Blickle®

Castors and Wheels

General Catalogue G16



we innovate mobility

Blickle G16 general catalogue

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Issue A1


Blickle

Blickle®

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Blickle®

A company in motion

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50–125 mm

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200–25,000 kg
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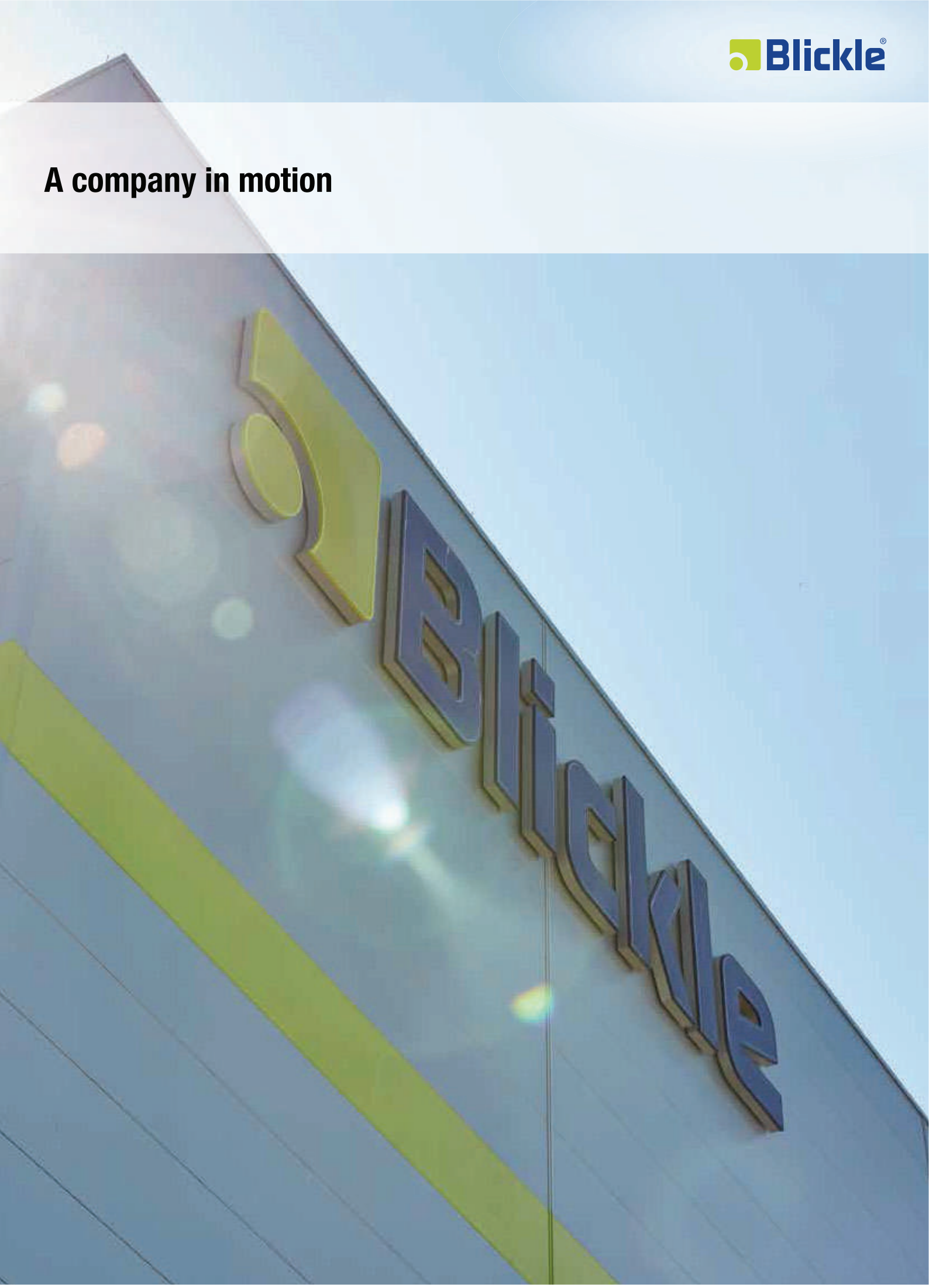
18 Special systems and solutions



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Bickle

A company in motion



We innovate mobility.



"Our aim is to develop the perfect castor and the best possible wheel for every application. Whenever anything has to be moved by people, machinery or equipment, we provide innovative products and services to meet our clients' requirements. Worldwide."

Reinhold Blickle, CEO

We work for you. And with you.
Blickle – A company in motion.

We have been one of the three leading manufacturers of wheels and castors worldwide for decades because of our reliability, commitment to innovation and focus on the customer.

Blickle is committed to outstanding quality, high availability, reliable deliveries and maintaining a global presence. Our highly motivated employees develop the perfect products for a wide range of applications. The main tools at their disposal are good ideas, a creative spirit, many years of experience and a high level of expertise in material and manufacturing technology.

The customer is our top priority. We stay in constant communication with our users to ensure that all of our individual solutions and our unique standard range of wheels and castors meet their requirements. This experience, combined with our own "Made in Germany" manufacturing facilities, guarantee one thing: "we innovate mobility".

- more than 1,000 employees worldwide, over 750 of which are based at the headquarters in Rosenfeld, Germany
- 18 Blickle sales subsidiaries in Europe, North America, Asia and Australia
- sales partners and representative offices in over 120 countries worldwide
- DIN EN ISO 9001, DIN EN ISO 14001 and DIN EN ISO 50001 certified





As a family company, we value consistency. Dr. Sarah Blickle-Fenner and David Blickle are the third generation of the family to be involved in the company, along with Reinhold and Denise Blickle.

Our headquarters are in Rosenfeld, Germany. This demonstrates our commitment to quality and manufacturing products “Made in Germany”.

A reliable partner for many years.
We have a tradition of progress.



1953

Pioneer: Heinrich Blickle establishes his company with eight employees, and begins to manufacture iron wheelbarrow wheels in his workshop.



1961

Fate: Company founder Heinrich Blickle dies. His wife Elisabeth Blickle takes over the company.



1967

The first steps towards a global market: First sales branch established in Switzerland.



2006

New production: Blickle begins to manufacture synthetic products.



2010

Investments: Logistics centre built with automatic high-rack warehouse and small parts storage.



2015

New electro-mobility segment: Blickle begins to manufacture driven wheels and castors.

To be successful, you need to look to the past to learn how to prepare for the future. We have a tradition of progress. Founded in 1953, today we are one of the three leading manufacturers of wheels and castors worldwide. That's proof of our expertise. Quality. And innovation.



1977

The second generation: Reinhold Blickle, son of the founder and the current Managing Director, joins the company.



1998

New technology: Blickle begins to manufacture polyurethane wheels.



2002

Growth: Blickle builds a new administration building.



2017

The third generation: Dr. Sarah Blickle-Fenner and David Blickle join the company.



2018

Expansion into the US market: A new warehouse and administration facility covering more than 5,000 m² is built in Newnan, Georgia.



2020

New construction in Rosenfeld: Blickle adds a customer service centre and expands the administration building. Blickle also builds a new production facility to manufacture polyurethane wheels.

Blickle gets the world moving.
Know-how in every sector.



INTRA-LOGISTICS



MACHINE AND SYSTEMS ENGINEERING



CONVEYOR

Our wheels and castors provide mobility in almost every sector and industry.

We have developed a wide range of specific solutions on the basis of our decades of experience and our expertise in a wide range of markets. This means that we have the right product for every application and every environment.



TECHNOLOGY



HYGIENE / MEDICINE / DESIGN



MOBILE DEVICES AND EQUIPMENT

Expertise knows no borders.
Represented worldwide. Close to you.

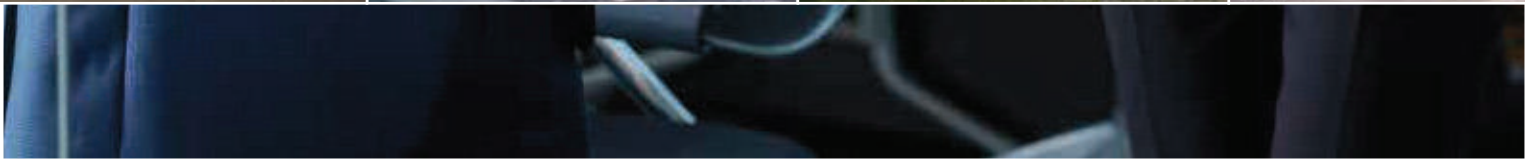



Blickle France


Blickle Finland


Blickle Switzerland


Blickle China





Blickle sets the standard for fast, efficient service, with global coverage.

Our tailored and expert advice, the quality of our products and our short delivery times have been praised by users on every continent. Our local specialists are there to help you, even with complex technical questions. Orders are quickly dispatched from our central warehouse in Rosenfeld or our well-stocked decentralised warehouses. And our reliable logistics quickly bring goods to wherever they are needed – anywhere in the world.

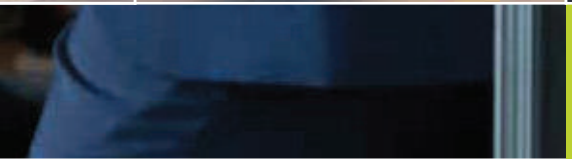
- 18 Blickle sales subsidiaries in Europe, North America, Asia and Australia
- representative offices and sales partners in over 120 countries worldwide
- local warehouses and direct shipping for quick deliveries
- international trade fairs





Blickle Canada

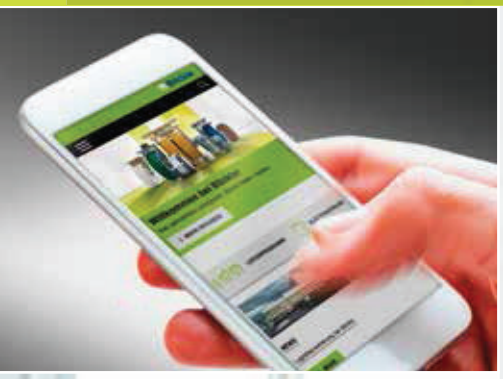

Blickle USA



Blickle sales subsidiaries:

Australia
Austria
Belgium
Canada
China
Czech Republic
Finland
France
Italy
Netherlands
Norway
Romania
Spain
Sweden
Switzerland
Turkey
United Kingdom
USA

Advice in all channels.
We are there for you.







Our commitment to innovation is not limited to our products.
We continuously expand the range of advice and services that we provide.

The heart of our customer service is the personalised and expert advice provided by our sales team and back office staff. We are also committed to expanding our digital offer: Our website sets new standards in terms of user-friendliness and the amount of information it provides. In just a few steps, you can select the right product for you. The website also provides all relevant product information, like CAD or technical data.

Our sophisticated e-commerce and e-procurement solutions minimise your processing costs. Clients in many countries can also order our products around the clock from our online web shop.

Take advantage of our tailored services:

- expert tailored advice from our sales team
- outstanding support from our back office staff
- informative Blickle website with product finder and online shop
- e-commerce and e-procurement solutions
- international trade fairs

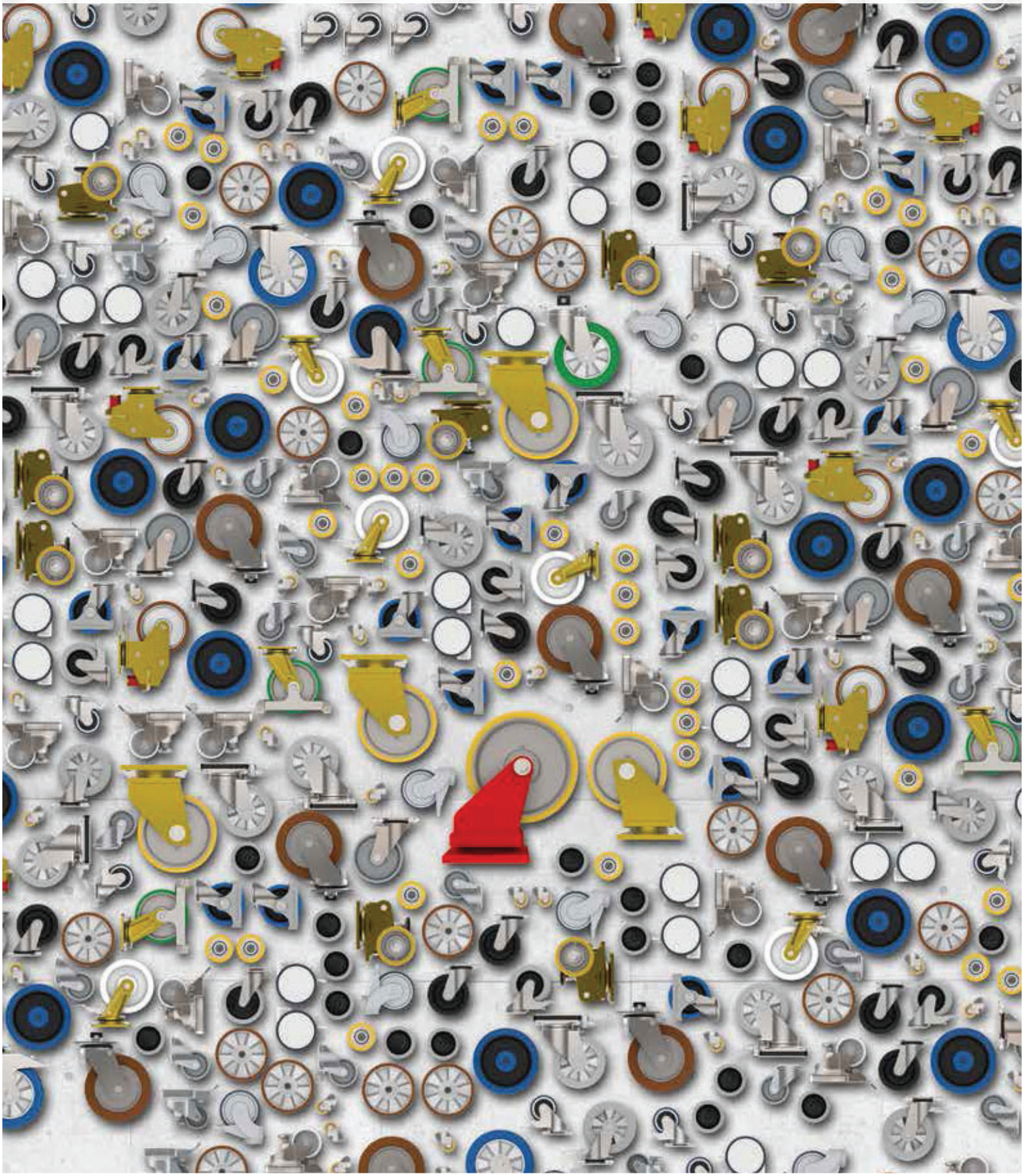
YouTube





Standard product or a tailored approach?

We can provide the perfect solution.







WE ARE COMMITTED TO CUSTOMER SATISFACTION.

To fulfill your requirements. If you can't find it in our extensive standard range, we can work together to develop a tailored product for you: Customising is one of our strengths.

Our wide range of over 30,000 standard products provides the perfect solution for almost any situation. All of our products are high-quality, maintenance free, available quickly and have a long service life, as you would expect from Blickle. Our products also set new standards in terms of ergonomics and occupational safety.

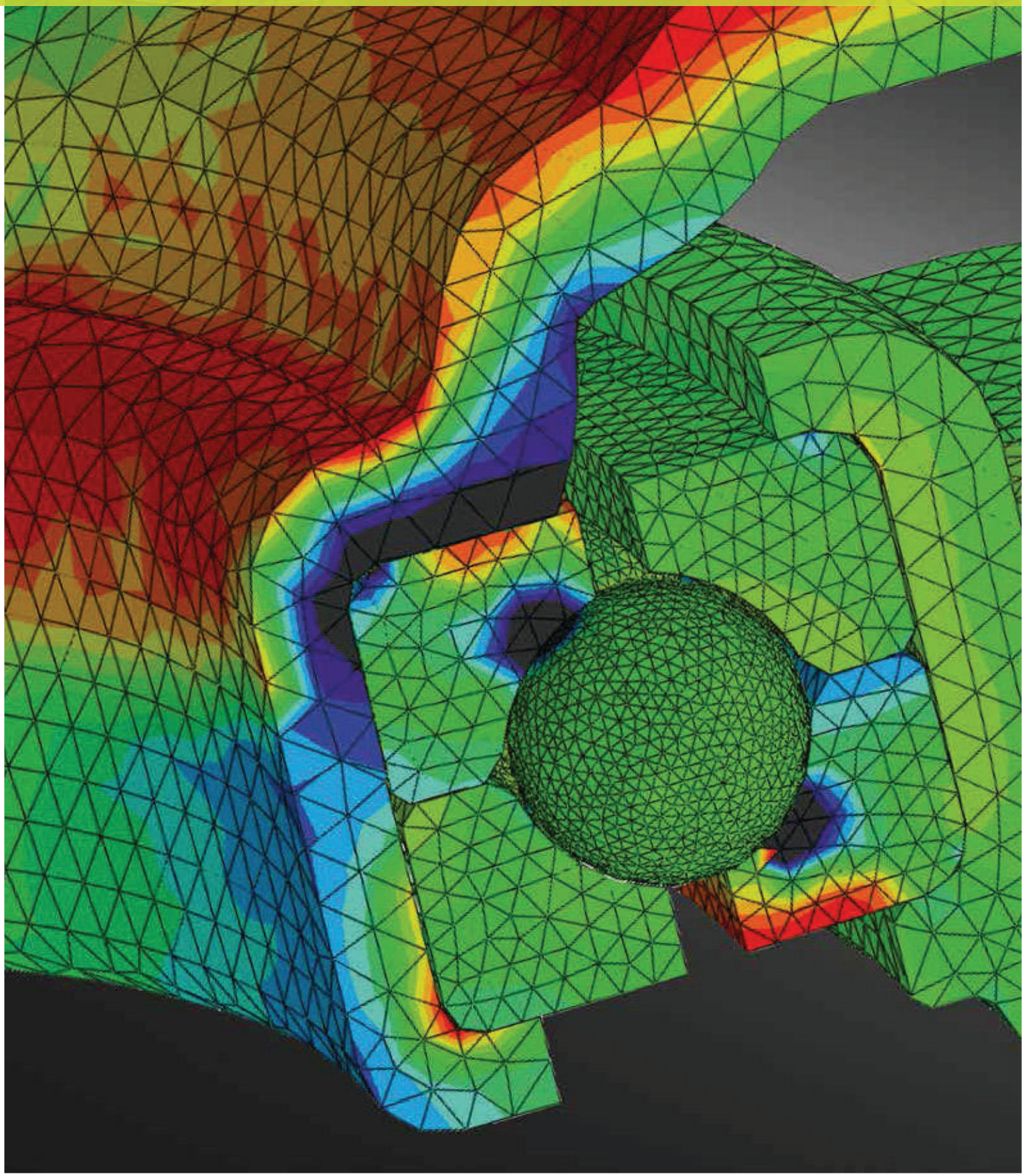
Our quick and uncomplicated processes allow us to develop tailored solutions and ensure that they are integrated perfectly into your products. Our sophisticated combination of efficient mass produced series and highly-flexible, small-scale production abilities allow us to develop customising solutions in a quick and cost-effective manner.

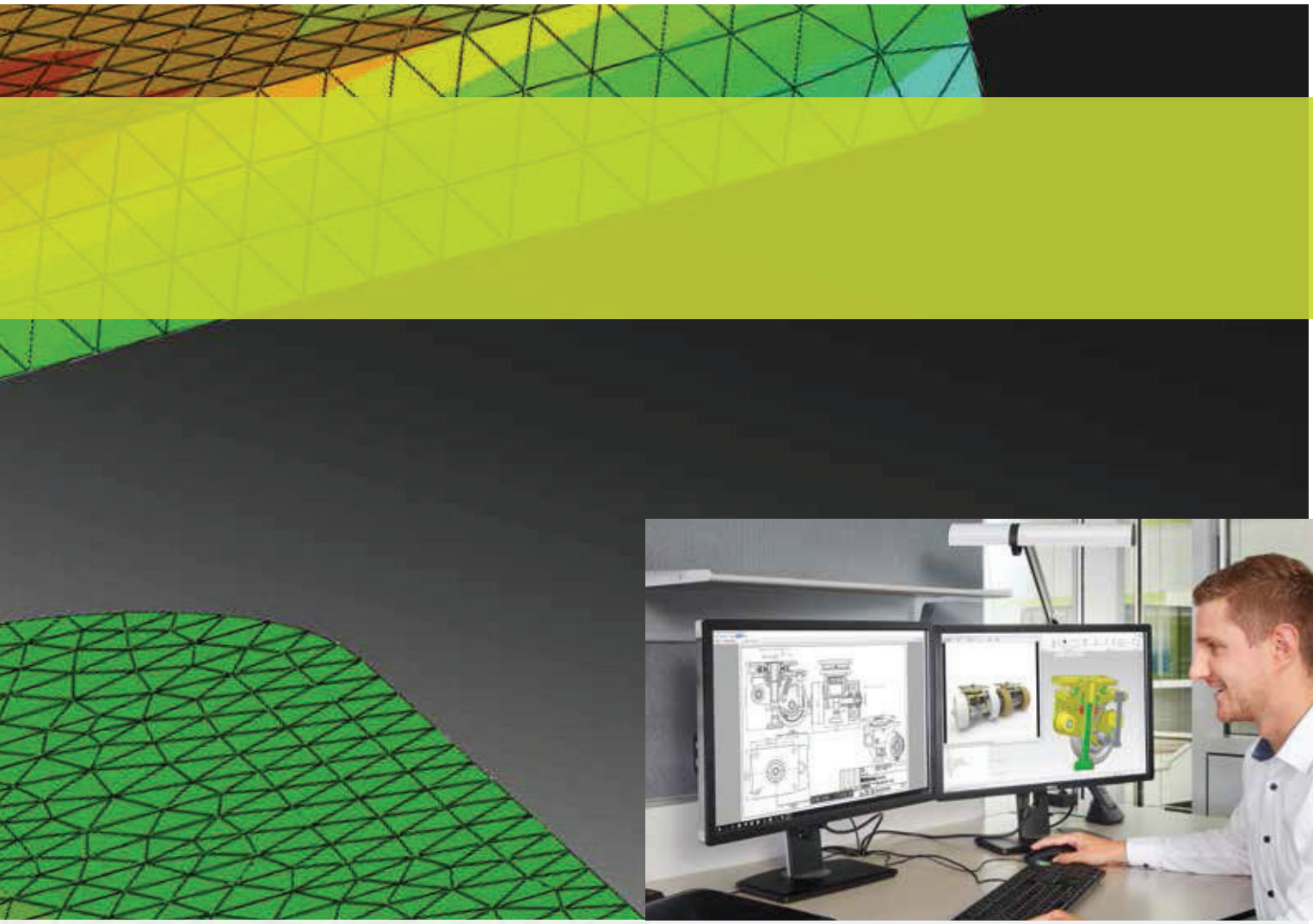
We are committed to constantly developing comprehensive system solutions for special use cases, such as electric drive systems and brake and steering systems.



Our goal: The best possible solution for every application.

Innovation. Research. Development.

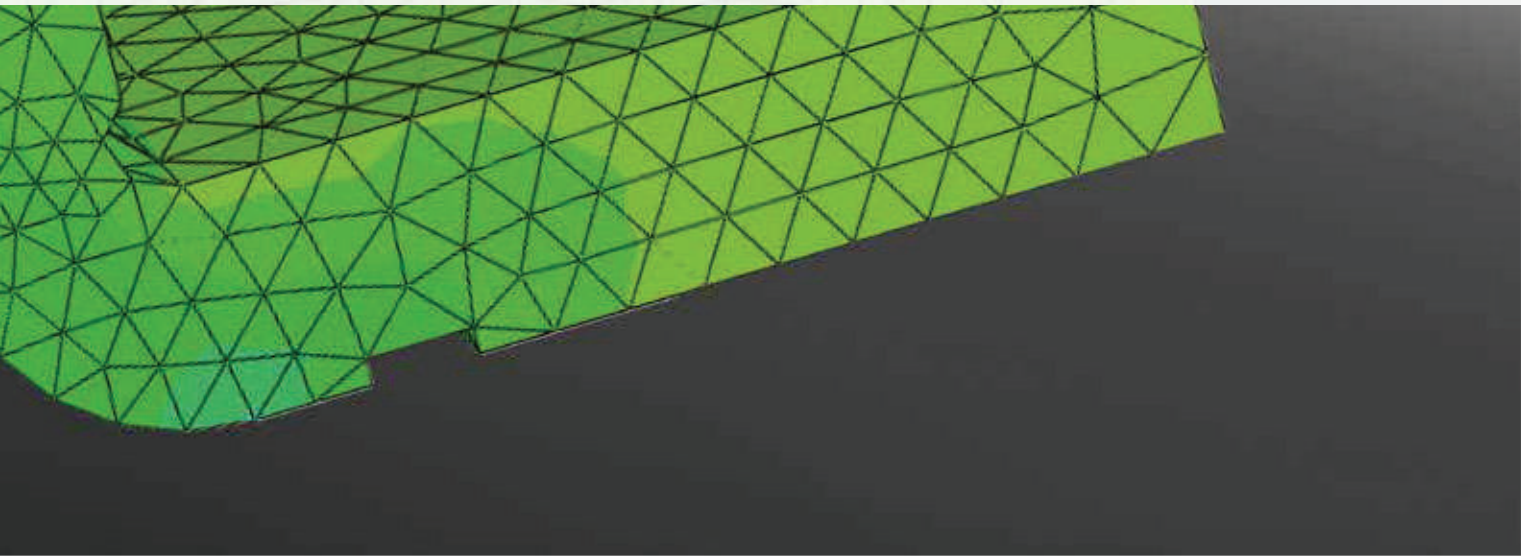




Your requirement is our welcomed challenge.
We constantly develop new creative solutions.

Our specialised expert teams are made up of experienced designers who know how to create perfect products to meet customer requirements.

Our developers use the latest methods, including linear and non-linear FEM, and keep close relationships with established scientific institutions to keep our ideas moving and to realize new possibilities. In addition to real-world technological developments, we also carry out basic research to optimise the materials that we use in our wheels and develop electrical wheel drive systems.



We want your trust. Over the long term.
Quality and control.

Customer confidence is our most valuable asset. We earned this confidence thanks to our quality and reliability. Our vertical integration and "Made in Germany" production give us complete control over the entire manufacturing process.

Our management systems, cutting-edge automated production and testing equipment and first article, last article and factory inspections guarantee a high level of quality and process reliability.

The engineers in our test laboratories have a wide range of test facilities at their disposal, including rotating test benches capable of handling a load of up to 5.5 tons, material testing equipment and air conditioning and heating cabinets. We use cutting edge equipment for wheel and castor tests in accordance with DIN EN 12527–12533 (ISO 22878–22884) in addition to destructive testing.






ISO 9001
CERTIFIED
QUALITY MANAGEMENT SYSTEM
ISO 14001
CERTIFIED
ENVIRONMENTAL MANAGEMENT SYSTEM
ISO 50001
CERTIFIED
ENERGY MANAGEMENT SYSTEM

Maintaining standards by keeping it in-house.

Tooling and steel processing.











Leading the market is a challenge that we face every day. The Blickle way: manufacturing and developing everything from scratch. All of our tooling, mechanical engineering and steel processing is done in house.

Tooling and mechanical engineering

We develop and build tools, equipment and systems in house to meet any requirement with our highly-qualified employees and cutting-edge machinery. This benefits you significantly in a number of ways: we can adapt mass-produced products to meet customer requirements in a quick and cost efficient manner. Our in-house tooling guarantees that none of our tools see any downtime and keeps our product quality high.

Steel processing

Our high level of vertical integration gives us complete control over quality and delivery dates. It also allows us to react with speed and flexibility to customer and market requirements.

Flexibility lies at the heart of our steel forming processes. Our comprehensive set of press equipment includes hydraulic and eccentric presses, some of which have servo drives, with a pressing force of up to 630 tons.
Our equipment is capable of handling coils that are up to 12 mm thick in a fully automated process. Our presses are set up to manufacture castors.
This allows us to efficiently manufacture large quantities while remaining flexible enough to produce small batches in a cost-effective manner.



Manual or automatic. But always precise.
Welding.



Good connections guarantee a long service life.
Precision is the most important part of an effective weld.

By hand when needed, and automated whenever possible. Our certified welders and cutting-edge welding robots guarantee outstanding quality and a consistently good end product. Without precise weld seams, our heavy-duty castors would not have the stability and safety on which our customers rely. Our welding processes are DIN EN ISO 3834-2 certified.









Experience. Know-how. Ideas.
Polyurethane in its best form.



To produce high-quality polyurethane, you need the right formula and the proper processing techniques. That's why we committed ourselves to becoming polyurethane specialists.

The quality of polyurethane wheels is affected by a number of different factors. We pre-heat, clean and prime the metal wheel centres in a fully automated process. We then use digitally-monitored machinery for the low pressure casting process. We then add precise quantities of additives like colour pigments, activators or antistatic agents. This gives us the flexibility that we need to meet the precise requirements of our customers.

- polyurethane wheels in all sizes, from 25 to 1,000 millimetres in diameter
- load capacities of up to 100 tonnes
- comprehensive quality inspections
- tread & tyre hardness from 75 to 96 Shore A
- special colours possible







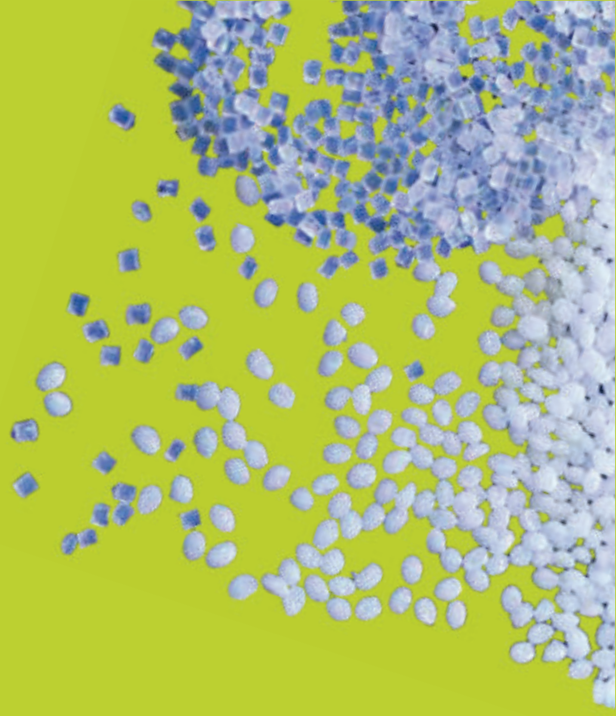


Innovative plastics processing.

Plastic injection moulding.









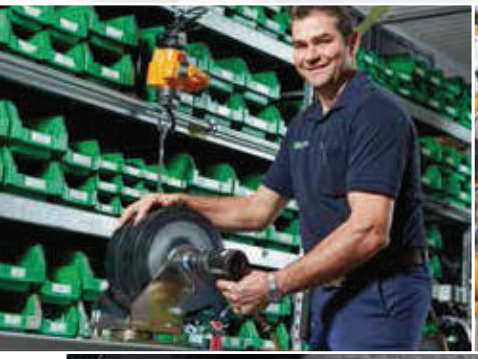
To stay ahead of the market, you need to be flexible. We are able to produce a wide range of synthetic wheels and castors, including heat-resistant, electrically conductive, and glass fiber reinforced versions.

We use a range of cutting-edge, high-performance machinery for the injection moulding of plastic parts. Our linked systems and 2K machines allow us to manufacture multi-component wheels in a fully-automated manner. Our extremely high performance tooling technology allows us to optimise our cycles while keeping our quality high.

Manufactured internally. Assembled internally.
Assembly.

We developed fully automatic high-quality, cost-effective and efficient production lines to assemble our brackets, wheels and castors. Benefit from our flexibility: We frequently work on small batches by hand to meet our customers' requirements.

We manufacture over 20 million wheels and castors in our 100,000 square metre facility every year. That's more than 80,000 every day. We integrate a large number of testing and inspection stations into our production lines to maintain our certified, high-quality standards.





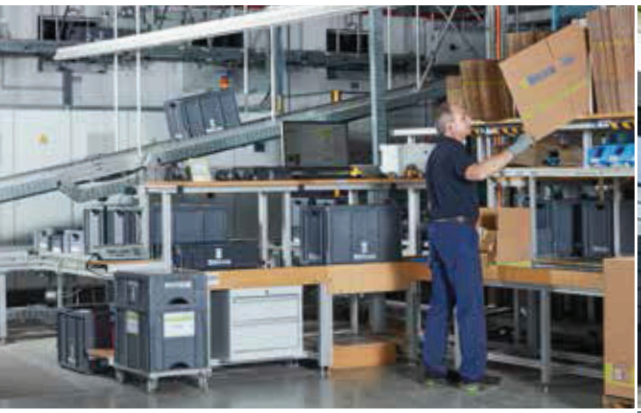

antistatisch

Extremely quick. Extremely reliable.
International deliveries done right.

You can expect outstanding reliability from every area of Blickle. Our cutting-edge logistics centre guarantees top-quality deliveries: We have more than 24,000 different products ready to ship within one or two days across Europe.

80 to 100 tons of goods leave our logistics centre in Rosenfeld every day. Our 40-metre high, fully-automated high-rack warehouse uses fully-automated rack feeders and has enough space for 43,470 Euro or cage pallets. The neighbouring fully-automated small parts warehouse has space for 54,000 more. This guarantees that materials get to our production facilities efficiently and that products are delivered to our customers quickly and reliably.














Blickle

To stay ahead, you have to improve.

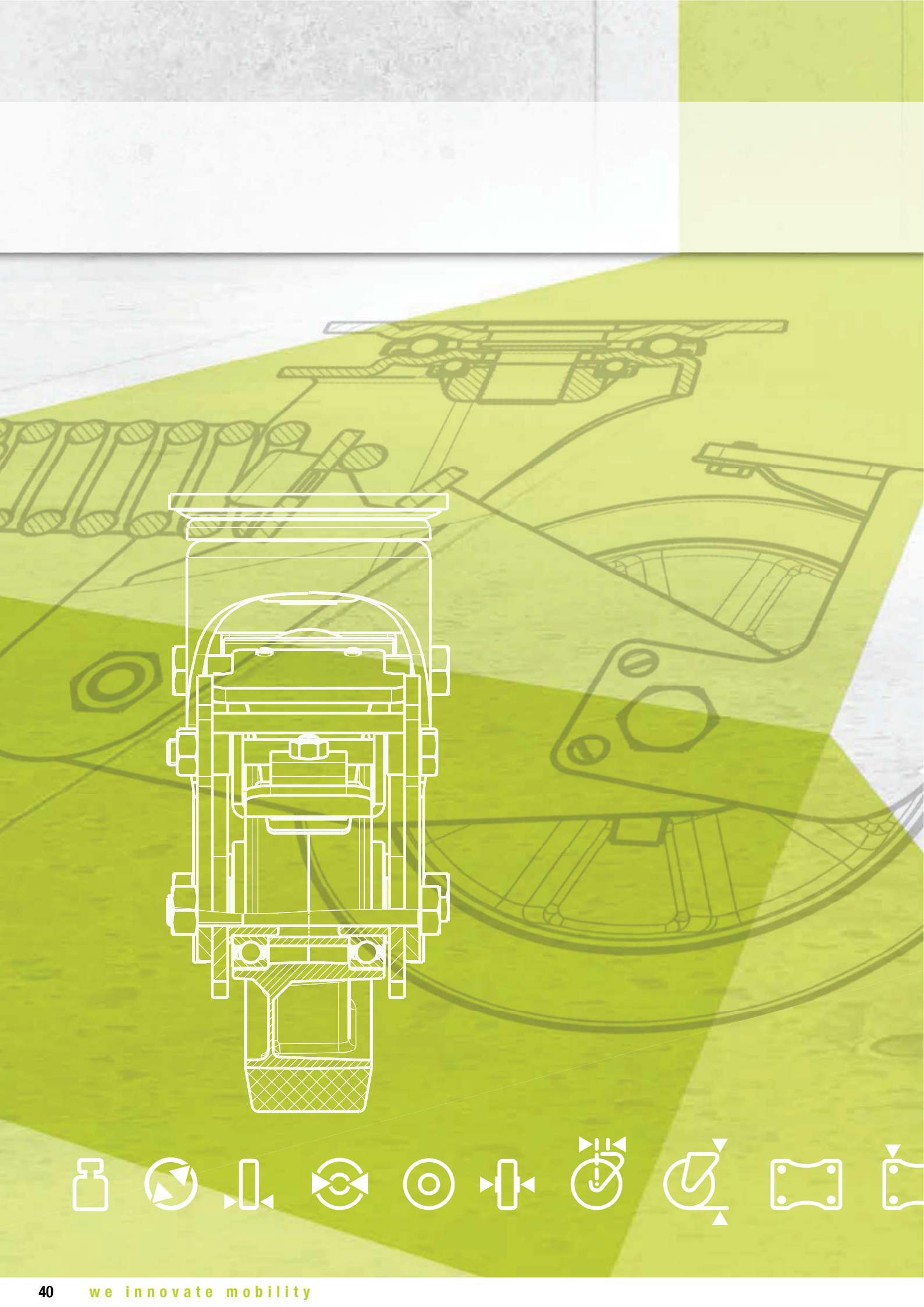
We are taking mobility forward.





"The values that we have built up over the course of decades, such as reliability, innovation and responsibility towards our customers, employees and business partners, will continue to be at the heart of everything we do in future. We will keep on improving our mobility solutions so that we continue to make people's lives and work safer, easier and more efficient."

Dr. Sarah Blickle-Fenner, David Blickle



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Wheels and castors guide

A few steps to the optimal product

1 Select your product.

Wheels, swivel and fixed castors or press-on bands / tyres can be used depending on the application.

Swivel castors can rotate, while fixed castors run in a fixed direction. The castors can be attached using a top plate, bolt hole, stem, expander or plug-in pin.
(See page 44, 104–111 for more information)

Product type	Wheel	Swivel castor	Fixed castor	Press-on band / tyre	
					
Fixing	**Top plate**	**Bolt hole**	**Stem**	**Expander**	**Plug-in pin**
					

2 Determine the required load capacity.

The load capacity required for a wheel or castor is calculated by dividing the dead weight of the transport equipment and its additional weight by the number of supporting wheels or castors.

The result is then multiplied by a safety factor dependent on the application conditions.
(See page 46 for more information)

$$T = \frac{E+Z}{n} \times S$$

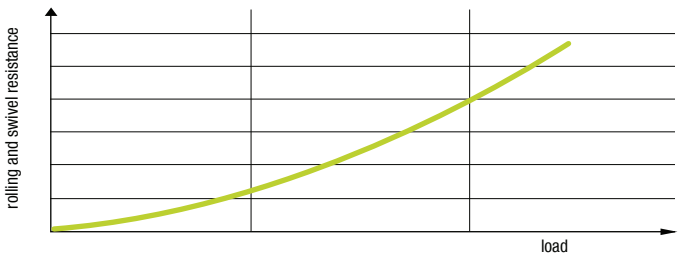
T = required load capacity per wheel or castor
E = dead weight of the transport equipment
Z = maximum additional weight
n = number of supporting wheels or castors
S = safety factor

3 Starting, rolling and swivel resistance. Manouevrability.

The starting, running and swivel resistance of a wheel or castor is largely dependent on the tread, wheel bearing, wheel Ø, overall load and the condition of the surface.
(See page 49 for more information)

The manouevrability of a transport equipment is dependent on the quantity and type of the castors which are used, as well as how they are arranged. These factors in turn affect load capacity, manoue-vrability, control, cornering and stability.
(See page 47 for more information)

Rolling and swivel resistance



Low rolling resistance
- large wheel Ø
- hard tread
- high tread elasticity
- ball bearing
- hard, smooth surface

Low swivel resistance (swivel castors)
- hard tread
- crowned tread
- large offset
- hard, smooth surface

4 Corrosion resistance. Temperature resistance. Chemical resistance.

The service life and functionality of a wheel or castor depends to a certain extent on how well the materials used or their surface finish are capable of withstanding corrosion, temperature changes and chemical substances. Temperature and the duration of exposure are the most important factors.

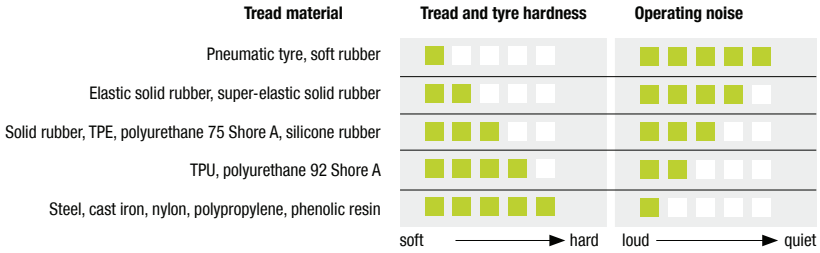
Information about the chemical resistance of the different materials we use is provided in the table on page 51.



Example: checking resistance to hydrolysis

5 Select from a wide range of tread materials.

Hardness, shape and tread material have a significant impact on the operational comfort, smooth rolling performance and starting, rolling and swivel resistance of a wheel or castor. The tread (tyre) of a wheel should normally be softer than the surface. Otherwise the wheel may press into the surface and damage it.
(See page 52–59 for more information)



6 Select a wheel bearing type.

Selecting a suitable bearing will depend on the speed, load, environmental factors and the force required to move the transport equipment.

Plain bores are simple, but have an unfavourable friction coefficient. However, they have the worst coefficient of friction, leading to a relatively high starting and rolling resistance.

Roller bearings are robust, have a low rolling resistance and a small radial bearing clearance.

Ball bearings have the best starting and rolling properties, the smallest bearing clearance, a high load capacity and are also suitable for high speeds.
(See page 84–85 for more information)


Plain bore


Roller bearing


Ball bearing

7 Select a suitable bracket, version and options.

The suitable bracket for every application and all requirements. Pressed steel bracket in standard, stainless steel or heat-resistant version, welded steel heavy-duty bracket with or without suspension, or elegant synthetic bracket.

The functionality of wheels or castors can be enhanced by using different versions or options. Wheel and swivel head brakes to prevent swivel castors rolling and rotating, foot guard for avoiding foot injuries, electrically conductive treads for protection against electrostatic discharge and many more.

A detailed list of Blickle bracket series is available on page 86–102.
All versions and options are listed on page 112–117.















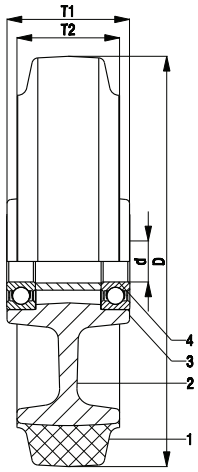


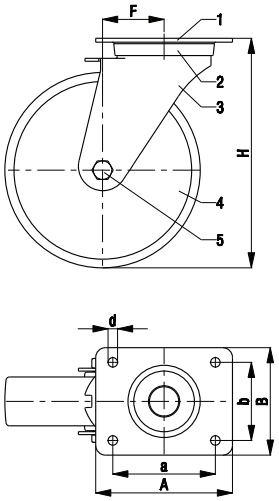


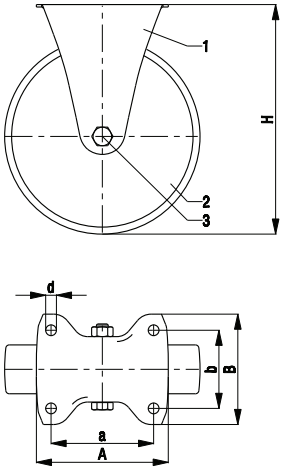


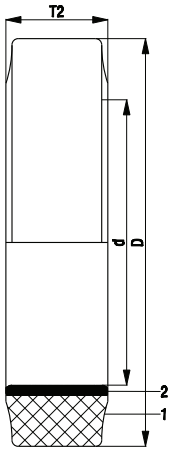
Wheels and castors guide

Basic information / definitions









Wheel

Designations:
1 = tread / tyre
2 = wheel centre / rim
3 = hub
4 = wheel bearing

Dimensions:
D = wheel diameter
d = bore diameter
T1 = hub length
T2 = wheel width

Wheels are made up of a tread / tyre, wheel centre / rim and a wheel bearing.

Wheels vary in terms of their load capacity, rolling resistance and rolling quality. The special properties of each individual wheel series are explained in detail from page 60 onwards.

Swivel castor

Designations:
1–3 = swivel bracket
1 = top plate
2 = swivel head (swivel bearing)
3 = swivel fork
4 = wheel
5 = wheel axle

Dimensions:
H = total height / mounting height
F = offset
A,B = plate dimensions
a,b = bolt hole spacing
d = bolt hole diameter

Swivel castors can be rotated around the vertical axis, improving the manouevrability of machinery, equipment, etc. A swivel head (swivel bearing) connects the fork (swivel fork) to the fitting. There is normally some horizontal distance between the centre of the swivel bearing and the wheel axle (offset), so the fork can swivel freely. This offset allows the castor to rotate easily without additional equipment. It also gives the castor a stable rolling characteristic when travelling straight.
Swivel castors can be fitted with different locks to brake

- the rotation of the wheel (wheel brake)
- the rotation of the wheel and the swivel motion of the fork (wheel and swivel head brake)
- the swivel motion of the fork (directional lock)

Fixed castor

Designations:
1 = fixed bracket
2 = wheel
3 = wheel axle

Dimensions:
H = total height / mounting height
A,B = plate dimensions
a,b = bolt hole spacing
d = bolt hole diameter

Fixed castors do not swivel and make it easier to move machinery, equipment, etc. in a particular direction without deviating.

Press-on band / tyre

Designations:
1 = tread / tyre
2 = steel-band

Dimensions:
D = outer diameter
d = internal diameter
T2 = width

Press-on bands / tyres consist of various elastomers and are fitted with a steel band or steel insert.

Press-on bands / tyres vary in terms of their load capacity, rolling resistance and rolling quality. The special properties of each individual press-on band / tyre are explained in detail on page 80–81.

The cross-sections of the wheels on the product pages only provide an example of that particular series. Wheels within the same series may have different designs due to technical reasons.

Classification of wheels and castors

International standards divide wheels and castors into the following categories:

- light-duty wheels and castors
- wheels and castors for transport equipment
- heavy-duty wheels and castors

Each of these are used for different applications and are subject to different test conditions.







Blickle light-duty wheels and castors

Light-duty wheels and castors and compact castors are normally used indoors. They are designed to handle speeds of up to 3 km/h. They have a load capacity of up to 280 kg (light-duty wheels and castors) or 1,750 kg (compact castors).
They maximise manouevrability and smooth rolling performance while reducing rolling resistance.
They are typically used for medical equipment, display stands, industrial kitchen equipment and similar applications.

The load capacity of Blickle light-duty wheels and castors and compact castors is tested on a rotating bench in accordance with DIN EN 12530 / ISO 22881

The main test conditions:
- speed: 3 km/h
- temperature: +15 °C to +28 °C
- hard, horizontal surface with obstacles with a height equal to 3 % of the wheel diameter
- test duration: the number of times that obstacles are crossed is equivalent to ten times the wheel diameter (in millimeters)
- rest time: max. 3 minutes after 3 minutes running time

Blickle wheels and castors for transport equipment

Wheels and castors for transport equipment are used for indoor and outdoor industrial applications. They are designed to handle speeds of up to 4 km/h.
They have a load capacity of up to 1,000 kg.
Wheels and castors for transport equipment are resistant to environmental factors, largely maintenance-free and capable of functioning properly for long periods.
They are typically used for machinery and equipment of all kinds, in addition to pallets, scaffolding, waste containers and the like.

The load capacity of Blickle wheels and castors for transport equipment is tested on a rotating bench in accordance with DIN EN 12532 / ISO 22883.

The main test conditions:
- speed: 4 km/h
- temperature: +15 °C to +28 °C
- hard, horizontal surface with obstacles at the following height:
  5 % of wheel diameter for wheels with soft tread (hardness < 90 Shore A)
  2.5 % of wheel diameter for wheels with hard tread (hardness ≥ 90 Shore A)
- test duration: 15,000 revolutions with a minimum of 500 crossing obstacles
- rest time: max. 1 minute after 3 minutes running time

Blickle heavy-duty wheels and castors

Heavy-duty wheels and castors are used to handle heavy loads and / or high speeds.
They are particularly strong in their design.
Castors with two wheels (twin wheel castors) are also used in this area to handle particularly heavy loads. Spring-loaded castors are particularly suitable when there is a need to avoid vibration during transport.
They are typically used on forklift trucks and industrial trucks, assembly and transport systems and similar equipment.

The load capacity of Blickle heavy-duty wheels and castors is tested on a rotating bench at a speed of 4 km/h in accordance with DIN EN 12532 / ISO 22883. Wheels and castors designed for higher speeds are tested for load capacity in accordance with DIN EN 12533 / ISO 22884.

The main test conditions according to DIN EN 12532 / ISO 22883:
- speed: 4 km/h
- temperature: +15 °C to +28 °C
- hard, horizontal surface with obstacles at the following height: 5 % of wheel diameter for wheels with soft tread (hardness < 90 Shore A)
  2.5 % of wheel diameter for wheels with hard tread (hardness ≥ 90 Shore A)
- test duration: 15,000 revolutions with a minimum of 500 crossing obstacles
- rest time: max. 1 minute after 3 minutes running time

The main test conditions according to DIN EN 12533 / ISO 22884:
- speed: 6 km/h, 10 km/h, 16 km/h, 25 km/h (standard: max. 16 km/h)
- temperature: +15 °C to +28 °C
- hard, horizontal surface with obstacles at the following height:
  5 % of wheel diameter for wheels with soft tread (hardness < 90 Shore A)
  2.5 % of wheel diameter for wheels with hard tread (hardness ≥ 90 Shore A)
- test duration: the number of times that obstacles are crossed is equal to five times the wheel diameter (in millimeters)
- rest time: max. 1 minute after 3 minutes running time

Dynamic load capacity

The load capacity listed for a wheel or castor is the load capacity which that wheel or castor was capable of withstanding when tested on a rotating bench in accordance with DIN EN 12527–12533 (ISO 22878–22884).

In order to determine the load capacity that a wheel or castor needs to have, it is important to know the dead weight of the transport equipment, the maximum additional weight and the number of supporting wheels or castors. When using four or more wheels or castors, the load on each individual wheel or castor may vary.
The necessary load capacity is calculated as follows:

$$T = \frac{E+Z}{n} \times S$$

T = required load capacity per wheel or castor
E = dead weight of the transport equipment
Z = maximum additional weight
n = number of supporting wheels or castors
S = safety factor

Wheels and castors with ball bearings are capable of exceeding speeds of 4 km/h with a reduced load capacity.

Recommended safety factors for different applications

The safety factor S is used to account for deviations from the standard application conditions (smooth surface, walking speed of 4 km/h, equal load distribution, travelling straight, ambient temperature of between 15 °C and 28 °C). The safety factor is affected by the speed of movement and the ratio of wheel Ø to the height of the obstacle. There are four different categories (see table).

Safety factors do not take tread wear into consideration.

Determining safety factor S

	Transport	Environment	Height of the obstacle	Safety factor
	manual	indoors	< 5 % of wheel Ø	1.0–1.5
	manual	outdoors	> 5 % of wheel Ø	1.5–2.2
	motorized	indoors	< 5 % of wheel Ø	1.4–2.0
	motorized	outdoors	> 5 % of wheel Ø	2.0–3.0

Static load capacity

If a wheel or castor is exposed to mainly static loads, its static load capacity is tested in accordance with ISO 22878. One of the criteria that this test looks at is the extent to which the tread flattens after a specific period.

Information about the static load capacity of our products is available in our product data sheets. You can contact us directly to request them or download them from www.blickle.com.

Wheels and castors guide

Manouevrability

Castors must be positioned to meet requirements for the manouevrability and steering of units and machines.
A number of different castor arrangements are described below.



Three swivel castors with identical mounting height

Suitable for small loads and narrow routes. The transport equipment is very easy to move in any direction. The transport equipment is relatively difficult to manouevre when travelling straight. This can be improved by fitting a directional lock to one of the three swivel castors. This castor arrangement can make the transport equipment more susceptible to tipping.

Load capacity	■■□□□
Manouevrability	■■■■■
When travelling straight	■■□□□
Cornering	■■■■□
Stability	■□□□□



Four swivel castors with identical mounting height

Suitable for narrow routes. The transport equipment is very easy to move in any direction. The transport equipment is relatively difficult to manouevre when travelling straight. Attaching directional locks to two swivel castors can improve this situation.

Load capacity	■■■■□
Manouevrability	■■■■■
When travelling straight	■■□□□
Cornering	■■■■□
Stability	■■■□□



Two swivel and fixed castors with identical mounting height

Most common castor arrangement, suitable for towing. The transport equipment is easy to manouevre when cornering and moving in a straight line. The transport equipment is relatively difficult to manouevre in tight spaces.
The fixed castor can be replaced with a wheel set, i.e. two wheels on an axle.

Load capacity	■■■■□
Manouevrability	■■■□□
When travelling straight	■■■■□
Cornering	■■□□□
Stability	■■■■□



Four fixed castors, with the central castors having a slightly higher mounting height

Cost-effective castor arrangement. The transport equipment is easy to manouevre when moving in a straight line. Arranging the load over the central fixed castors makes the transport equipment relatively easy to steer and rotate on the spot. This castor arrangement can make the transport equipment more susceptible to tipping and swinging.
The central fixed castors can be replaced with a wheel set, i.e. two wheels on an axle.

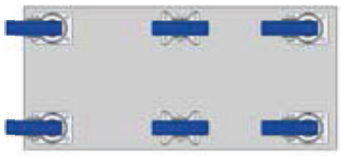
Load capacity	■■■□□
Manouevrability	■■□□□
When travelling straight	■■■■■
Cornering	■■■■■
Stability	■■□□□



Two swivel and two fixed castors, with the fixed castors having a slightly higher mounting height

Suitable for towing. The transport equipment is easy to manouevre when cornering and moving in a straight line and rotates easily on the spot. This castor arrangement can make the transport equipment more susceptible to tipping and swinging. We recommend using swivel castors with spring-loaded castors. The central fixed castors can be replaced with a wheel set, i.e. two wheels on an axle.

Load capacity	■■■□□
Manouevrability	■■■■□
When travelling straight	■■■■■
Cornering	■■■■■
Stability	■■□□□



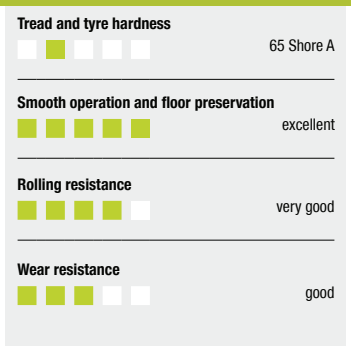
Four swivel castors and two fixed castors identical mounting height

Complicated castor arrangement, suitable for towing. The transport equipment is easy to manouevre when cornering and moving in a straight line and rotates easily on the spot. It is particularly well suited for heavy loads and long units. Constant surface contact of the fixed castors is required for manouevrability.
The central fixed castors can be replaced with a wheel set, i.e. two wheels on an axle.

Load capacity	■■■■■
Manouevrability	■■■■□
When travelling straight	■■■■■
Cornering	■■■■■
Stability	■■■■■

Wheels and castors guide

Blickle wheel series info box
Tread and tyre hardness. Smooth operation and floor preservation.



Blickle wheel series info box

To make it easier for you to choose the correct product, we provide a Blickle info box for each wheel series on the relevant page.
This provides an overview of the tread and tyre hardness of a wheel, its smooth operation and floor preservation, rolling resistance and wear resistance.

Tread and tyre hardness is rated on a scale from very soft to very hard, while the other categories are rated from satisfactory to outstanding.

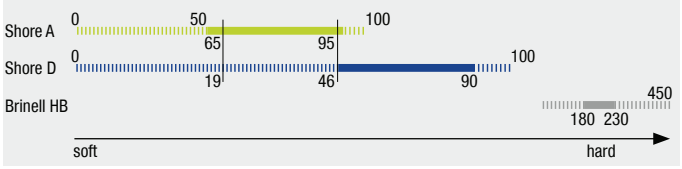
Tread and tyre hardness

The tread & tyre hardness is indicated in the info box in images on the product pages. The further the marking is to the right, the harder the tread. Hardness for

- elastomers and polyurethanes is provided in Shore A,
- Shore D for solid plastics and
- using the Brinell scale for metals.

There is no linear correlation between the various hardness testing methods. The values in the graphic were determined empirically and are provided for reference purposes.

Hardness ranges for Blickle wheel series



Material	Tread and tyre hardness
Pneumatic tyre / soft rubber	50–60 Shore A
Elastic solid rubber	65 Shore A
Super-elastic solid rubber	70 Shore A
Standard solid rubber	80 Shore A
Thermoplastic polyurethane (TPU), soft	80 Shore A
Thermoplastic rubber-elastomer (TPE)	85 Shore A
Polyurethane 75 Shore A	75 Shore A
Polyurethane 92 Shore A	92 Shore A
Thermoplastic polyurethane (TPU), hard	92–98 Shore A
Polypropylene	60 Shore D
Nylon	70 Shore D
Cast nylon	80 Shore D
Cast iron / steel	180–230 HB

Smooth operation and floor preservation

The higher the score in this category, the quieter the wheel is and the easier it is on surfaces.

Floor preservation
Hard treads put more strain on a floor than softer treads. A tread with five points in the smooth operation and floor preservation category has exceptionally good floor preservation qualities.

Floor surface preservation is measured on the basis of average floor pressure. Reference values for each tread material are provided to the right.

Smooth operation
In principle, vehicles tend to be quieter when they have large wheels with soft thick treads. Hard treads result in higher levels of noise than soft treads. A high score in the smooth operation and floor preservation category would therefore lead to expect low levels of vibration and noise emission when transporting goods.

Hard wheels can also be used with low levels of noise and a high degree of operational comfort when transporting light loads on a soft surface (e.g. carpet).

Calculating average floor pressure
The average floor pressure is calculated by dividing the radial force [N] by the wheel contact surface [mm²].

Material	Smooth operation / floor preservation	Average floor pressure
Pneumatic tyre / soft rubber		0.8 N/mm²
Elastic solid rubber		1.8 N/mm²
Super-elastic solid rubber		1.5 N/mm²
Standard solid rubber		3.5 N/mm²
Thermoplastic polyurethane (TPU), soft		4.0 N/mm²
Thermoplastic rubber-elastomer (TPE)		4.5 N/mm²
Polyurethane 75 Shore A		3.5 N/mm²
Polyurethane 92 Shore A		8.0 N/mm²
Thermoplastic polyurethane (TPU), hard		11.0 N/mm²
Polypropylene / nylon		40.0 N/mm²
Cast nylon		60.0 N/mm²
Cast iron / steel		>350 N/mm²

Blickle wheel series info box
Starting, rolling and swivel resistance. Wear resistance.

Starting, rolling and swivel resistance

Starting resistance reflects the amount of force required to get the wheel in motion when it is at a standstill.
Rolling resistance refers to the amount of force required to keep the wheel moving in a uniform manner.
Starting and rolling resistance are affected by the following factors:

- wheel diameter
- tread geometry
- tread & tyre hardness
- rebound resilience of the tread
- wheel bearing
- surface

Rolling resistance occurs as a result of the constant compression and decompression of the tread while the wheel is rolling (hysteresis).

Rolling resistance is measured using a test bench. Measurements are taken under ideal conditions:

- level, smooth, steel surface free of dirt and obstacles
- speed: 4 km/h
- temperature: +20 °C
- load: ⅔ of max. load capacity

These standardised conditions make it possible to compare the rolling resistances of different wheel series.

Different application conditions (surface quality, temperature, speed, etc.) must be taken into consideration when designing the running gear and can have a significant impact on rolling resistance.

Swivel resistance is the resistance required to align swivel castors in the direction of travel.

Swivel resistance is affected by the following factors:

1. Contact area of the wheel:
   The contact area of the wheel rotates around its centre when the swivel castor turns. This causes friction. The resistance is dependent on the interaction between the surface and the wheel tread, in addition to the size of the contact area.

2. Resistance of the swivel head:
   The structure and quality of the swivel head have an impact on its swivel resistance.

3. Offset of the swivel castor:
   The swivel resistance of the swivel castor is influenced by the distance between the centre of the swivel head and the centre of the contact area.

Material	Rolling resistance
Pneumatic tyre / soft rubber	good
Elastic solid rubber	very good
Super-elastic solid rubber	good
Standard solid rubber	satisfactory
Thermoplastic polyurethane (TPU), soft	very good
Thermoplastic rubber-elastomer (TPE)	very good
Polyurethane 75 Shore A (Softhane®)	very good
Polyurethane 75 Shore A (Besthane® Soft)	excellent
Polyurethane 92 Shore A (Extrathane®)	very good
Polyurethane 92 Shore A (Besthane®)	excellent
Thermoplastic polyurethane (TPU), hard	very good
Polypropylene / nylon	excellent
Cast nylon	excellent
Cast iron / steel	excellent

Wear resistance

The higher the point score in this category, the greater the wear resistance of the wheel.

In addition to other factors, the wear resistance incorporates the resistance to abrasion of elastomers or thermoplastic elastomers in accordance with ISO 4649. The resistance of other tread materials to abrasion was tested in accordance with ISO 4649.

Tread materials are assigned to different abrasion resistance categories in the graphic to the right.

Material	Wear resistance
Pneumatic tyre / soft rubber	satisfactory
Elastic solid rubber	good
Super-elastic solid rubber	good
Standard solid rubber	adequate
Thermoplastic polyurethane (TPU), soft	good
Thermoplastic rubber-elastomer (TPE)	satisfactory
Polyurethane 75 Shore A	very good
Polyurethane 92 Shore A	excellent
Thermoplastic polyurethane (TPU), hard	very good
Polypropylene	satisfactory
Nylon	good
Cast nylon	very good
Cast iron / steel	excellent

Wheels and castors guide

Environmental factors
Corrosion resistance. Temperature resistance. Electrical conductivity. Chemical resistance.

Corrosion resistance

The surfaces of wheel and castor components have different corrosion resistance levels depending on the surface coating.

Salt spray testing in accordance with DIN EN ISO 9227 is one of the most common test procedures for assessing the corrosion protection of different materials. The parts are corroded using a sprayed salt solution, and the amount of time until the formation of white rust and red rust is measured (in hours).

Surface protection	White rust	Red rust
zinc-plated, blue	~48 h	~96 h
zinc-plated, yellow	~144 h	~240 h
zinc-nickel		~720 h
powder coating		~192 h

The advantage of zinc-plated components is that they retain their corrosion protection despite minor damage. Zinc-plated parts are put through an additional chemical treatment called passivation. Yellow passivation provides greater protection against corrosion than blue passivation.
A zinc-nickel coating prevents the formation of white rust and can resist high temperatures. It can also be passivated and sealed.
Electrostatic powder coating involves spraying the powder used for the coating onto the component and then heating it.

Corrosion-resistant stainless steel is well known for its corrosion resistance. The most commonly used material (1.4301 / AISI 304) is a high-alloyed chromium-nickel steel.
Stainless steel ball bearings are made from material 1.4034 / AISI 420.

Temperature resistance

The functionality of a wheel or castor is also dependent on temperature-related factors.
The relevant temperature for the tread is a combination of the ambient temperature and the heat generated by friction. The amount of friction depends on the material, shape and load of the tread, as well as the length and surface properties of the distance travelled.

Friction resistance increases slightly at low temperatures. Furthermore, factors like cold and heat can reduce the load capacity and stability of plastics.
The load capacity and service life of treads decrease considerably with higher temperatures. High static loads and high temperatures also increase the risk of the wheel flattening. For this reason, Blickle developed special treads and wheel materials that can be used at high temperatures. For more information, please refer to heat-resistant wheels and castors on page 440–470.
The rigidity and hardness of many elastomer treads (particularly rubber and many polyurethane elastomers) increase significantly at low temperatures, while losing a significant amount of their elasticity. However, Blickle does provide special polyurethane elastomers that remain elastic and flexible in temperatures down to -30 °C.

Electrical conductivity

The electrical conductivity of wheels and castors provides protection against electrostatic discharges caused by transport equipment or the transported goods.

A wheel or castor is considered electrically conductive if its ohmic resistance does not exceed 10^4 Ω (product code suffix: -EL or -ELS).
A wheel or castor is considered antistatic if its ohmic resistance is between 10^5 and 10^7 Ω (product code suffix: -AS).

The coating can be removed from coated components like rims or wheel centres at the point where the assembly is fixed to the transport equipment to ensure that they are conductive. Conductivity should be tested by the operator at regular intervals as it can be impacted by dirt on the tread or other environmental factors.

Chemical resistance

Special attention must be given to the chemical resistance of a wheel or castor if they are likely to come into contact with aggressive substances. The table to the right provides reference values that you can use to compare the chemical resistance of different materials to chemical substances.
Please note that chemical resistance depends not only on the nature of the aggressive substance but also on how concentrated it is, the duration of contact and other conditions like temperature and air humidity.

Mixtures of different chemicals can have completely different effects to those listed in the table. The information provided is by no means legally binding. Please contact us if you are uncertain about anything or have any questions.

Wheels and castors guide

Environmental factors
Chemical resistance

+ resistant
0 resistant under certain conditions
x not resistant
L pitting, stress cracks
- no information

	Concentration in %	Rubber	TPE	Nylon	Polypropylene (PP Copo)	Polyurethane (ester) TPU / Extrathane / Softhane / Vulkollan	Polyurethane (ether) Besthane / Besthane Soft	Stainless steel (V2A, 1.4301, AISI 304)
1-Propanol		+	0	+	+	0	0	+
Acetaldehyde	40	0	+	0	+	0	+	0(L)
Acetic acid (ethanoic acid)	30	x	0	x	x	x	x	+
Acetone		+	0	+	+	0	x	+
Acrylic acid > 30 °C		-	+	x	+	x	x	-
Alkyl alcohol		+	+	0	+	0	0	+
Alkylbenzenes		x	0	+	0	-	-	+
Aluminum acetate, aqueous		+	+	+	+	x	0	+
Amines, aliphatic		0	0	+	+	x	x	+
Ammonia, aqueous	20	+	+	+	+	x	x	+
Ammonium carbonate, aqueous		+	+	-	+	x	x	+
Ammonium chloride		+	+	-	+	x	x	0(L)
Ammonium hydroxide, aqueous	10	-	+	-	+	x	x	+
Ammonium nitrate, aqueous		0	+	+	+	0	+	+
Ammonium salts		-	-	-	+	-	-	-
Ammonium sulfate, aqueous		0	+	+	+	+	+	+
Amyl acetate, aqueous		0	+	+	0	x	x	+
Aniline (aminobenzene)		x	0	0	+	x	x	+
Beer		+	+	+	+	+	+	+
Benzine		x	x	+	0	+	+	+
Benzol		x	x	+	x	x	x	+
Bitumen		x	0	+	+	+	+	+
Bleaching lye (sodium hypochlorite)	10	x	+	x	0	x	0	0(L)
Borax (sodium tetraborate)		+	+	+	+	+	+	+
Boric acid, aqueous	10	+	+	0	+	0	+	+
Bromine		x	0	x	x	x	x	x
Butter		x	+	+	+	+	+	+
Calcium salts, aqueous		+	+	x	+	0	0	+
Carbolineum		x	-	+	+	x	x	-
Carbon monoxide, dry		0	+	+	0	x	x	+
Carbon tetrachloride		x	x	+	x	x	x	+
Castor oil		+	+	+	+	+	+	+
Caustic potash, aqueous (potassium hydroxide)		0	+	+	+	0	+	+
Caustic soda (sodium hydroxide)		+	+	+	+	x	x	+
Chlorine, hydrogen chloride		x	0	x	x	x	x	x
Chromic acid, aqueous	10	x	0	0	+	x	0	+
Citric acid, aqueous	10	+	+	+	+	+	+	+
Copper chloride, aqueous		+	+	0	+	0	+	x
Copper salts, aqueous	10	-	+	x	+	0	+	-
Cottonseed oil		x	x	+	+	+	+	+
Cresols		x	x	x	0	x	x	+
Crude oil		x	x	+	+	+	+	+
Cyclohexanol (Hexalin, Anol)		0	0	+	0	0	x	+
Cyclohexanone		0	0	+	0	0	x	+
Descaler, aqueous	10	-	-	+	+	0	+	+
Detergent solution, 80°C		+	+	+	0	x	0	+
Dichlorobenzene		x	x	+	0	x	x	+
Dichloroethene		x	0	-	-	x	x	-
Diethylene glycol		+	+	0	+	0	0	+
Dimethyl ether		0	0	+	x	+	+	+
Dimethylaniline		x	0	0	x	x	x	+
Dimethylformamide		0	+	+	+	x	0	+
Ethanol		+	0	0	+	+	+	+
Ether (Diethylether)		x	0	+	x	+	+	+
Ethyl acetate (acidic ether)		0	0	+	0	x	x	0
Ethylene (ethene)		x	+	0	+	+	+	x
Fatty acids (oleic acids)		x	0	+	+	0	+	+
Flue gas		0	-	-	-	x	x	+
Formaldehyde (methanal)	30	+	+	+	+	0	0	+
Formamide, pure (methanamide)		+	0	+	+	x	x	+
Formic acid	10	0	+	x	+	x	x	+
Furfural (furfurol)		x	x	0	x	x	x	+

+ resistant
0 resistant under certain conditions
x not resistant
L pitting, stress cracks
- no information

	Concentration in %	Rubber	TPE	Nylon	Polypropylene (PP Copo)	Polyurethane (ester) TPU / Extrathane / Softhane / Vulkollan	Polyurethane (ether) Besthane / Besthane Soft	Stainless steel (V2A, 1.4301, AISI 304)
Glycol (ethylene glycol)		+	+	0	+	0	0	+
Hexan		x	0	+	0	+	+	+
Hydraulic fluid		x	x	+	0	x	x	+
Hydrochloric acid, aqueous	30	0	+	x	+	x	0	x
Iodine tincture		+	+	x	+	x	x	0(L)
Iron chloride, aqueous	10	0	+	x	+	0	+	x
Iron sulfate (iron vitriol)	10	+	+	0	+	0	+	+
Isopropyl chloride		x	0	+	0	x	x	-
Isopropyl ether (diisopropyl ether)		0	0	x	x	+	+	+
Lactic acid		x	+	x	+	x	x	0
Magnesium salts, aqueous	10	+	+	+	+	0	+	0(L)
Malic acid		0	+	+	+	x	0	+
Mercury chloride, aqueous		+	+	x	+	+	+	0(L)
Methyl alcohol (methanol)		0	+	0	+	+	0	+
Methyl ethyl ketone (butanone)		x	0	+	0	x	x	+
Methylene chloride (dichloromethane)		x	x	x	x	x	x	+
Milk		+	+	+	+	0	+	+
Mineral oils		x	x	+	0	+	+	+
Monobromobenzene (bromobenzene)		x	x	+	0	x	x	+
Mortar, cement, chalk		+	+	+	+	0	0	+
Mustard		-	-	+	+	+	+	0(L)
Naphthalene (mineral naphtha)		x	0	+	0	0	0	+
Nickel chloride, aqueous	10	+	+	0	+	0	+	0(L)
Nickel sulfate, aqueous	10	0	+	0	+	0	+	+
Oleic acid (oleinic acid, fatty acid)		x	0	+	+	0	+	+
Oxalic acid, aqueous	10	0	+	0	+	x	x	0
Ozone, atmospheric concentration		x	0	x	0	+	+	-
Palmitic acid (hexadecanoic acid)		x	0	+	0	0	+	+
Phenylbenzene (biphenyl, dibenzol)		x	x	-	-	x	x	+
Phosphoric acid, aqueous	10	0	+	x	+	0	+	+
Plant oils		x	x	+	0	+	+	+
Potassium chloride, aqueous (sylvin)	10	0	+	+	+	+	+	+
Potassium hydroxide, aqueous (caustic potash, potash lye)		0	+	+	+	0	+	+
Potassium sulfate		+	+	+	+	+	+	+
Propane		x	0	+	+	+	+	+
Road salt (solutions)		+	+	+	+	0	+	0(L)
Skydrol		x	x	+	+	x	x	+
Sodium carbonate, aqueous (soda)	10	+	+	+	+	x	x	+
Sodium chloride, aqueous (table salt)	10	0	+	+	+	0	+	0(L)
Sodium hydroxide, aqueous (caustic soda)	10	+	+	+	+	x	x	+
Sodium phosphate, aqueous	10	+	+	+	+	+	+	+
Sodium silicate, aqueous	10	+	+	+	+	x	0	+
Sodium sulfate, aqueous (Glauber salt)	10	0	+	+	+	0	+	+
Sodium sulfide, aqueous	10	0	+	+	+	0	0	+
Sodium thiosulfate, aqueous (antichlor)	10	0	+	+	+	0	+	0(L)
Stearic acid, aqueous		x	+	+	0	x	+	+
Sulfuric acid		0	+	x	+	x	x	+
Tannic acid	10	+	+	+	+	0	+	+
Tartaric acid, aqueous	10	+	+	0	+	0	+	+
Toluene (methylbenzene)		x	x	+	x	x	x	+
Trichloroethylene		x	x	0	0	x	x	+
Turpentine		x	x	+	x	x	x	+
Uric acid, aqueous	10	+	+	+	+	0	-	0(L)
Urine		+	+	+	+	0	+	0(L)
Vaseline		x	0	+	0	+	+	+
Wastewater		-	+	+	+	0	0	-
Water (seawater)		+	+	+	+	0	0	0(L)
Water up to 80°C		0	+	+	0	x	+	+
Water, cold		+	+	+	+	+	+	+
Xylene		x	x	+	x	x	x	+
Zinc chloride, aqueous	10	+	+	0	+	x	x	x

Material description for wheel treads

Rubber

Compared to polyurethane, plastic and metal, rubber treads offer a high level of operational comfort and outstanding floor surface preservation. On the other hand, their starting and rolling resistance is higher when compared to the other tread materials. In addition to their excellent quality standards, Blickle rubber treads provide specially-tailored mechanical properties depending on the type of rubber that is used. They are resistant to a wide variety of aggressive substances, with the exception of oils (see “Chemical resistance”, page 50–51).

By combining rubber treads with different wheel centre materials, we can provide wheels that meet almost every application requirement in any application environment.







Thermoplastic rubber elastomer (TPE)

Thermoplastic rubber elastomers are non-marking, quiet and provide a relatively low level of rolling and swivel resistance. TPE treads contain a small amount of oil and could therefore staining sensitive surfaces.

Technical details:
- colour grey, non-marking
- hardness 85 ± 3 Shore A

Optional:
- electrically conductive, grey, non-marking, leak resistance ≤10^4 Ω

Solid rubber

Solid rubber tyres can be used for a wide variety of applications. They are vibration-absorbing and impact-resistant.
Black, standard, solid rubber can mark sensitive surfaces. A non-marking, grey, solid rubber tread can be used as an alternative in such cases.

Technical details:
- colour black
- hardness 80 +5 / -10 Shore A

Optional:
- colour grey, non-marking
- electrically conductive, leak resistance ≤10^4 Ω
- high temperature resistant version up to +200 °C (VEHI series)
- high temperature resistant version up to +260 °C (VKHT series)

Soft rubber “Blickle Soft”

Our “Blickle Soft” soft rubber tyres are based on a specially-developed highly-elastic rubber compound. The tread is vibration-absorbing and has extremely good floor preservation properties. Our “Blickle Soft” soft rubber also provides outstanding operational comfort and low levels of starting and rolling resistance, even on challenging surfaces. It can therefore be used as a puncture-proof alternative to pneumatic tyres.

Technical details:
- colour black
- hardness 50 + 5 Shore A

Optional:
- colour grey, non-marking

Material description for wheel treads

Rubber



Blickle Comfort

Two-component solid rubber “Blickle Comfort”

The “Blickle Comfort” two-component solid rubber tyre is vibration-absorbing, has good floor preservation properties and provides good operational comfort. The special design incorporates a solid rubber core and a highly elastic tread, giving the “Blickle Comfort” two-component solid rubber tyre a higher load capacity and a lower level of starting and rolling resistance than a traditional solid rubber tyre.

Technical details:
- colour black
- hardness 65 ± 4 Shore A (Rubber core 90 Shore A)

Optional:
- colour grey, non-marking (tread hardness: 56 ± 4 Shore A)



Blickle SoftMotion

Soft rubber “Blickle SoftMotion”

The “Blickle SoftMotion” soft rubber tyre has a special tread made of high-quality elastic solid rubber, which transforms rolling into a smooth gliding motion. The tread is vibration-absorbing and has extremely good floor preservation properties. The tyre is vulcanised onto the wheel centre. This allows the wheels to withstand even high levels of lateral stress. The thick tread, with its specially-designed contour and hardness of 55 Shore A, has a particularly high level of elasticity and low rolling resistance due to the use of a high-quality rubber compound.

Technical details:
- colour grey, non-marking
- hardness 55 ± 3 Shore A



Blickle EasyRoll

Elastic solid rubber “Blickle EasyRoll”

Elastic solid rubber tyres are based on a special rubber compound containing a high proportion of natural rubber. Alongside the traditional properties of a solid rubber tread, they provide increased operational comfort, a particularly high load capacity and extremely low starting and rolling resistance due to the elasticity of the Blickle elastic solid rubber tread.

Elastic solid rubber press-on bands are available in two different versions:
- The first is designed for smooth rolling. This version is resistant to abrasion and boasts a particularly low level of starting and rolling resistance.
- The second is designed for drive quality. This version maximises resistance to abrasion while maintaining a low level of starting and rolling resistance.

Technical details:
- colour black
- hardness 65 ± 3 Shore A

Optional:
- colour grey, non-marking
- colour blue, non-marking
- friction wheel quality, 70 ± 5 Shore A
- electrically conductive, black leak resistance ≤10^4 Ω
- antistatic, grey, non-marking, leak resistance ≤10^7 Ω



Blickle TempLine® Comfort

Silicone rubber “TempLine® Comfort”

Heat-resistant silicone-elastomer is non-marking, abrasion-resistant, highly elastic, suitable for autoclaves, ageing resistant, odourless, physiologically harmless and resistant to UV radiation. However, it is not resistant to strong lyes, chlorinated hydrocarbons and aromatic hydrocarbons. While the mechanical properties are adequate, silicone-elastomers provide a high level of operational comfort and consistently low levels of deformation.

Heat-resistant silicone-elastomer can be used in temperatures between -25 °C and +250 °C.

Technical details:
- colour black, non-marking
- hardness 75 ± 4 Shore A

Optional:
- colour grey, non-marking

Wheels and castors guide

Material description for wheel treads

Rubber





Pneumatic tyre

Rubber pneumatic tyres are vibration-absorbing and have extremely good floor preservation properties. They also provide outstanding operational comfort and a low level of rolling resistance, even on poor quality surfaces. The thickness of the tyre is given in the form of a ply rating. Light tyres have a ply rating of between 2 and 4, while heavy tyres have a ply rating of between 6 and 10. To optimise performance and guarantee a long service life, we recommend maintaining the tyre pressure specified in the relevant table to prevent damage to the tyre.

The wheel and tyre dimensions provided here apply to new tyres that are not bearing a load. Their width and diameter may change when they are in use.

Technical details:
- colour black
- hardness 60 ± 5 Shore A

Optional:
- colour grey, non-marking

Super-elastic solid rubber

Super-elastic solid rubber tyres are multicomponent tyres. Their rubber core is made up of a tough rubber compound with reinforced steel-wires. This keeps the tyres seated securely on the rim, even under heavy loads.
A highly elastic cushion layer keeps tyre temperatures low, even when transporting heavy loads at high speed.
The thick, abrasion-resistant tread protects the tyre against external damage and ensures that they remain in service for a long time. This makes the tyre particularly suitable for challenging application conditions. Super-elastic solid rubber tyres also provide outstanding operational comfort and a low level of rolling resistance, even on poor quality surfaces. They are puncture-proof and maintenance-free, can be steered precisely and have an abrasion-resistant tread. All of these factors and their good structural integrity make them superior to pneumatic tyres.

The wheel and tyre dimensions provided here apply to new tyres that are not bearing a load. Their width and diameter may change when they are in use.

Technical details:
- colour black
- hardness 70 ± 4 Shore A

Optional:
- colour grey, non-marking
- antistatic, leak resistance ≤10^7 Ω

Wheels and castors guide

Material description for wheel treads

Polyurethane

Polyurethane wheel treads are non-marking, non-staining, elastic, highly abrasion-resistant and have good floor preservation properties. They also have particularly long service lives and excellent resistance to a wide range of aggressive substances (see “Chemical resistance”, page 50–51).

In addition to this, they have low levels of starting and rolling resistance and are also suitable for higher speeds.

Blickle develops its own reaction-casted polyurethanes by combining different diisocyanates, polyols and cross-linking agents. The properties of our products are affected by the type and proportion of raw materials that are used and the reaction conditions.





Blickle Extrathane®



Blickle Softhane®

Thermoplastic polyurethane (TPU)

Blickle uses thermoplastic injection-moulded polyurethane-elastomer (TPU) in a wide range of wheels for varied applications. In addition to hard wheels (POTH series: heavy-duty design for transport equipment and heavy-duty applications, PATH series: lightweight design for light-duty and transport applications), Blickle also manufactures wheels with a soft tread, which are specifically designed for use in hygienic areas (POTHS series), as well as guide rollers (FPTH, FPU series).
The soft version of the TPU provides a particularly high level of operational comfort and vibration absorption.
Wheels with a TPU tread in the FPTH series are also hydrolysis resistant.

Technical details:
- colour:
  blue (POTHS series)
  dark grey (PATH, POTH, FPTH series)
  brown (FPU series)
- hardness:
  80 ± 5 Shore A (POTHS series);
  92 ± 3 Shore A (FPTH series);
  94 ± 3 Shore A (PATH, POTH series);
  98 ± 2 Shore A (FPU series)

Optional:
- electrically conductive, grey, non-marking, leak resistance ≤10^4 Ω

Polyurethane-elastomer Blickle Extrathane®

Blickle Extrathane® is a reaction-casted, hard polyurethane-elastomer. It is particularly resistant to cut and tear propagation, and provides a low level of starting and rolling resistance.
Blickle Extrathane® is provided in a non-marking light brown or grey (antistatic version) as standard, and has a hardness of 92 ± 3 Shore A. Blickle can also provide other colours and hardness levels if adequate quantities are required.

Technical details:
- colour light brown
- hardness 92 ± 3 Shore A

Optional:
- antistatic, grey, non-marking, leak resistance ≤10^7 Ω
- extra crowned tread

Polyurethane-elastomer Blickle Softhane®

Blickle Softhane® is a reaction-casted, soft polyurethane-elastomer. It is particularly good at absorbing vibrations and preserving floor surfaces. It also offers a low level of starting and rolling resistance.
Blickle Softhane® is provided in a non-marking green or grey (antistatic version) as standard, and has a hardness of 75 ± 5 Shore A. Blickle can also provide other colours and hardness levels if adequate quantities are required.

Technical details:
- colour green
- hardness 75 + 5 Shore A

Optional:
- antistatic, grey, non-marking, leak resistance ≤10^7 Ω
- extra crowned tread

Material description for wheel treads

Polyurethane



Blickle Besthane®



Blickle Besthane® Soft



Polyurethane-elastomer Blickle Besthane®

Blickle Besthane® is a reaction-casted, hard polyurethane-elastomer. Blickle Besthane® offers a lower level of starting and rolling resistance than Blickle Extrathane®, in addition to being hydrolysis resistant. Wheels with a Blickle Besthane® tread are highly resistant to heat buildup under dynamic load and are particularly suitable for higher speeds of up to 16 km/h.
This tread is available in brown as standard and has a hardness of 92 ± 3 Shore A. Other colours, hardness levels and electrically conductive versions are available if adequate quantities are required.

Technical details:
- colour brown
- hardness 92 ± 3 Shore A
- hydrolysis resistant

Optional:
- crowned tread (ALB series)

Polyurethane-elastomer Blickle Besthane® Soft

Blickle Besthane® Soft is a reaction-casted, soft polyurethane-elastomer. Blickle Besthane® Soft offers a lower level of starting and rolling resistance than Blickle Softhane®, in addition to being hydrolysis resistant. Wheels with a Blickle Besthane® Soft tread are resistant to heat buildup under dynamic load and are particularly suitable for higher speeds of up to 16 km/h.
This tread is available in blue as standard and has a hardness of 75 + 5 Shore A. Other colours and hardness levels are available if adequate quantities are required.

Technical details:
- colour blue
- hardness 75 + 5 Shore A
- hydrolysis resistant

Optional:
- extra crowned tread

Vulkollan®

Vulkollan® is a reaction-casted, hard polyurethane-elastomer with similar properties to Blickle Besthane®. They are particularly resistant to dynamic loads. Due to its mechanical properties, Vulkollan® is primarily used for guide rollers in conveying systems and for drive wheels in industrial trucks.

Vulkollan® will change colour when exposed to UV radiation.

Technical details:
- colour natural
- hardness 92 ± 3 Shore A

Optional:
- hardness 95 ± 3 Shore A

Made of VULKOLLAN® VULKOLLAN® is a registered trademark of Covestro Group

Material description for wheel treads

Synthetic

Blickle's synthetic product range includes thermoplastic and thermoset substances. Nylon, cast nylon and polypropylene are thermoplastics. These are impact-resistant, non-marking, non-staining, corrosion-resistant and odourless. Their material properties vary significantly depending on the exact composition of the substance. They are therefore used for a wide range of applications. Phenolic resin is a thermoset substance with a particularly high level of heat resistance.

Polypropylene

Polypropylene is an injection-moulded thermoplastic material. It provides a low level of rolling resistance, does not absorb moisture and is resistant to a wide range of aggressive substances (see "Chemical resistance", page 50–51). Polypropylene has a lower load capacity than nylon.

Technical details:
- colour natural white (PPN series)
  colour black (PP series)
- hardness 60 ± 5 Shore D

Optional:
- electrically conductive, leak resistance ≤10^4 Ω

Nylon

Nylon is an injection-moulded thermoplastic material. It is hygienic, highly abrasion-resistant and has a very low level of starting and rolling resistance. They are also resistant to a wide variety of aggressive substances (see "Chemical resistance", page 50–51). Nylon can absorb and release moisture. Its dimensions can therefore fluctuate depending on the moisture and temperature in the area.

Special heat-resistant nylons are used in temperatures of up to 170 °C.

Technical details:
- colour natural white (PO series)
  colour black (POA series)
- hardness 70 ± 5 Shore D

Optional:
- electrically conductive, grey, non-marking, leak resistance ≤10^4 Ω
- colour blue
- heat-resistant version (colour natural, 85 ± 5 Shore D)

Cast nylon

Cast nylon is a thermoplastic, reaction-injected plastic. It is highly abrasion resistant, hygienic and resistant to a wide range of aggressive substances (see "Chemical resistance", page 50-51). It also provides a much lower level of starting and rolling resistance.
Cast nylon has a much higher load capacity than nylon.

The relatively high floor pressure of cast nylon should be taken into consideration if you intend to use it on pressure-sensitive floors.

Technical details:
- colour natural beige
- hardness 80 ± 3 Shore D

Synthetic



Phenolic resin

Phenolic resin is a thermoset substance.
It is capable of handling static loads and is suitable for thermally-challenging environments.
Wheels made of phenolic resin are not particularly suitable for rough surfaces or crossing obstacles due to the high level of operation involved and their limited amount of mechanical resistance.

Phenolic resin can be used in temperatures between -35 °C and 260 °C. It is capable of withstanding 300 °C for a short time.

Technical details:
- colour black
- hardness 90 ± 3 Shore D

Material description for wheel treads

Metal

Metal treads have an extremely high load capacity and maintain their tensile strength and hardness in a wide range of temperatures.

One disadvantage is that they exert a relatively high level of floor pressure. This should be taken into consideration if they are used on pressure.





Cast iron

Blickle cast iron wheels are made of robust lamellar EN-GJL-250 (GG 25) grey cast iron, which meets DIN EN 1561 / ISO 185 standards or EN-GJS-400-15 (GGG 40) ductile cast iron, which meets DIN EN 1563 / ISO 1083 standards. Cast iron is extremely robust and wear-resistant, and can be used in temperatures between -100 °C and +600 °C. The graphite component provides cast iron's established dry running properties for plain bores and increases corrosion resistance.

Technical details:
- colour silver (lacquered)
- hardness 180–220 HB
- electrically conductive, leak resistance ≤10^4 Ω

Steel

Steel wheels are made of heat-treatable steel that is particularly suitable for wheels.
They have a higher load capacity than wheels made of grey cast iron and are therefore more resistant to dynamic loads.
However, steel wheels do exert more floor pressure than cast iron wheels.

Technical details:
- hardness 190–230 HB
- electrically conductive, leak resistance ≤10^4 Ω

Wheels and castors guide

Blickle wheel series

Wheels for light-duty and transport equipment castors






Series	TPA	VPA	POES	ALES
Wheel Ø	50–200 mm	50–150 mm	80–200 mm	150–250 mm
Load capacity	50–250 kg	40–130 kg	110–350 kg	280–440 kg
Tread / tyre	high-quality thermoplastic rubber-elastomer (TPE), colour grey (see page 52 for a material description)	high-quality solid rubber, colour grey (see page 52 for a material description)	high-quality elastic solid rubber "Blickle SoftMotion", colour grey (see page 53 for a material description)	high-quality elastic solid rubber "Blickle SoftMotion", colour grey (see page 53 for a material description)
Wheel centre / rim	high-quality polypropylene, impact resistant, colour silver grey ("-ELS" version colour black)	high-quality nylon 6 or polypropylene in the version "-EL", impact resistant, colour black	high-quality nylon 6, impact resistant, colour black	die-cast aluminium, colour silver grey
Connection tread / tyre with wheel centre / rim	chemically bonded	pressed-on tyre	vulcanised tyre	vulcanised tyre
Tread & tyre hardness	85 Shore A	80 Shore A	55 Shore A	55 Shore A
Floor preservation / smooth operation	good	very good	excellent	excellent
Rolling resistance	very good	good	very good	very good
Wear resistance	satisfactory	sufficient	good	good
Non-marking	✓	✓	✓	✓
Temperature resistance	-20 °C to +60 °C	-20 °C to +60 °C	-20 °C to +80 °C temporarily up to +100 °C	-20 °C to +80 °C temporarily up to +100 °C
Bearing types (refer to page 84–85)	plain bore, roller bearing, ball bearing (C)	plain bore, ball bearing	ball bearing (C), ball bearing (CC)	ball bearing
Options	• electrically conductive, non-marking, grey (-ELS) • thread guard with ball bearing seal (-KFD) • stainless steel roller bearing (-XR)	• electrically conductive, black tyre, marking (-EL) • thread guard (-FA)	• thread guard with ball bearing seal (-KAD / -KFD) • stainless steel ball bearing and thread guard (-XKA / -XKF)	
Additional considerations	• the load capacity reduces at ambient temperatures above +30 °C • wheels with ball bearing (C) with integrated synthetic thread guard as standard • oil containing, staining possible	• the load capacity reduces at ambient temperatures above +30 °C	• the load capacity reduces at ambient temperatures above +35 °C • wheels with ball bearing (C) and ball bearing (CC) with integrated synthetic thread guard as standard	• the load capacity reduces at ambient temperatures above +60 °C
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Wheels and castors guide

Blickle wheel series

Wheels for light-duty and transport equipment castors






Series	PATH	POA	VPP	VE
Wheel Ø	50–200 mm	35–150 mm	80–400 mm	80–200 mm
Load capacity	75–500 kg	75–280 kg	50–350 kg	50–205 kg
Tread / tyre	high-quality thermoplastic polyurethane (TPU), colour dark grey (see page 55 for a material description)	high-quality nylon 6, impact resistant, colour black (see page 57 for a material description)	standard solid rubber, colour black (see page 52 for a material description)	standard solid rubber, colour black (see page 52 for a material description)
Wheel centre / rim	high-quality nylon 6, impact resistant, colour silver grey	high-quality nylon 6, impact resistant, colour black	high-quality polypropylene, impact resistant, colour black	pressed steel, zinc-plated, blue-passivated, Cr6-free
Connection tread / tyre with wheel centre / rim	chemically bonded		pressed-on tyre	tyre pressed with rim
Tread & tyre hardness	94 Shore A	70 Shore D	80 Shore A	80 Shore A
Floor preservation / smooth operation	good	satisfactory	very good	very good
Rolling resistance	very good	excellent	satisfactory	satisfactory
Wear resistance	very good	good	sufficient	sufficient
Non-marking	✓	✓	optional	optional
Temperature resistance	-20 °C to +70 °C temporarily up to +90 °C	-20 °C to +80 °C	-20 °C to +60 °C	-25 °C to +80 °C
Bearing types (refer to page 84–85)	plain bore, roller bearing, ball bearing (C)	plain bore, ball bearing (C)	plain bore, roller bearing, ball bearing	roller bearing
Options	• electrically conductive, non-marking, grey (-ELS) • thread guard with ball bearing seal (-KAD / -KFD)		• non-marking, grey tyre (-SG) • stainless steel roller bearing (-XR) • STARLOCK® cap made from stainless steel (ST-KA...) • thread guard (-FA)	• non-marking, grey tyre (-SG) • electrically conductive (-EL) • thread guard (-FA)
Additional considerations	• the load capacity reduces at ambient temperatures above +35 °C • wheels with ball bearing (C) with integrated synthetic thread guard as standard	• the load capacity reduces at ambient temperatures above +35 °C	• the load capacity reduces at ambient temperatures above +30 °C	• the load capacity reduces at ambient temperatures above +60 °C
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Wheels and castors guide

Blickle wheel series

Wheels for transport equipment and heavy-duty castors









Series	V	VWPP	VW	RD
Wheel Ø	80–400 mm	125–260 mm	125–260 mm	100–280 mm
Load capacity	50–800 kg	50–200 kg	50–200 kg	100–650 kg
Tread / tyre	standard solid rubber, colour black (see page 52 for a material description)	soft rubber “Blickle Soft”, round profile, colour black, wheel Ø 260 mm with additional hard rubber core (see page 52 for a material description)	soft rubber “Blickle Soft”, round profile, colour black, wheel Ø 260 mm with additional hard rubber core (see page 52 for a material description)	two-component solid rubber “Blickle Comfort”, hard rubber core and highly elastic tread, colour black (see page 53 for a material description)
Wheel centre / rim	pressed steel, strong rim structure with tubular steel hub, bolted or pressed, zinc-plated, blue-passivated, Cr6-free	high-quality polypropylene, impact resistant, colour black	pressed steel, strong rim structure with tubular steel hub, bolted or pressed, zinc-plated, blue-passivated, Cr6-free	pressed steel, strong rim structure with tubular steel hub, bolted or pressed, zinc-plated, blue-passivated, Cr6-free
Connection tread / tyre with wheel centre / rim	tyre pressed with rim	pressed-on tyre	tyre pressed with rim	tyre pressed with rim
Tread & tyre hardness	80 Shore A	50 Shore A	50 Shore A	65 Shore A
Floor preservation / smooth operation	very good	excellent	excellent	very good
Rolling resistance	satisfactory	good	good	good
Wear resistance	sufficient	satisfactory	satisfactory	satisfactory
Non-marking	optional	optional	optional	optional
Temperature resistance	-20 °C to +80 °C	-20 °C to +60 °C	-20 °C to +80 °C	-20 °C to +80 °C
Bearing types (refer to page 84–85)	plain bore, roller bearing, ball bearing	plain bore, roller bearing, ball bearing	roller bearing, ball bearing	roller bearing, ball bearing
Options	• non-marking, grey tyre (-SG) • electrically conductive (-EL) • thread guard (-FA)	• non-marking, grey tyre (-SG) • stainless steel roller bearing (-XR) • thread guard (-FA)	• non-marking, grey tyre (-SG) • thread guard (-FA)	• non-marking, grey tyre, 56 Shore A (-VLI) • thread guard (-FA)
Additional considerations	• the load capacity reduces at ambient temperatures above +60 °C • centrally-pressed rim: special impact and shock-resistant design • award-winning design (“Die gute Industrieform”)	• the load capacity reduces at ambient temperatures above +30 °C	• the load capacity reduces at ambient temperatures above +60 °C • centrally-pressed rim: special impact and shock-resistant design • award-winning design (“Die gute Industrieform”)	• the load capacity reduces at ambient temperatures above +60 °C • centrally-pressed rim: special impact and shock-resistant design • award-winning design (“Die gute Industrieform”)
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Wheels and castors guide

Blickle wheel series

Wheels for transport equipment and heavy-duty castors









Series	POEV	ALEV	SE	GEV
Wheel Ø	60–300 mm	100–250 mm	80–415 mm	250–620 mm
Load capacity	120–650 kg	200–650 kg	200–1,150 kg	870–4,540 kg
Tread / tyre	high-quality elastic solid rubber "Blickle EasyRoll" in smooth rolling quality, colour black (see page 53 for a material description)	high-quality elastic solid rubber "Blickle EasyRoll" in smooth rolling quality, colour black (see page 53 for a material description)	high-quality elastic solid rubber "Blickle EasyRoll" in smooth rolling quality, colour black (see page 53 for a material description)	high-quality elastic solid rubber in smooth rolling quality, colour black (see page 53 for a material description)
Wheel centre / rim	high-quality nylon 6, impact resistant, colour black	die-cast aluminium, colour silver grey	thick-walled pressed steel, with tubular steel hub, triple welded, lacquered, colour anthracite (version -SG: lacquered, silver colour) wheel Ø 80–125 mm made from high-quality nylon 6, impact resistant, colour black	rugged grey cast iron, with grease nipple, lacquered, colour anthracite
Connection tread / tyre with wheel centre / rim	vulcanised tyre	vulcanised tyre	vulcanised or steel-wire reinforced tyre, pressed-on	steel-wire reinforced tyre, pressed-on
Tread & tyre hardness	65 Shore A	65 Shore A	65 Shore A	65 Shore A
Floor preservation / smooth operation	very good	very good	very good	very good
Rolling resistance	very good	very good	very good	very good
Wear resistance	good	good	good	good
Non-marking	optional	optional	optional	optional
Temperature resistance	-20 °C to +80 °C temporarily up to +100 °C	-20 °C to +80 °C temporarily up to +100 °C	-20 °C to +80 °C temporarily up to +100 °C	-20 °C to +80 °C temporarily up to +100 °C
Bearing types (refer to page 84–85)	plain bore, roller bearing, ball bearing (C), ball bearing (CC), ball bearing	ball bearing	ball bearing	ball bearing
Options	• non-marking, grey tyre (-SG) • non-marking, blue tyre (-SB) • electrically conductive (-EL) • stainless steel roller bearing (-XR) • thread guard with ball bearing seal (-KAD / -KFD) • stainless steel ball bearing and thread guard (-XKA / -XKF) • thread guard (-FA)	• non-marking, grey tyre (-SG) • antistatic, non-marking, grey tyre (-SG-AS) • electrically conductive (-EL)	• non-marking, grey tyre (-SG) • grease nipple (-NI)	• non-marking, natural colour tyre (-SN) • hub cap for use as end wheel (-E) • drive wheel with hub keyway (see series GEVN) • hub fitting wheel (see series GEVA) (see series GEVA)
Additional considerations	• the load capacity reduces at ambient temperatures above +35 °C • electrically conductive version (-EL) with increased rolling resistance • wheels with ball bearing (C) and ball bearing (CC) with integrated synthetic thread guard as standard	• the load capacity reduces at ambient temperatures above +60 °C • electrically conductive version (-EL) with increased rolling resistance • speeds up to a maximum of 10 km/h are permitted with a reduced load capacity	• the load capacity reduces at ambient temperatures above +60 °C • wheel centre particularly resistant to dirt, impact and shocks • speeds up to a maximum of 10 km/h are permitted with a reduced load capacity	• the load capacity reduces at ambient temperatures above +60 °C • wheel centre is approximately 4 mm wider than the specified wheel width • speeds up to a maximum of 16 km/h are permitted with a reduced load capacity
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Wheels and castors guide

Blickle wheel series

Wheels for transport equipment and heavy-duty castors









Series	DS	PK	P	PS
Wheel Ø	300–500 mm	200–400 mm	180–415 mm	300–536 mm
Load capacity	1,800–4,580 kg	75–250 kg	50–525 kg	450–1,300 kg
Tread / tyre	high-quality elastic solid rubber in smooth rolling quality, colour black (see page 53 for a material description)	pneumatic tyre, ribbed or zig-zag profile, 2-ply rating, colour black (see page 54 for a material description)	pneumatic tyre, ribbed or zig-zag profile, 2 or 4 ply rating, colour black (see page 54 for a material description)	pneumatic tyre, zig-zag profile, 6, 8 or 10 ply rating, colour black (see page 54 for a material description)
Wheel centre / rim	very strong welded steel construction, with tubular steel hub, with grease nipple, lacquered, colour anthracite	high-quality polypropylene, impact resistant, colour black	pressed steel, bolted (flat base rim) or triple welded drop base rim, zinc-plated, blue-passivated, Cr6-free or lacquered, colour silver	heavy pressed steel, bolted (flat base rim), with welded tubular steel hub, zinc-plated, blue-passivated, Cr6-free
Connection tread / tyre with wheel centre / rim	steel-wire reinforced tyre, pressed-on	tyre mounted on rim	tyre mounted on rim	tyre mounted on rim
Tread & tyre hardness	65 Shore A	60 Shore A	60 Shore A	60 Shore A
Floor preservation / smooth operation	very good	excellent	excellent	excellent
Rolling resistance	very good	good	good	good
Wear resistance	good	satisfactory	satisfactory	satisfactory
Non-marking	–	–	optional	–
Temperature resistance	-20 °C to +80 °C temporarily up to +100 °C	-20 °C to +40 °C	-20 °C to +50 °C	-20 °C to +50 °C
Bearing types (refer to page 84–85)	ball bearing	plain bore, roller bearing, ball bearing	plain bore, roller bearing, ball bearing	ball bearing
Options	• hub cap for use as end wheel (-E) • drive wheel with hub keyway (see series DSN)	• rim colour red (-ROT) • puncture-proof soft rubber wheel (see series VWPP)	• non-marking, grey tyre (-SG) • puncture-proof foam-filled tyre (-AG), slightly reduced compression and operational comfort • hub cap for use as end wheel (-E) • puncture-proof soft rubber wheel (see series VW) • hub fitting wheel (see series PA)	• hub cap for use as end wheel (-E)
Additional considerations	• the load capacity reduces at ambient temperatures above +60 °C • wheel centre is approximately 4 mm wider than the specified wheel width • speeds up to a maximum of 16 km/h are permitted with a reduced load capacity	• the load capacity reduces at ambient temperatures above +30 °C • wheel width and diameter can change during operation	• speeds up to a maximum of 16 km/h are permitted with a reduced load capacity • wheel width and diameter can change during operation	• speeds up to a maximum of 25 km/h are permitted with a reduced load capacity • wheel width and diameter can change during operation
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Wheels and castors guide

Blickle wheel series

Wheels for transport equipment and heavy-duty castors









Series	VLE	POTH	POTHS	ALTH
Wheel Ø	250–525 mm	75–250 mm	100–200 mm	80–250 mm
Load capacity	450–1,885 kg	200–1,000 kg	200–550 kg	200–1,250 kg
Tread / tyre	super-elastic solid rubber, 2-component or 3-component tyres, tough rubber core, highly elastic, abrasion-resistant tread, colour black (see page 54 for a material description)	high-quality thermoplastic polyurethane (TPU), colour dark grey (see page 55 for a material description)	high-quality thermoplastic polyurethane (TPU), colour blue (see page 55 for a material description)	high-quality polyurethane elastomer Blickle Extrathane®, colour light brown (see page 55 for a material description)
Wheel centre / rim	heavy pressed steel, bolted, with welded tubular steel hub or reinforced rim version, zinc-plated, blue-passivated, Cr6-free	high-quality nylon 6, impact resistant, colour natural white	high-quality nylon 6, impact resistant, colour natural white	die-cast aluminium, colour silver grey
Connection tread / tyre with wheel centre / rim	steel-wire reinforced tyre, mounted on rim	chemically bonded	chemically bonded	cast tread
Tread & tyre hardness	70 Shore A	94 Shore A	80 Shore A	92 Shore A
Floor preservation / smooth operation	very good	good	very good	good
Rolling resistance	good	very good	very good	very good
Wear resistance	good	very good	good	excellent
Non-marking	optional	✓	✓	✓
Temperature resistance	-20 °C to +80 °C temporarily up to +100 °C	-20 °C to +70 °C temporarily up to +90 °C	-20 °C to +70 °C temporarily up to +90 °C	-20 °C to +70 °C temporarily up to +90 °C
Bearing types (refer to page 84–85)	ball bearing	plain bore, roller bearing, ball bearing (C), ball bearing	plain bore, roller bearing, ball bearing (C), ball bearing	ball bearing
Options	• non-marking, grey tyre (-SG) • antistatic, black tyre (-AS) • hub cap for use as end wheel (-E) • hub fitting wheel (see series VLEA) (see series VLEA)	• stainless steel roller bearing (-XR) • stainless steel ball bearing (-XK) • stainless steel ball bearing and thread guard (-XKA) • thread guard with ball bearing seal (-KAD) • thread guard (-FA)	• stainless steel roller bearing (-XR) • stainless steel ball bearing (-XK) • stainless steel ball bearing and thread guard (-XKA) • thread guard (-FA)	• extremely crowned tread (-CO) • antistatic, non-marking, grey (-AS)
Additional considerations	• the load capacity reduces at ambient temperatures above +60 °C • wheel width and diameter can change during operation • speeds up to a maximum of 25 km/h are permitted with a reduced load capacity • puncture-proof and maintenance-free	• the load capacity reduces at ambient temperatures above +35 °C • wheels with ball bearing (C) with integrated synthetic thread guard as standard	• the load capacity reduces at ambient temperatures above +35 °C • wheels with ball bearing (C) with integrated synthetic thread guard as standard	• the load capacity reduces at ambient temperatures above +40 °C • speeds up to a maximum of 10 km/h are permitted with a reduced load capacity
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Wheels and castors guide

Blickle wheel series

Wheels for transport equipment and heavy-duty castors






Series	SETH	VSTH	GTH	ALST
Wheel Ø	125–250 mm	35–125 mm	100–1,000 mm	80–300 mm
Load capacity	500–1,350 kg	100–540 kg	450–30,000 kg	200–1,150 kg
Tread / tyre	high-quality polyurethane elastomer Blickle Extrathane®, colour light brown (see page 55 for a material description)	high-quality polyurethane elastomer Blickle Extrathane®, colour light brown (see page 55 for a material description)	high-quality polyurethane elastomer Blickle Extrathane®, colour light brown (see page 55 for a material description)	high-quality polyurethane elastomer Blickle Softhane®, colour green (see page 55 for a material description)
Wheel centre / rim	thick-walled pressed steel, triple welded, with tubular steel hub, lacquered, colour silver	steel	rugged grey cast iron, with grease nipple from wheel Ø 150 mm, lacquered, colour silver	die-cast aluminium, colour silver grey
Connection tread / tyre with wheel centre / rim	cast tread	cast tread	cast tread	cast tread
Tread & tyre hardness	92 Shore A	92 Shore A	92 Shore A	75 Shore A
Floor preservation / smooth operation	good	good	good	very good
Rolling resistance	very good	very good	very good	very good
Wear resistance	excellent	excellent	excellent	very good
Non-marking	✓	✓	✓	✓
Temperature resistance	-20 °C to +70 °C temporarily up to +90 °C	-20 °C to +70 °C temporarily up to +90 °C	-20 °C to +70 °C temporarily up to +90 °C	-20 °C to +70 °C temporarily up to +90 °C
Bearing types (refer to page 84–85)	ball bearing	ball bearing	ball bearing, spherical roller bearing	ball bearing
Options	• grease nipple (-NI)		• antistatic, non-marking, grey (-AS) • drive wheel with hub keyway (see series GTHN)	• antistatic, non-marking, grey (-AS) • extremely crowned tread (-CO)
Additional considerations	• the load capacity reduces at ambient temperatures above +40 °C • wheel centre particularly resistant to dirt, impact and shocks • speeds up to a maximum of 10 km/h are permitted with a reduced load capacity	• the load capacity reduces at ambient temperatures above +40 °C	• the load capacity reduces at ambient temperatures above +40 °C • speeds up to a maximum of 10 km/h are permitted with a reduced load capacity	• the load capacity reduces at ambient temperatures above +40 °C • speeds up to a maximum of 10 km/h are permitted with a reduced load capacity
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Wheels and castors guide

Blickle wheel series

Wheels for transport equipment and heavy-duty castors






Series	GST	ALB	VSB	GB
Wheel Ø	125–400 mm	100–250 mm	80 mm	100–1,000 mm
Load capacity	450–3,000 kg	400–1,250 kg	500 kg	450–30,000 kg
Tread / tyre	high-quality polyurethane elastomer Blickle Softhane®, colour green (see page 55 for a material description)	high-quality polyurethane elastomer Blickle Besthane®, colour brown (see page 56 for a material description)	high-quality polyurethane elastomer Blickle Besthane®, colour brown (see page 56 for a material description)	high-quality polyurethane elastomer Blickle Besthane®, colour brown (see page 56 for a material description)
Wheel centre / rim	rugged grey cast iron, with grease nipple from wheel Ø 160 mm, lacquered, colour silver	die-cast aluminium, colour silver grey	steel	rugged grey cast iron, with grease nipple from wheel Ø 150 mm, lacquered, colour silver
Connection tread / tyre with wheel centre / rim	cast tread	cast tread	cast tread	cast tread
Tread & tyre hardness	75 Shore A	92 Shore A	92 Shore A	92 Shore A
Floor preservation / smooth operation	very good	good	good	good
Rolling resistance	very good	excellent	excellent	excellent
Wear resistance	very good	excellent	excellent	excellent
Non-marking	✓	✓	✓	✓
Temperature resistance	-20 °C to +70 °C temporarily up to +90 °C	-20 °C to +70 °C temporarily up to +90 °C	-20 °C to +70 °C temporarily up to +90 °C	-20 °C to +70 °C temporarily up to +90 °C
Bearing types (refer to page 84–85)	ball bearing	ball bearing	ball bearing	ball bearing, spherical roller bearing
Options	• antistatic, non-marking, grey (-AS) • drive wheel with hub keyway (see series GSTN) • hub fitting wheel (see series GSTA)			• electrically conductive, non-marking (-ELS) • cast nylon wheel centre, hydrolysis resistant, (see series GSPOB) • drive wheel with hub keyway (see series GBN) • hub fitting wheel (see series GBA)
Additional considerations	• the load capacity reduces at ambient temperatures above +40 °C • speeds up to a maximum of 10 km/h are permitted with a reduced load capacity	• the load capacity reduces at ambient temperatures above +40 °C • speeds up to a maximum of 16 km/h are permitted with a reduced load capacity	• the load capacity reduces at ambient temperatures above +40 °C	• the load capacity reduces at ambient temperatures above +40 °C • speeds up to a maximum of 16 km/h are permitted with a reduced load capacity
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Wheels and castors guide

Blickle wheel series

Wheels for transport equipment and heavy-duty castors









Series	POBS	ALBS	GVU	PPN
Wheel Ø	80–200 mm	80–300 mm	100–400 mm	60–200 mm
Load capacity	140–500 kg	200–1,150 kg	450–3,000 kg	80–450 kg
Tread / tyre	high-quality polyurethane elastomer Blickle Besthane® Soft, colour blue (see page 56 for a material description)	high-quality polyurethane elastomer Blickle Besthane® Soft, colour blue (see page 56 for a material description)	high-quality polyurethane elastomer Vulkollan®, colour natural (see page 56 for a material description)	high-quality polypropylene, impact resistant, colour natural white (see page 57 for a material description)
Wheel centre / rim	high-quality nylon 6, impact resistant, colour black	die-cast aluminium, colour silver grey	rugged grey cast iron, with grease nipple from wheel Ø 150 mm, lacquered, colour silver	high-quality polypropylene, impact resistant, colour natural white
Connection tread / tyre with wheel centre / rim	cast tread	cast tread	cast tread	
Tread & tyre hardness	75 Shore A	75 Shore A	92 Shore A	60 Shore D
Floor preservation / smooth operation	very good	very good	good	satisfactory
Rolling resistance	excellent	excellent	very good	very good
Wear resistance	very good	very good	excellent	satisfactory
Non-marking	✓	✓	✓	✓
Temperature resistance	-20 °C to +70 °C temporarily up to +90 °C	-20 °C to +70 °C temporarily up to +90 °C	-20 °C to +70 °C temporarily up to +90 °C	-20 °C to +60 °C
Bearing types (refer to page 84–85)	ball bearing (C), ball bearing (CC)	ball bearing	ball bearing	plain bore, roller bearing
Options		• nylon wheel centre, hydrolysis resistant, (see series POBS) • extremely crowned tread (-CO)	• drive wheel with hub keyway (see series GVUN) • hub fitting wheel (see series GVUA)	• stainless steel roller bearing (-XR) • electrically conductive (PP-EL series) • thread guard (-FA) • colour black (see PP series)
Additional considerations	• the load capacity reduces at ambient temperatures above +35 °C • wheels with ball bearing (C) and ball bearing (CC) with integrated synthetic thread guard as standard	• the load capacity reduces at ambient temperatures above +40 °C • speeds up to a maximum of 16 km/h are permitted with a reduced load capacity	• the load capacity reduces at ambient temperatures above +40 °C • speeds up to a maximum of 16 km/h are permitted with a reduced load capacity	• the load capacity reduces at ambient temperatures above +30 °C
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Wheels and castors guide

Blickle wheel series

Wheels for transport equipment and heavy-duty castors









Series	PP	POW	PO	SPO
Wheel Ø	60–200 mm	100–125 mm	50–300 mm	75–250 mm
Load capacity	80–450 kg	200–220 kg	75–1,500 kg	300–2,000 kg
Tread / tyre	high-quality polypropylene, impact resistant, colour black (see page 57 for a material description)	high-quality nylon 6, impact resistant, colour white (see page 57 for a material description)	high-quality nylon 6, impact resistant, colour natural white (see page 57 for a material description)	high-quality nylon 6, impact resistant, extremely robust heavy-duty version, colour natural white (see page 57 for a material description)
Wheel centre / rim	high-quality polypropylene, impact resistant, colour black	high-quality nylon 6, impact resistant, colour white highly elastic cushion layer made from elastic solid rubber, colour red	high-quality nylon 6, impact resistant, colour natural white	high-quality nylon 6, impact resistant, colour natural white
Connection tread / tyre with wheel centre / rim		highly elastic encapsulated cushion layer		
Tread & tyre hardness	60 Shore D	70 Shore D	70 Shore D	70 Shore D
Floor preservation / smooth operation	satisfactory	satisfactory	satisfactory	satisfactory
Rolling resistance	very good	very good	excellent	excellent
Wear resistance	satisfactory	good	good	good
Non-marking	✓	✓	✓	✓
Temperature resistance	-20 °C to +60 °C	-20 °C to +80 °C	-20 °C to +80 °C	-20 °C to +80 °C
Bearing types (refer to page 84–85)	plain bore, roller bearing, ball bearing (C), ball bearing	ball bearing (C)	plain bore, roller bearing, ball bearing (C), ball bearing	plain bore, ball bearing
Options	• electrically conductive, black (-EL) • stainless steel roller bearing (-XR) • thread guard (-FA) • colour natural white (see PPN series)	• thread guard with ball bearing seal (-KFD)	• electrically conductive, non-marking, grey (-ELS) • stainless steel roller bearing (-XR) • stainless steel ball bearing (-XK) • stainless steel ball bearing and thread guard (-XKA) • grease nipple (-NI) • colour blue, non-marking (C5017) • thread guard (-FA)	• stainless steel ball bearing (-XK) • grease nipple (-NI) • thread guard (-FA)
Additional considerations	• the load capacity reduces at ambient temperatures above +30 °C • wheels with ball bearing (C) with integrated synthetic thread guard as standard	• the load capacity reduces at ambient temperatures above +35 °C • good noise absorption, absorbs impact and shocks • with integrated synthetic thread guard as standard • sandwich wheel	• the load capacity reduces at ambient temperatures above +35 °C • wheels with ball bearing (C) with integrated synthetic thread guard as standard	• the load capacity reduces at ambient temperatures above +35 °C
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Wheels and castors guide

Blickle wheel series

Wheels for heavy-duty castors / heat-resistant wheels









Series	GSPO	G	SVS	VEHI
Wheel Ø	35–1,000 mm	80–250 mm	65–300 mm	100–200 mm
Load capacity	100–50,000 kg	250–1,400 kg	750–15,000 kg	65–180 kg
Tread / tyre	high-quality cast nylon, impact resistant, colour natural beige (see page 57 for a material description)	rugged grey cast iron, lacquered, colour silver (see page 59 for a material description)	heat-treatable steel, lightly-oiled surface (see page 59 for a material description)	highly heat-resistant solid rubber Blickle TempLine® Basic, colour black (see page 52 for a material description)
Wheel centre / rim	high-quality cast nylon, impact resistant, colour natural beige	rugged grey cast iron, with grease nipple	heat-treatable steel	pressed steel, zinc-plated, blue-passivated, Cr6-free
Connection tread / tyre with wheel centre / rim				tyre pressed with rim
Tread & tyre hardness	80 Shore D	180–220 HB	190–230 HB	80 Shore A
Floor preservation / smooth operation	satisfactory	sufficient	sufficient	very good
Rolling resistance	excellent	excellent	excellent	satisfactory
Wear resistance	very good	excellent	excellent	sufficient
Non-marking	✓	–	✓	–
Temperature resistance	-20 °C to +80 °C	-100 °C to +600 °C	-20 °C to +120 °C	-25 °C to +200 °C
Bearing types (refer to page 84–85)	ball bearing, spherical roller bearing	plain bore, ball bearing	ball bearing	roller bearing
Options	• plain bore for static loads or very low speeds • stainless steel ball bearing (-XK) • spherical roller bearing (-PR) for applications requiring extensive travel	• heat-resistant ball bearing (oven bearing, -IK)	• spherical roller bearing (-PR) for applications requiring extensive travel	
Additional considerations	• the load capacity reduces at ambient temperatures above +35 °C	• plain bore: provide adequate lubrication on a regular basis • the primary purpose of coating is to protect the wheel during transport and storage. Coating remains resistant up to +120 °C		• majority of tyre flattening recovers when in motion under load • passivation may be altered slightly in high temperatures, corrosion protection will remain unaffected
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Wheels and castors guide

Blickle wheel series

Heat-resistant wheels






Series	VKHT	POSI	ALSI	POH
Wheel Ø	100 mm	100–125 mm	100 mm	80–200 mm
Load capacity	100 kg	80–120 kg	100 kg	215–720 kg
Tread / tyre	highly heat-resistant solid rubber Blickle TempLine® Special, colour black (see page 52 for a material description)	highly heat-resistant silicone rubber Blickle TempLine® Comfort, colour black (see page 53 for a material description)	highly heat-resistant silicone rubber Blickle TempLine® Comfort, colour black (see page 53 for a material description)	highly heat-resistant nylon Blickle TempLine® PerformanceLight, impact resistant, colour natural (see page 57 for a material description)
Wheel centre / rim	highly heat-resistant nylon 6, impact resistant, colour black	highly heat-resistant thermoplastic, impact resistant, colour dark grey	die-cast aluminium, colour silver grey	highly heat-resistant Blickle TempLine® PerformanceLight nylon, impact resistant, colour natural
Connection tread / tyre with wheel centre / rim	pressed-on tyre	vulcanised tyre	vulcanised tyre	
Tread & tyre hardness	85 Shore A	75 Shore A	75 Shore A	85 Shore D
Floor preservation / smooth operation	good	very good	very good	satisfactory
Rolling resistance	satisfactory	good	good	excellent
Wear resistance	satisfactory	satisfactory	satisfactory	good
Non-marking	–	✓	✓	✓
Temperature resistance	-30 °C to +260 °C	-20 °C to +250 °C	-25 °C to +250 °C	-25 °C to +170 °C
Bearing types (refer to page 84–85)	plain bore	plain bore	plain bore, ball bearing	plain bore, ball bearing
Options	• PTFE coated stainless steel axle tube (-XAT)	• non-marking, grey tyre (-SG) • PTFE coated stainless steel axle tube (-XAT)	• PTFE coated stainless steel axle tube (-XAT)	• PTFE coated stainless steel axle tube (-XAT) • stainless steel ball bearing with heat-resistant special grease (-HXK) • heavy-duty wheel centre for higher loads (series SPOH)
Additional considerations	• oven temperature temporarily up to +300 °C, wheel temperature must not exceed +260 °C • tyre flattening recovers when in motion under load	• oven temperature temporarily up to +300 °C, wheel temperature must not exceed +250 °C • suitable for autoclaves	• oven temperature temporarily up to +300 °C, wheel temperature must not exceed +250 °C • ball bearing with heat-resistant special grease (HK) and ball bearing cover (HKA)	• oven temperature temporarily up to +200 °C, wheel temperature must not exceed +170 °C • suitable for autoclaves (plain bore version and version with stainless steel ball bearing with heat-resistant special grease (-HXK) • long-term use in high temperatures may cause the colour to change, but will not affect load capacity
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Wheels and castors guide

Blickle wheel series

Heat-resistant wheels / guide rollers









Series	POHI	PHN	FPU	FPTH
Wheel Ø	80–200 mm	80–200 mm	25–60 mm	60–125 mm
Load capacity	180–600 kg	100–500 kg	15–100 kg	110–290 kg
Tread / tyre	highly heat-resistant thermoplastic Blickle TempLine® Performance, impact resistant, colour dark grey (see page 57 for a material description)	phenolic resin Blickle TempLine® Classic, impact resistant, colour black (see page 58 for a material description)	high-quality thermoplastic polyurethane (TPU), colour brown (see page 55 for a material description)	high-quality thermoplastic polyurethane (TPU), colour dark grey (see page 55 for a material description)
Wheel centre / rim	highly heat-resistant thermoplastic, impact resistant, colour dark grey	Blickle TempLine® Classic phenolic resin, impact resistant, colour black		high-quality nylon 6, impact resistant, colour silver grey
Connection tread / tyre with wheel centre / rim			tread directly injected onto the ball bearing	chemically bonded
Tread & tyre hardness	85 Shore D	90 Shore D	98 Shore A	92 Shore A
Floor preservation / smooth operation	satisfactory	satisfactory	good	good
Rolling resistance	excellent	excellent	very good	very good
Wear resistance	satisfactory	sufficient	very good	very good
Non-marking	✓	–	✓	✓
Temperature resistance	-25 °C to +250 °C	-35 °C to +260 °C temporarily up to +300 °C	-20 °C to +70 °C temporarily up to +90 °C	-20 °C to +70 °C temporarily up to +90 °C
Bearing types (refer to page 84–85)	plain bore, ball bearing	plain bore, ball bearing	ball bearing	ball bearing
Options	• PTFE coated stainless steel axle tube (-XAT) • stainless steel ball bearing with heat-resistant special grease (-HXK)	• PTFE coated stainless steel axle tube (-XAT)	• electrically conductive, non-marking (-ELS) • stainless steel ball bearing (-XK)	• electrically conductive, non-marking (-ELS) • stainless steel ball bearing (-XK)
Additional considerations	• suitable for autoclaves (plain bore version and version with stainless steel ball bearing with heat-resistant special grease (-HXK)	• wheels are only conditionally suitable for uneven floors and crossing thresholds	• the load capacity reduces at ambient temperatures above +35 °C	• the load capacity reduces at ambient temperatures above +35 °C • hydrolysis resistant
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Wheels and castors guide

Blickle wheel series

Guide rollers









Series	FTH	FSTH	FPOB	FSVU
Wheel Ø	30–75 mm	40–125 mm	80–125 mm	40–100 mm
Load capacity	25–150 kg	60–375 kg	160–375 kg	70–250 kg
Tread / tyre	high-quality polyurethane elastomer Blickle Extrathane®, colour light brown (see page 55 for a material description)	high-quality polyurethane elastomer Blickle Extrathane®, colour light brown (see page 55 for a material description)	high-quality polyurethane elastomer Blickle Besthane®, colour brown (see page 56 for a material description)	high-quality polyurethane elastomer Vulkollan®, colour natural (see page 56 for a material description)
Wheel centre / rim		steel	high-quality nylon 6, impact resistant, colour black	steel
Connection tread / tyre with wheel centre / rim	tread directly casted onto the ball bearing	cast tread	cast tread	cast tread
Tread & tyre hardness	92 Shore A	92 Shore A	92 Shore A	92 Shore A
Floor preservation / smooth operation	good	good	good	good
Rolling resistance	very good	very good	excellent	very good
Wear resistance	excellent	excellent	excellent	excellent
Non-marking	✓	✓	✓	✓
Temperature resistance	-20 °C to +70 °C temporarily up to +90 °C	-20 °C to +70 °C temporarily up to +90 °C	-20 °C to +70 °C	-20 °C to +70 °C temporarily up to +90 °C
Bearing types (refer to page 84–85)	ball bearing	ball bearing	ball bearing	ball bearing
Options	• stainless steel ball bearing (-XK)	• antistatic, non-marking, grey (-AS) • with aluminium wheel centre (series FALTH)	• stainless steel ball bearing (-XK)	• stainless steel ball bearing (-XK)
Additional considerations	• the load capacity reduces at ambient temperatures above +40 °C	• the load capacity reduces at ambient temperatures above +40 °C	• the load capacity reduces at ambient temperatures above +35 °C • speeds up to a maximum of 10 km/h are permitted with a reduced load capacity • hydrolysis resistant	• the load capacity reduces at ambient temperatures above +40 °C • speeds up to a maximum of 10 km/h are permitted with a reduced load capacity
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Guide rollers / flanged wheels









Series	FPO	SPKGSPO	SPK	SPKVS
Wheel Ø	25–125 mm	50–250 mm	50–250 mm	50–400 mm
Load capacity	40–530 kg	220–3,000 kg	400–3,500 kg	500–9,000 kg
Tread / tyre	high-quality nylon 6, impact resistant, colour natural white (see page 57 for a material description)	high-quality cast nylon, impact resistant, colour natural beige (see page 57 for a material description)	rugged grey cast iron, colour silver (see page 59 for a material description)	heat-treatable steel, lightly-oiled surface (see page 59 for a material description)
Wheel centre / rim		high-quality cast nylon, impact resistant, colour natural beige	rugged grey cast iron, with grease nipple from wheel Ø 125 mm	heat-treatable steel
Connection tread / tyre with wheel centre / rim	tread directly injected onto the ball bearing			
Tread & tyre hardness	70 Shore D	80 Shore D	180–220 HB	190–230 HB
Floor preservation / smooth operation	satisfactory	satisfactory	sufficient	sufficient
Rolling resistance	excellent	excellent	excellent	excellent
Wear resistance	good	very good	excellent	excellent
Non-marking	✓	✓	–	✓
Temperature resistance	-20 °C to +80 °C	-20 °C to +80 °C	-100 °C to +600 °C	-20 °C to +120 °C
Bearing types (refer to page 84–85)	ball bearing	plain bore, ball bearing	plain bore, ball bearing	ball bearing
Options	• electrically conductive, non-marking, grey (-ELS) • stainless steel ball bearing (-XK)	• stainless steel ball bearing (-XK) • drive wheel with hub keyway (see series SPKGSPON)	• heat-resistant ball bearing (oven bearing, -IK)	• heat-resistant ball bearing (oven bearing, -IK) • spherical roller bearing (-PR) for applications requiring extensive travel • drive wheel with hub keyway (see series SPKVSN)
Additional considerations	• the load capacity reduces at ambient temperatures above +35 °C	• the load capacity reduces at ambient temperatures above +35 °C • load capacities apply for rail profiles A 45, A 55 (DIN 536)	• plain bore: provide adequate lubrication on a regular basis • load capacities apply for rail profiles A 45, A 55 (DIN 536) • the primary purpose of coating is to protect the wheel during transport and storage. Coating remains resistant up to +120 °C	• load capacities apply for rail profiles A 45, A 55 and A 65 (DIN 536)
Page	520	526	528	530

Wheels and castors guide

Blickle wheel series

Flanged wheels / drive wheels






Series	DSPKGSPO	DSPK	GEVN	GTHN
Wheel Ø	50–200 mm	50–200 mm	160–620 mm	75–1,000 mm
Load capacity	50–700 kg	120–1,200 kg	300–4,540 kg	300–25,000 kg
Tread / tyre	high-quality cast nylon, impact resistant, colour natural beige (see page 57 for a material description)	heat-treatable steel, lightly-oiled surface (see page 59 for a material description)	high-quality elastic solid rubber in drive-quality, with steel-band, colour black, wheel Ø 400+500 mm: Smooth rolling quality, steel-wire reinforced (see page 53 for a material description)	high-quality polyurethane elastomer Blickle Extrathane®, colour light brown (see page 55 for a material description)
Wheel centre / rim	high-quality cast nylon, impact resistant, colour natural beige	heat-treatable steel	rugged grey cast iron, axle bore and hub keyway in accordance with DIN 6885, lacquered, colour anthracite	rugged grey cast iron, axle bore and hub keyway in accordance with DIN 6885, lacquered, colour silver
Connection tread / tyre with wheel centre / rim			steel-wired reinforced or pressed-on steel-band tyre	cast tread
Tread & tyre hardness	80 Shore D	190–230 HB	65 Shore A	92 Shore A
Floor preservation / smooth operation	satisfactory	sufficient	very good	good
Rolling resistance	excellent	excellent	good	very good
Wear resistance	very good	excellent	satisfactory	excellent
Non-marking	✓	✓	–	✓
Temperature resistance	-20 °C to +80 °C	-20 °C to +120 °C	-30 °C to +80 °C temporarily up to +100 °C	-30 °C to +70 °C temporarily up to +90 °C
Bearing types (refer to page 84–85)	plain bore, ball bearing	ball bearing	hub keyway	hub keyway
Options	• stainless steel ball bearing (-XK)		• pressed-on steel band in friction wheel quality (-STR)	• antistatic, non-marking, grey (-AS)
Additional considerations	• the load capacity reduces at ambient temperatures above +35 °C		• the load capacity reduces at ambient temperatures above +60 °C • wheel centre is approximately 4 mm wider than the specified wheel width • speeds up to a maximum of 16 km/h are permitted with a reduced load capacity	• the load capacity reduces at ambient temperatures above +40 °C • speeds up to a maximum of 10 km/h are permitted with a reduced load capacity
Page	532	534	540	541–542

Wheels and castors guide

Blickle wheel series

Drive wheels









Series	GSTN	GBN	GVUN	SPKVSN
Wheel Ø	75–500 mm	100–1,000 mm	100–400 mm	200–300 mm
Load capacity	200–4,200 kg	400–25,000 kg	400–3,400 kg	2,500–7,000 kg
Tread / tyre	high-quality polyurethane elastomer Blickle Softhane®, colour green (see page 55 for a material description)	high-quality polyurethane elastomer Blickle Besthane®, colour brown (see page 56 for a material description)	high-quality polyurethane elastomer Vulkollan®, colour natural (see page 56 for a material description)	heat-treatable steel, lightly-oiled surface (see page 59 for a material description)
Wheel centre / rim	rugged grey cast iron, axle bore and hub keyway in accordance with DIN 6885, lacquered, colour silver	rugged grey cast iron, axle bore and hub keyway in accordance with DIN 6885, lacquered, colour silver	rugged grey cast iron, axle bore and hub keyway in accordance with DIN 6885, lacquered, colour silver	heat-treatable steel, axle bore and hub keyway in accordance with DIN 6885
Connection tread / tyre with wheel centre / rim	cast tread	cast tread	cast tread	
Tread & tyre hardness	75 Shore A	92 Shore A	92 Shore A	190–230 HB
Floor preservation / smooth operation	very good	good	good	sufficient
Rolling resistance	very good	excellent	very good	excellent
Wear resistance	very good	excellent	excellent	excellent
Non-marking	✓	✓	✓	✓
Temperature resistance	-30 °C to +70 °C temporarily up to +90 °C	-30 °C to +70 °C temporarily up to +90 °C	-30 °C to +70 °C temporarily up to +90 °C	-100 °C to +600 °C
Bearing types (refer to page 84–85)	hub keyway	hub keyway	hub keyway	hub keyway
Options	• antistatic, non-marking, grey (-AS)	• electrically conductive, non-marking (-ELS)		
Additional considerations	• the load capacity reduces at ambient temperatures above +40 °C • speeds up to a maximum of 10 km/h are permitted with a reduced load capacity	• the load capacity reduces at ambient temperatures above +40 °C • speeds up to a maximum of 16 km/h are permitted with a reduced load capacity	• the load capacity reduces at ambient temperatures above +40 °C • speeds up to a maximum of 16 km/h are permitted with a reduced load capacity	• load capacities apply for rail profiles A 45, A 55 and A 65 (DIN 536) • load capacity reduced by 50% at + 300 °C
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Wheels and castors guide

Blickle wheel series

Hub fitting wheels









Series	PA	VLEA	GEVA	GSTA
Wheel Ø	400–536 mm	405–525 mm	250–620 mm	200–400 mm
Load capacity	250–1,300 kg	950–1,885 kg	630–4,540 kg	700–2,500 kg
Tread / tyre	pneumatic tyre, ribbed or zig-zag profile, 2 to 10 ply rating, colour black (see page 54 for a material description)	super-elastic solid rubber, 3-component tyre, highly-elastic cushion layer, abrasion-resistant tread, colour black (see page 54 for a material description)	high-quality elastic solid rubber in smooth rolling quality, colour black (see page 53 for a material description)	high-quality polyurethane elastomer Blickle Softhane®, colour green (see page 55 for a material description)
Wheel centre / rim	pressed steel, with central hole, fixing holes are counter-sunk for installation on standard hub flanges, zinc-plated, blue-passivated, Cr6-free or lacquered, silver colour	heavy pressed steel, bolted (flat base rim), with central hole, fixing holes are counter-sunk for installation on standard hub flanges, zinc-plated, blue-passivated, Cr6-free	rugged grey cast iron, with central hole, fixing holes are counter-sunk for installation on standard hub flanges, lacquered, colour anthracite	rugged grey cast iron, with central hole, fixing holes are counter-sunk for installation on standard hub flanges, lacquered, colour silver
Connection tread / tyre with wheel centre / rim	tyre mounted on rim	steel-wire reinforced tyre, mounted on rim	steel-wire reinforced tyre, pressed-on	cast tread
Tread & tyre hardness	60 Shore A	70 Shore A	65 Shore A	75 Shore A
Floor preservation / smooth operation	excellent	very good	very good	very good
Rolling resistance	good	good	very good	very good
Wear resistance	satisfactory	good	satisfactory	very good
Non-marking	–	optional	–	✓
Temperature resistance	-30 °C to +50 °C	-30 °C to +80 °C temporarily up to +100 °C	-30 °C to +80 °C temporarily up to +100 °C	-30 °C to +70 °C temporarily up to +90 °C
Bearing types (refer to page 84–85)	hub fitting	hub fitting	hub fitting	hub fitting
Options		• non-marking, grey tyre (-SG) • antistatic, black tyre (-AS) • drive wheel with hub keyway (see series VLEN)	• pressed-on steel band in drive quality (-STA)	• antistatic, non-marking, grey (-AS)
Additional considerations	• speeds up to a maximum of 25 km/h are permitted with a reduced load capacity • wheel width and diameter can change during operation	• the load capacity reduces at ambient temperatures above +60 °C • speeds up to a maximum of 25 km/h are permitted with a reduced load capacity • wheel width and diameter can change during operation • puncture-proof and maintenance-free	• the load capacity reduces at ambient temperatures above +60 °C • wheel centre is approximately 4 mm wider than the specified wheel width • speeds up to a maximum of 16 km/h are permitted with a reduced load capacity	• the load capacity reduces at ambient temperatures above +40 °C • speeds up to a maximum of 10 km/h are permitted with a reduced load capacity
Page	548	549	550	551

Wheels and castors guide

Blickle wheel series

Hub fitting wheels / rollers for pallet trucks









Series	GBA	VSVU	HTH	HB
Wheel Ø	200–400 mm	125–300 mm	60–90 mm	80–85 mm
Load capacity	900–3,400 kg	700–2,400 kg	220–1,130 kg	550–960 kg
Tread / tyre	high-quality polyurethane elastomer Blickle Besthane®, colour brown (see page 56 for a material description)	high-quality polyurethane elastomer Vulkollan®, colour natural (see page 56 for a material description)	high-quality polyurethane elastomer Blickle Extrathane®, colour light brown (see page 55 for a material description)	high-quality polyurethane elastomer Blickle Besthane®, colour brown (see page 56 for a material description)
Wheel centre / rim	rugged grey cast iron, with central hole, fixing holes are counter-sunk for installation on standard hub flanges, lacquered, colour silver	heat-treatable steel	metal	metal
Connection tread / tyre with wheel centre / rim	cast tread	cast tread	cast tread	cast tread
Tread & tyre hardness	92 Shore A	92 Shore A	92 Shore A	92 Shore A
Floor preservation / smooth operation	good	good	good	good
Rolling resistance	excellent	very good	very good	excellent
Wear resistance	excellent	excellent	excellent	excellent
Non-marking	✓	✓	✓	✓
Temperature resistance	-30 °C to +70 °C temporarily up to +90 °C	-30 °C to +70 °C temporarily up to +90 °C	-20 °C to +70 °C temporarily up to +90 °C	-20 °C to +70 °C temporarily up to +90 °C
Bearing types (refer to page 84–85)	hub fitting	axle bore	ball bearing	ball bearing
Options		• individual turning • wheel with clamping set	• with Blickle Softhane® polyurethane tread (see series HST) • splash and washproof version (see series HTHW) • wheel centre without ball bearing (ball bearing seat)	• nylon wheel centre, hydrolysis resistant, (see series HPOB) • splash and washproof version (see series HBW) • wheel centre without ball bearing (ball bearing seat)
Additional considerations	• the load capacity reduces at ambient temperatures above +40 °C • speeds up to a maximum of 16 km/h are permitted with a reduced load capacity	• the load capacity reduces at ambient temperatures above +40 °C • speeds up to a maximum of 16 km/h are permitted with a reduced load capacity	• the load capacity reduces at ambient temperatures above +40 °C	• the load capacity reduces at ambient temperatures above +40 °C
Page	552	553	560–562	563

Wheels and castors guide

Blickle wheel series

Rollers for pallet trucks / forklift truck wheels






Series	HTHW	HPO	REV	RTH
Wheel Ø	82–85 mm	80–85 mm	215–254 mm	200–270 mm
Load capacity	550–1,060 kg	420–1,100 kg		
Tread / tyre	high-quality polyurethane elastomer Blickle Extrathane®, colour light brown (see page 55 for a material description)	high-quality nylon 6, impact resistant, colour natural white (see page 57 for a material description)	high-quality elastic solid rubber in drive-quality, colour black REV 215x82/60-5-SG: grey, non-marking (see page 53 for a material description)	high-quality polyurethane elastomer Blickle Extrathane®, colour light brown (see page 55 for a material description)
Wheel centre / rim	metal	high-quality nylon 6, impact resistant, colour natural white	rugged grey cast iron or ductile cast iron	rugged grey cast iron or ductile cast iron
Connection tread / tyre with wheel centre / rim	cast tread		vulcanised or steel-wire reinforced tyre, pressed-on	cast tread
Tread & tyre hardness	92 Shore A	70 Shore D	70 Shore A	92 Shore A
Floor preservation / smooth operation	good	satisfactory	very good	good
Rolling resistance	very good	excellent	very good	very good
Wear resistance	excellent	good	satisfactory	excellent
Non-marking	✓	✓	–	✓
Temperature resistance	-20 °C to +70 °C temporarily up to +90 °C	-20 °C to +80 °C	-30 °C to +80 °C temporarily up to +100 °C	-30 °C to +70 °C temporarily up to +90 °C
Bearing types (refer to page 84–85)	ball bearing	ball bearing		
Options	• with Blickle Besthane® polyurethane tread (see series HBW) • with Blickle Softhane® polyurethane tread (see series HSTW)	• stainless steel ball bearing (-XK) • made from cast nylon, for applications requiring high load capacity (see HGSPO series)		
Additional considerations	• the load capacity reduces at ambient temperatures above +40 °C • nylon socket for splash and washproof ball bearing	• the load capacity reduces at ambient temperatures above +35 °C	• the load capacity reduces at ambient temperatures above +60 °C • drive wheels are suitable for the manufacturer number specified on page 571–576	• the load capacity reduces at ambient temperatures above +40 °C • drive wheels are suitable for the manufacturer number specified on page 571–579
Page	564–565	566	571–574, 576	571–579

Wheels and castors guide

Blickle wheel series

Forklift truck wheels / tyres / press-on bands









Series	RB	RVU	BSEV	BEV...-ZDG
Wheel Ø	230–343 mm	230–250 mm	250–525 mm	125–610 mm
Load capacity			480–2,260 kg	190–2,700 kg
Tread / tyre	high-quality polyurethane elastomer Blickle Besthane®, colour brown (see page 56 for a material description)	high-quality polyurethane elastomer Vulkollan®, colour natural (see page 56 for a material description)	super-elastic solid rubber, 2-component or 3-component tyres, tough rubber core, highly elastic, abrasion-resistant tread, colour black (see page 54 for a material description)	high-quality elastic solid rubber in smooth rolling quality, colour black (see page 53 for a material description)
Wheel centre / rim	rugged grey cast iron or ductile cast iron	rugged grey cast iron or ductile cast iron	steel-wire reinforced	steel-wire reinforced
Connection tread / tyre with wheel centre / rim	cast tread	cast tread		
Tread & tyre hardness	92 Shore A	92 Shore A	70 Shore A	65 Shore A
Floor preservation / smooth operation	good	good	very good	very good
Rolling resistance	excellent	very good	good	very good
Wear resistance	excellent	excellent	good	good
Non-marking	✓	✓	optional	optional
Temperature resistance	-30 °C to +70 °C temporarily up to +90 °C	-30 °C to +70 °C temporarily up to +90 °C	-30 °C to +80 °C temporarily up to +100 °C	-30 °C to +80 °C temporarily up to +100 °C
Bearing types (refer to page 84–85)				
Options			• non-marking, grey tyre (-SG)	• non-marking, natural colour tyre (-SN)
Additional considerations	• the load capacity reduces at ambient temperatures above +40 °C • drive wheels are suitable for the manufacturer number specified on page 571–579	• the load capacity reduces at ambient temperatures above +40 °C • drive wheels are suitable for the manufacturer number specified on page 576–578	• the load capacity reduces at ambient temperatures above +60 °C • tyre is suitable for the standard rims specified in the table on page 584–585 • speeds up to a maximum of 25 km/h are permitted with a reduced load capacity	• the load capacity reduces at ambient temperatures above +60 °C • suitable for wheel centre with outer diameter tolerance h11 • speeds up to a maximum of 16 km/h are permitted with a reduced load capacity
Page	571–575, 578–579	576, 578	584–585	586

Wheels and castors guide

Blickle wheel series

Press-on bands







Series	BEV...-ZST	BTH	BB
Wheel Ø	150–620 mm	125–610 mm	125–645 mm
Load capacity	300–5,580 kg	500–7,200 kg	500–12,000 kg
Tread / tyre	high-quality elastic solid rubber in drive-quality, colour black (see page 53 for a material description)	high-quality polyurethane elastomer Blickle Extrathane®, colour light brown (see page 55 for a material description)	high-quality polyurethane elastomer Blickle Besthane®, colour brown (see page 56 for a material description)
Wheel centre / rim	steel-band	steel-band	steel-band
Connection tread / tyre with wheel centre / rim	vulcanised tread	cast tread	cast tread
Tread & tyre hardness	65 Shore A	92 Shore A	92 Shore A
Floor preservation / smooth operation	very good	good	good
Rolling resistance	very good	very good	excellent
Wear resistance	good	excellent	excellent
Non-marking	optional	✓	✓
Temperature resistance	-30 °C to +80 °C temporarily up to +100 °C	-30 °C to +70 °C temporarily up to +90 °C	-30 °C to +70 °C temporarily up to +90 °C
Bearing types (refer to page 84–85)			
Options	• non-marking, natural colour tyre (-SN)		
Additional considerations	• the load capacity reduces at ambient temperatures above +60 °C • suitable for wheel centre with outer diameter tolerance h11 • speeds up to a maximum of 16 km/h are permitted with a reduced load capacity	• the load capacity reduces at ambient temperatures above +40 °C • suitable for wheel centre with outer diameter tolerance h11 • speeds up to a maximum of 10 km/h are permitted with a reduced load capacity	• the load capacity reduces at ambient temperatures above +40 °C • suitable for wheel centre with outer diameter tolerance h11 • speeds up to a maximum of 16 km/h are permitted with a reduced load capacity
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Heat-resistant Progressus wheels for castors





Series	PGV	ALTPU
Wheel Ø	84–186 mm	120–150 mm
Load capacity	90–200 kg	120–150 kg
Tread / tyre	high-quality elastic solid rubber in smooth rolling quality, colour grey, non-marking (see page 53 for a material description)	high-quality thermoplastic polyurethane (TPU), colour dark grey, non-marking, electrically conductive (see page 55 for a material description)
Wheel centre / rim	die-cast aluminium, colour silver grey	die-cast aluminium, colour silver grey
Connection tread / tyre with wheel centre / rim	tyre mounted on rim	chemically bonded
Tread & tyre hardness	80 Shore A	92 Shore A
Floor preservation / smooth operation	very good	good
Rolling resistance	very good	very good
Wear resistance	satisfactory	very good
Non-marking	✓	✓
Temperature resistance	-20 °C to +134 °C	-20 °C to +134 °C
Bearing types (refer to page 84–85)	roller bearing, ball bearing	ball bearing
Options	• electrically conductive (-EL)	
Additional considerations	• suitable for autoclaves • tyre flattening recovers when in motion under load	• suitable for autoclaves • majority of tyre flattening recovers when in motion under load
Page	602	602

Wheels and castors guide

Wheel bearing types



Plain bore

("G" in the product code)

The plain bore is a simple, cost-effective and resilient wheel bearing. It is also corrosion-resistant and maintenance-free under normal conditions.
Plain bores are mainly used for light duty and transport equipment castors, which are only moved infrequently and at slow speeds.
Nylon plain bore sockets are used for wheels with tubular steel hubs.
Plain bores may run hot at high speeds and under high loads. Cast iron wheels with plain bores must be lubricated on a regular basis.



Roller bearing

("R" in the product code)

The roller bearing is a robust, resilient and largely maintenance-free wheel bearing that can be installed in a small space.
Roller bearings (also called roller basket or needle bearings) have a small radial bearing clearance and are mainly used for transport equipment castors.
The roller bearing consists of steel rollers in a synthetic or steel cage. These rollers roll between the axle and the wheel hub. The rotation around the axle causes rolling friction rather than dynamic friction. This keeps the rolling resistance of the wheel relatively low, even under heavy loads.
Roller bearings are lubricated with a long-life grease and maintenance-free under normal application conditions.
Stainless steel versions of roller bearings are also available (-XR in the product code).



Ball bearing

("K" in the product code)

The wheel bearing with grooved ball bearing (also called a precision ball bearing) meets high standards in terms of load capacity, rolling characteristics (even at high speeds) and resistance to environmental factors. Grooved ball bearings have the lowest level of bearing clearance, and are mainly used in technically-demanding transport unit castors and heavy-duty castors. A cover cap provides protection against dust (non-rubbing seal, also known as a Z bearing). Ball bearings can be installed with one or two sealing caps (slipping sealing, also known as an RS or 2RS bearing) for special requirements. Wheel bearings with ball bearings sealed on both sides (2RS) must not be lubricated to avoid damage to the ball bearing.
Grooved ball bearings are lubricated using long-life grease and are maintenance-free under normal application conditions.
Two ball bearings are installed in the hub as standard. A spacer sleeve is used to maintain the distance between the inner race of the ball bearing. This means that the wheel can be clamped axially into a bracket (exception: roller for pallet trucks). In addition to the standard version, ball bearings are also available in a corrosion-resistant version (-XK in the product code), a version lubricated with heat-resistant special grease (-HK or -HXK (corrosion resistant) in the product code) or as a heat-resistant ball bearing (oven bearing, -IK in the product code). Heat-resistant ball bearings are suitable for use in temperatures between -30 °C and +300 °C with reduced load capacity.



Central ball bearing (C) with thread guard

("KA" or "KF" in the product code)

A central ball bearing provides extremely precise and smooth operation, and a good seal.
These bearings are primarily used for synthetic wheels supporting small loads and for guide rollers.
The ball bearing is encapsulated with the wheel centre.
The central ball bearing is provided with two sealing caps (slipping sealing, so-called 2RS bearings) as standard.
Ball bearings are lubricated with long-life grease and are maintenance-free under normal application conditions. The additional synthetic ball bearing cover provides protection for both the wheel hub and the thread. When the wheel is fitted in swivel and fixed brackets, no flanged bushes are required, unlike for conventional wheel bearings with ball bearings that are pressed in.

Wheels and castors guide

Wheel bearing types



Two central ball bearings (CC) with thread guard

("KA" or "KF" in the product code)

The wheel bearing with two central ball bearings provides a high level of precision and smooth running performance. It also provides an effective seal while meeting demanding load capacity requirements. Positive locking is used to encapsulate the ball bearings with the wheel centre. The central ball bearings are provided with two sealing caps (slipping sealing, so-called 2RS bearings) as standard. The ball bearings are lubricated using long-life grease and are maintenance-free under normal application conditions. The additional synthetic ball bearing cover provides protection for both the wheel hub and the thread. When the wheel is fitted in swivel and fixed brackets, no flanged bushes are required, unlike for conventional wheel bearings with ball bearings that are pressed in.



Central ball bearing (C) with thread guard and additional ball bearing seal

("KAD" or "KFD" in the product code)

Additional sealing can be provided for ball bearings used in highly-corrosive wet areas. Combining sealing caps (slipping sealing, so-called 2RS bearing), clearance sealing and an additional slipping sealing provides the ball bearing with optimal protection against water spray and dirt. Wheels with an additional ball bearing seal are suitable for machine washing. The slipping seal increases the rolling resistance slightly.
Ball bearings are lubricated with long-life grease and are maintenance-free under normal application conditions.
The additional synthetic ball bearing cover provides protection for both the wheel hub and the thread. When the wheel is fitted in swivel and fixed brackets, no flanged bushes are required, unlike for conventional wheel bearings with ball bearings that are pressed in.
The ball bearing cover (-HKA, -XKA or -XKF in the product code) does not have the additional rubber sealing ring provided in the version with a ball bearing seal. The -XKA version is also suitable for machine washing due to the corrosion-resistant ball bearing.



Two central ball bearings (CC) with thread guard and additional ball bearing seals

("KAD" or "KFD" in the product code)

Additional sealing can be provided for ball bearings used in highly-corrosive wet areas. Combining sealing caps (slipping sealing, so-called 2RS bearing), clearance sealing and an additional slipping sealing provides ball bearings with optimal protection against water spray and dirt. Wheels with an additional ball bearing seal are suitable for machine washing. The slipping seal increases the rolling resistance slightly.
Ball bearings are lubricated with long-life grease and are maintenance-free under normal application conditions.
The additional synthetic ball bearing cover provides protection for both the wheel hub and the thread. When the wheel is fitted in swivel and fixed brackets, no flanged bushes are required, unlike for conventional wheel bearings with ball bearings that are pressed in.

Versions with the ball bearing cover (-HKA, -XKA or -XKF in the product code) do not have the additional rubber sealing ring provided in the version with a ball bearing seal. The -XKA version is also suitable for machine washing due to the corrosion-resistant ball bearing.



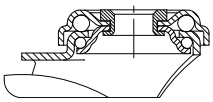
Spherical roller bearing

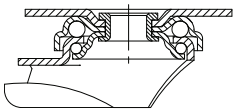
("PR" in the product code)

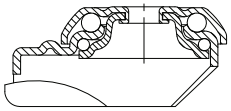
Spherical roller bearings have two rows of rollers to increase the contact surface of the rolling elements and achieve extremely high load capacities while keeping dimensions relatively small.
Spherical roller bearings allow for angular adjustment and are therefore resistant to the axle being bent. The extremely high load capacity provides outstanding operational performance.
Spherical roller bearings are therefore used in heavy duty wheels, with a focus on plant engineering (three shift operation).
Two spherical roller bearings are installed in the hub as standard. A spacer sleeve is used to maintain the distance between the inner races of the spherical roller bearing. This means that the wheel can be clamped into a bracket.
Spherical roller bearings are not normally sealed. A special seal is available for spherical roller bearings upon request

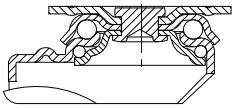
Pressed steel swivel bracket for light-duty castors

The dimensions and load capacity of each fixed bracket match the corresponding swivel bracket. However, the plate size is slightly larger for some fixed castors compared to the corresponding swivel castors.

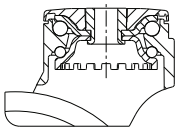
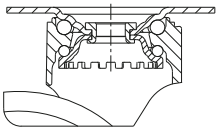
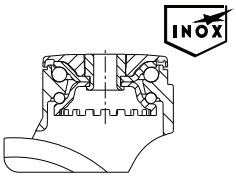
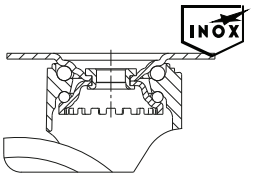








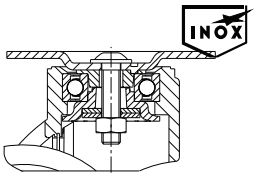
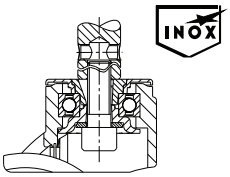
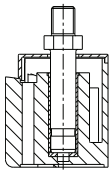
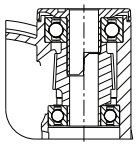
Series	LRA / LKRA Light-duty swivel bracket with bolt hole	LPA / LKPA Light-duty swivel bracket with top plate	LMDA Light-duty twin wheel swivel bracket with bolt hole	LDA Light-duty twin wheel swivel bracket with top plate
For wheel Ø	35–150 mm	35–150 mm	50–75 mm	50–75 mm
Load capacity	up to 150 kg	up to 150 kg	up to 100 kg	up to 100 kg
Bracket structure	pressed steel, double ball bearing in the swivel head, strong central kingpin, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process synthetic “stop-fix” brake lever for series LRA, steel brake lever for series LKRA	pressed steel, double ball bearing in the swivel head, strong central kingpin, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process synthetic “stop-fix” brake lever for series LPA, steel brake lever for series LKPA	pressed steel, double ball bearing in the swivel head, pressed swivel head synthetic brake lever	pressed steel, double ball bearing in the swivel head, strong central kingpin, pressed swivel head synthetic brake lever
Surface	zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free
Swivel head seal	ball protection from special design of swivel head	ball protection from special design of swivel head	ball protection from special design of swivel head	ball protection from special design of swivel head
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease
Temperature resistance	-30 °C to +130 °C	-30 °C to +130 °C	-30 °C to +130 °C	-30 °C to +130 °C
Fitting types	bolt hole	top plate	bolt hole	top plate
Brake systems				
“stop-fix”	✓	✓	✓	✓
“stop-top”				
“central-stop”				
“ideal-stop”				
“Radstop”	✓	✓		
Directional lock				
Options	• threaded pin (-GS10 / -GS12) • plug-in pin (-ES) • synthetic castor socket (see page 148) • expander fitting for round and square tubes (see page 148) • buffer (see page 148)			
Matching fixed bracket series	BRA, BKRA	BPA, BKPA	–	–
Additional considerations	• the top plate should be in contact with the mounting surface to maximise load capacity		• the top plate should be in contact with the mounting surface to maximise load capacity	

Series	 **LKFG** Synthetic swivel bracket with bolt hole, design castor FLOW	 **LKFG** Synthetic swivel bracket with top plate, design castor FLOW	 **LKFGX** Synthetic swivel bracket with bolt hole, design castor FLOW	 **LKFGX** Synthetic swivel bracket with top plate, design castor FLOW
For wheel Ø	125 mm	125 mm	125 mm	125 mm
Load capacity	up to 110 kg	up to 110 kg	up to 110 kg	up to 110 kg
Bracket structure	high-quality thermoplastic, double ball bearing in the swivel head, modern, appealing design	high-quality thermoplastic, double ball bearing in the swivel head, modern, appealing design	high-quality thermoplastic, double corrosion-resistant ball bearing in the swivel head, all parts including axle material are corrosion-resistant, modern, appealing design	high-quality thermoplastic, double corrosion-resistant ball bearing in the swivel head, all parts including axle material are corrosion-resistant, modern, appealing design
Surface	silver grey RAL 7001	silver grey RAL 7001 zinc-plated steel top plate	silver grey RAL 7001	silver grey RAL 7001 vibration-ground finished stainless steel top plate
Swivel head seal	ball protection from special design of swivel head	ball protection from special design of swivel head	ball protection from special design of swivel head	ball protection from special design of swivel head
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease
Temperature resistance	-20 °C to +50 °C temporarily up to +100 °C	-20 °C to +50 °C temporarily up to +100 °C	-20 °C to +50 °C temporarily up to +100 °C	-20 °C to +50 °C temporarily up to +100 °C
Fitting types	bolt hole	top plate	bolt hole	top plate
Brake systems				
“stop-fix”	✓	✓	✓	✓
“stop-top”				
“central-stop”				
“ideal-stop”				
“Radstop”				
Directional lock				
Options	• soft tread 60 Shore A, wheel variant (-TPS) • with zinc-plated top plate fitting (-P25) • with zinc-plated plug-in stem (-ZA51) • special colour	• soft tread 60 Shore A, wheel variant (-TPS) • special colour	• soft tread 60 Shore A, wheel variant (-TPS) • with top plate fitting stainless steel version in accordance with GKN standard (-PX27) • stainless steel plug-in stem fitting (-ZAX51) • special colour	• soft tread 60 Shore A, wheel variant (-TPS) • special colour
Matching fixed bracket series	BKFG	BKFG	BKFGX	BKFGX
Additional considerations	• the top plate should be in contact with the mounting surface to maximise load capacity		• the top plate should be in contact with the mounting surface to maximise load capacity	

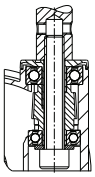
Synthetic swivel bracket

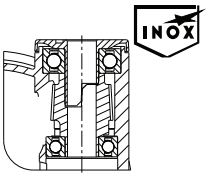
Series	LWK / LWG Synthetic swivel bracket with bolt hole, design castor WAVE	LWK / LWG Synthetic swivel bracket with top plate, design castor WAVE	LWK / LWG Synthetic swivel bracket with stem, design castor WAVE	LWKX / LWGX Synthetic swivel bracket with bolt hole, design castor WAVE
For wheel Ø	100–125 mm	100–125 mm	100–125 mm	100–125 mm
Load capacity	up to 110 kg	up to 110 kg	up to 110 kg	up to 110 kg
Bracket structure	high-quality nylon 6, impact resistant, encapsulated, double-sealed, grooved ball bearing in the swivel head, modern, appealing design	high-quality nylon 6, impact resistant, encapsulated, double-sealed, grooved ball bearing in the swivel head, modern, appealing design	high-quality nylon 6, impact resistant, encapsulated, double-sealed, grooved ball bearing in the swivel head, with steel plug-in stem, bolted and secured, modern, appealing design	high-quality nylon 6, impact resistant, encapsulated, double-sealed, grooved ball bearing in the swivel head, all parts including axle material are corrosion-resistant, modern, appealing design
Surface	LWK: grey white RAL 9002 LWG: silver grey RAL 7001	LWK: grey white RAL 9002 LWG: silver grey RAL 7001 zinc-plated steel top plate	LWK: grey white RAL 9002 LWG: silver grey RAL 7001 zinc-plated steel stem	LWKX: grey white RAL 9002 LWGX: silver grey RAL 7001
Swivel head seal	encapsulated, double-sealed, grooved ball bearing	encapsulated, double-sealed, grooved ball bearing	encapsulated, double-sealed, grooved ball bearing	corrosion-resistant, encapsulated, double-sealed, grooved ball bearing
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease
Temperature resistance	-20 °C to +70 °C temporarily up to +80 °C	-20 °C to +70 °C temporarily up to +80 °C	-20 °C to +70 °C temporarily up to +80 °C	-20 °C to +70 °C temporarily up to +80 °C
Fitting types	bolt hole	top plate	stem	bolt hole
Brake systems				
“stop-fix”	✓	✓	✓	✓
“stop-top”				
“central-stop”	✓			
“ideal-stop”				
“Radstop”				
Directional lock				
Options	• electrically conductive, non-marking (-ELS) • threaded pin (-GS10 / -GS12) • expander fitting for round and square tubes (see page 168) • special colour • buffer (see page 169)	• electrically conductive, non-marking (-ELS) • plate size 78x66 mm (-P28) • special colour	• electrically conductive, non-marking (-ELS) • special colour	• electrically conductive, non-marking (-ELS) • threaded pin (-GSX10 / -GSX12) • expander fitting for round and square tubes (see page 168) • special colour • buffer (see page 169)
Matching fixed bracket series	–	–	–	–
Additional considerations	• the top plate should be in contact with the mounting surface to maximise load capacity		• the top plate should be in contact with the mounting surface to maximise load capacity	• the top plate should be in contact with the mounting surface to maximise load capacity

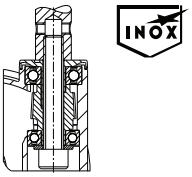
Synthetic swivel bracket

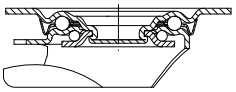
Series	 **LWKX / LWGX** Synthetic swivel bracket with top plate, design castor WAVE	 **LWKX / LWGX** Synthetic swivel bracket with stem, design castor WAVE	 **LKDG / LKDB** Synthetic twin wheel swivel bracket for furniture castors	 **LKD / LKDG** Synthetic twin wheel swivel bracket with bolt hole, design castor MOVE
For wheel Ø	100–125 mm	100–125 mm	50–100 mm	100–125 mm
Load capacity	up to 110 kg	up to 110 kg	up to 110 kg	up to 125 kg
Bracket structure	high-quality nylon 6, impact resistant, encapsulated, double-sealed, grooved ball bearing in the swivel head, all parts including axle material are corrosion-resistant, modern, appealing design	high-quality nylon 6, impact resistant, encapsulated, double-sealed, grooved ball bearing in the swivel head, stainless steel plug-in stem, bolted and secured, all parts including axle material are corrosion-resistant, modern, appealing design	high-quality nylon 6, impact resistant, high-quality synthetic plain bore in the swivel head	high-quality nylon 6, impact resistant, two grooved ball bearings in the swivel head sealed on both sides, modern, appealing design
Surface	LWKX: grey white RAL 9002 LWGX: silver grey RAL 7001 vibration-ground finished stainless steel top plate	LWKX: grey white RAL 9002 LWGX: silver grey RAL 7001 vibration-ground finished stainless steel stem	LKDG: light grey RAL 7035 LKDB: black RAL 9005 zinc-plated steel threaded pin	LKD: grey white RAL 9002 LKDG: silver grey RAL 7001
Swivel head seal	corrosion-resistant, encapsulated, double-sealed, grooved ball bearing	corrosion-resistant, encapsulated, double-sealed, grooved ball bearing		two grooved ball bearings sealed on both sides
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease
Temperature resistance	-20 °C to +70 °C temporarily up to +80 °C	-20 °C to +70 °C temporarily up to +80 °C	-30 °C to +70 °C temporarily up to +80 °C	-20 °C to +70 °C temporarily up to +80 °C
Fitting types	top plate	stem	threaded pin	bolt hole
Brake systems				
“stop-fix”	✓	✓		✓
“stop-top”				
“central-stop”				
“ideal-stop”				
“Radstop”			✓	
Directional lock				✓
Options	• electrically conductive, non-marking (-ELS) • plate size 90x66 mm (-PX26) • special colour	• electrically conductive, non-marking (-ELS) • special colour	• electrically conductive, non-marking (-ELS) • stainless steel version • zinc-plated steel top plate fitting (-P...) • zinc-plated steel plug-in pin (-ES) • special colour	• electrically conductive, non-marking (-ELS) • threaded pin (-GS10 / -GS12) • directional lock combined with wheel brake (1 x 360°) (-RIFI) • special mounting height 135 mm (LKDH / LKDGH) • top plate fitting (-P25/-P26)
Matching fixed bracket series	–	–	–	–
Additional considerations		• the top plate should be in contact with the mounting surface to maximise load capacity		• the top plate should be in contact with the mounting surface to maximise load capacity

Synthetic swivel bracket / pressed steel swivel bracket for transport equipment castors



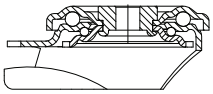
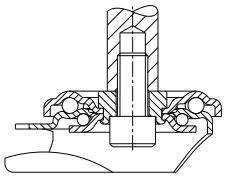
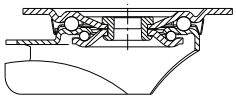
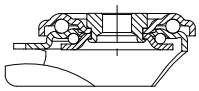




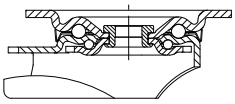
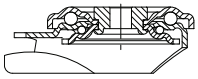
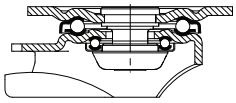
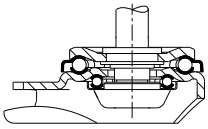


Series	LKD / LKDG Synthetic twin wheel swivel bracket with stem, design castor MOVE	LKDX / LKDGX Synthetic twin wheel swivel bracket, corrosion resistant, with bolt hole, designer castor MOVE	LKDX / LKDGX Synthetic twin wheel swivel bracket, corrosion resistant, with stem fitting, designer castor MOVE	LE Pressed steel swivel bracket with top plate
For wheel Ø	100–125 mm	100–125 mm	100–125 mm	60–200 mm
Load capacity	up to 125 kg	up to 125 kg	up to 125 kg	up to 300 kg
Bracket structure	high-quality nylon 6, impact resistant, two grooved ball bearings in the swivel head sealed on both sides, with steel plug-in stem, bolted and secured, modern, appealing design	high-quality nylon 6, impact resistant, two corrosion-resistant grooved ball bearings in swivel head sealed on both sides, all parts including axle material are corrosion-resistant, modern, appealing design	high-quality nylon 6, impact resistant, two corrosion-resistant grooved ball bearings in swivel head sealed on both sides, with stainless steel plug-in stem, bolted and secured, all parts including axle material are corrosion-resistant, modern, appealing design	pressed steel, double ball bearing in the swivel head, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process
Surface	LKD: grey white RAL 9002 LKDG: silver grey RAL 7001 zinc-plated steel stem	LKDX: grey white RAL 9002 LKDGX: silver grey RAL 7001	LKDX: grey white RAL 9002 LKDGX: silver grey RAL 7001 vibration-ground finished stainless steel stem	zinc-plated, blue-passivated, Cr6-free
Swivel head seal	two grooved ball bearings sealed on both sides	two corrosion-resistant grooved ball bearings sealed on both sides	two corrosion-resistant grooved ball bearings sealed on both sides	sealing ring with integrated ball spacer
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease
Temperature resistance	-20 °C to +70 °C temporarily up to +80 °C	-20 °C to +70 °C temporarily up to +80 °C	-20 °C to +70 °C temporarily up to +80 °C	-30 °C to +70 °C
Fitting types	stem	bolt hole	stem	top plate
Brake systems				
“stop-fix”	✓	✓	✓	✓
“stop-top”				✓
“central-stop”				✓
“ideal-stop”				
“Radstop”				
Directional lock	✓	✓	✓	✓
Options	• electrically conductive, non-marking (-ELS) • directional lock combined with wheel brake (1 x 360°) (-RIFI) • special mounting height 135 mm (LKDH / LKDGH)	• electrically conductive, non-marking (-ELS) • threaded pin (-GSX10 / -GSX12) • directional lock combined with wheel brake (1 x 360°) (-RIFI) • special mounting height 135 mm (LKDXH / LKDGXH) • top plate fitting (-PX25/-PX26)	• electrically conductive, non-marking (-ELS) • directional lock combined with wheel brake (1 x 360°) (-RIFI) • special mounting height 135 mm (LKDXH / LKDGXH)	• steel foot guard (-FS)
Matching fixed bracket series	–	–	–	B
Additional considerations	• the top plate should be in contact with the mounting surface to maximise load capacity	• the top plate should be in contact with the mounting surface to maximise load capacity	• the top plate should be in contact with the mounting surface to maximise load capacity	

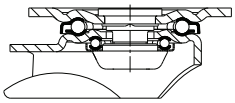
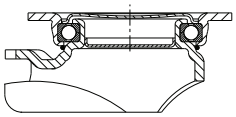
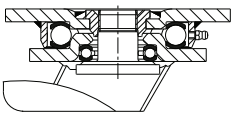
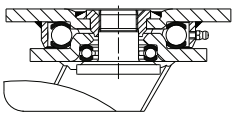
Pressed steel swivel bracket for transport equipment castors

Series	 **LER** Pressed steel swivel bracket with bolt hole	 **LEZ** Pressed steel swivel bracket with stem	 **L** Pressed steel swivel bracket, medium-duty version, with top plate	 **LR** Pressed steel swivel bracket, medium-duty version, with bolt hole
For wheel Ø	60–200 mm	75–200 mm	60–280 mm	60–125 mm
Load capacity	up to 300 kg	up to 300 kg	up to 600 kg	up to 250 kg
Bracket structure	pressed steel, double ball bearing in the swivel head, strong central kingpin, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process	pressed steel, double ball bearing in the swivel head, steel plug-in stem and central kingpin bolted and secured, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process	pressed steel, double ball bearing in the swivel head, strong central kingpin (from wheel Ø 150 mm), minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process	pressed steel, double ball bearing in the swivel head, strong central kingpin, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process
Surface	zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free
Swivel head seal	ball protection from special design of swivel head	ball protection from special design of swivel head	sealing ring with integrated ball spacer (exception: plate size 175x175 mm)	ball protection from special design of swivel head
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease
Temperature resistance	-30 °C to +130 °C	-30 °C to +130 °C	-30 °C to +70 °C	-30 °C to +130 °C
Fitting types	bolt hole	stem	top plate	bolt hole
Brake systems				
“stop-fix”	✓	✓	✓	
“stop-top”			✓	
“central-stop”			✓	
“ideal-stop”				
“Radstop”			✓	✓
Directional lock			✓	
Options	• steel foot guard (-FS) • truck lock (FF...)	• steel foot guard (-FS)	• steel foot guard (-FS)	
Matching fixed bracket series	–	–	B, BH	–
Additional considerations	• the top plate should be in contact with the mounting surface to maximise load capacity	• the top plate should be in contact with the mounting surface to maximise load capacity		• the top plate should be in contact with the mounting surface to maximise load capacity

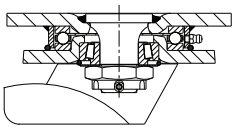
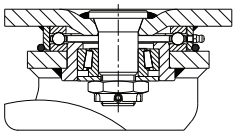
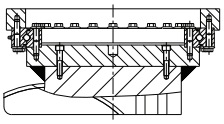
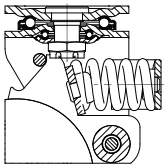
Pressed steel swivel bracket for transport equipment castors / pressed steel swivel bracket for heavy-duty castors

Series	 **LK** Pressed steel swivel bracket, heavy-duty version, with top plate	 **LKR** Pressed steel swivel bracket, heavy-duty version, with bolt hole	 **LH** Pressed steel swivel bracket, heavy-duty version, with top plate	 **LHZ** Pressed steel swivel bracket, heavy-duty design, with stem
For wheel Ø	65–200 mm	65–125 mm	60–250 mm	125–200 mm
Load capacity	up to 600 kg	up to 350 kg	up to 900 kg	up to 800 kg
Bracket structure	strong pressed steel, double ball bearing in the swivel head, strong central kingpin (from wheel Ø 125x50 mm), minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process	strong pressed steel, double ball bearing in the swivel head, strong central kingpin, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process	strong pressed steel, heavy fork and top plate, double ball bearing in the swivel head, particularly resistant to shocks and impact due to four specially-shaped, hardened bearing seats, bolted and secured central kingpin, extremely strong, minimum wear at high load	strong pressed steel, heavy fork and top plate, double ball bearing in the swivel head, particularly resistant to shocks and impact due to four specially-shaped, hardened bearing seats, very strong, welded steel plug-in stem, bolted and secured, minimum wear at high load
Surface	zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free
Swivel head seal	sealing ring with integrated ball spacer	ball protection from special design of swivel head	ball protection from special design of swivel head	ball protection from special design of swivel head
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease
Temperature resistance	-30 °C to +70 °C	-30 °C to +130 °C	-30 °C to +130 °C	-30 °C to +130 °C
Fitting types	top plate	bolt hole	top plate	stem
Brake systems				
“stop-fix”	✓	✓	✓	✓
“stop-top”	✓		✓	✓
“central-stop”	✓		✓	
“ideal-stop”	✓		✓	
“Radstop”				
Directional lock	✓		✓	
Options	• steel foot guard (-FS) • truck lock (FF...)	• steel foot guard (-FS) • truck lock (FF...)	• steel foot guard (-FS) • spring-loaded foot guard (-FG) • truck lock (FF...)	• steel foot guard (-FS)
Matching fixed bracket series	BK, BH	–	BH	–
Additional considerations		• the top plate should be in contact with the mounting surface to maximise load capacity		• the top plate should be in contact with the mounting surface to maximise load capacity

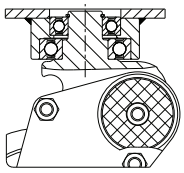
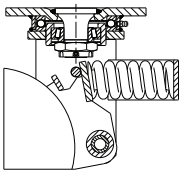
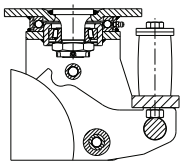
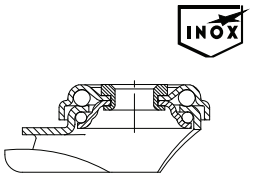
Swivel bracket for heavy-duty castors

Series	LHD	LUH	LO	LOD
				
	Pressed steel twin wheel swivel bracket, heavy-duty design, with top plate	Pressed steel swivel bracket, heavy-duty design, enclosed, with top plate	Heavy-duty welded steel swivel bracket	Heavy-duty welded steel twin wheel swivel bracket
For wheel Ø	60–125 mm	125–200 mm	125–250 mm	75–125 mm
Load capacity	up to 500 kg	up to 1,000 kg	up to 1,200 kg	up to 1,200 kg
Bracket structure	strong pressed steel, heavy fork and top plate, double ball bearing in the swivel head, particularly resistant to shocks and impact due to four specially-shaped, hardened bearing seats, bolted and secured central kingpin, extremely strong, minimum wear at high load	strong pressed steel, four-point ball bearing for extremely heavy loads, particularly resistant to shocks and impact due to specially-shaped, hardened bearing seats, smooth rolling characteristic and low wear, increased service life	solid welded steel construction, double ball bearing in the swivel head, particularly resistant to shocks and impact due to four specially-shaped, hardened bearing seats, grease nipple, bolted and secured welded central kingpin, extremely strong	solid welded steel construction, double ball bearing in the swivel head, particularly resistant to shocks and impact due to four specially-shaped, hardened bearing seats, grease nipple, bolted and secured welded central kingpin, extremely strong
Surface	zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free
Swivel head seal	ball protection from special design of swivel head	enclosed and sealed swivel head	ball protection due to labyrinth design	ball protection due to labyrinth design
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease
Temperature resistance	-30 °C to +130 °C	-30 °C to +100 °C	-30 °C to +130 °C	-30 °C to +130 °C
Fitting types	top plate	top plate	top plate	top plate
Brake systems				
“stop-fix”		✓		
“stop-top”			✓	
“central-stop”				
“ideal-stop”				
“Radstop”				
Directional lock		✓	✓	
Options		• steel foot guard (-FS) • truck lock (FF...)	• plate size 175x140 mm (-35) • steel foot guard (-FS) • truck lock (FF...)	
Matching fixed bracket series	BOD	BH	BO	BOD
Additional considerations	• the long plate side is parallel to the wheel axle for fixed castors			• the long plate side is parallel to the wheel axle for fixed castors

Swivel bracket for heavy-duty castors / spring-loaded heavy-duty swivel bracket

Series	 **LS** Heavy-duty welded steel swivel bracket, heavy-duty swivel head	 **LSD** Heavy-duty welded steel twin wheel swivel bracket, heavy-duty swivel head	 **LSSD** Heavy-duty welded steel twin wheel swivel bracket, extra heavy-duty swivel head	 **LHF** Pressed steel swivel bracket, heavy-duty design, with steel spring
For wheel Ø	100–620 mm	80–500 mm	500 mm	100–200 mm
Load capacity	up to 12,000 kg	up to 20,000 kg	30,000 kg	up to 800 kg
Bracket structure	particularly robust welded steel construction, axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head, grease nipple, bolted and secured welded central kingpin, extremely strong	particularly robust welded steel construction, axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head, grease nipple, bolted and secured welded central kingpin, extremely strong	particularly robust welded steel construction, four-point swivel bearing for extremely heavy loads, grease nipple	strong pressed steel, heavy fork and top plate, double ball bearing in the swivel head, particularly resistant to shocks and impact due to four specially-shaped, hardened bearing seats, bolted and secured central kingpin, extremely strong, minimum wear at high load, robust spring structure with steel spring
Surface	zinc-plated, yellow-passivated, Cr6-free	zinc-plated, yellow-passivated, Cr6-free	zinc-plated, yellow-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free
Swivel head seal	ball protection due to sealing ring and labyrinth design	ball protection due to sealing ring and labyrinth design	integrated sealing ring for ball protection	ball protection from special design of swivel head
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease	according to Blickle maintenance instructions	maintenance-free, long-life grease
Temperature resistance	-30 °C to +100 °C	-30 °C to +100 °C	-30 °C to +100 °C	-30 °C to +130 °C
Fitting types	top plate	top plate	top plate	top plate
Brake systems				
“stop-fix”				
“stop-top”	✓			
“central-stop”				
“ideal-stop”				
“Radstop”	✓	✓		✓
Directional lock	✓	✓	✓	
Options	• steel foot guard (-FS) • spring-loaded foot guard (-FG) • truck lock (FF...)	• steel foot guard (-FS)		
Matching fixed bracket series	BS	BSD	BSSD	BHF
Additional considerations		• the long plate side is parallel to the wheel axle for fixed castors		

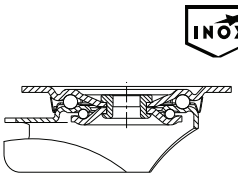
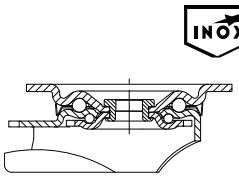
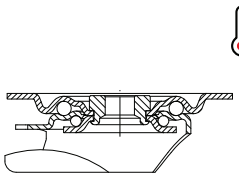
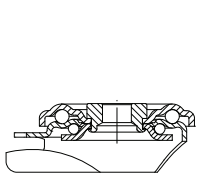
Spring-loaded, heavy-duty swivel bracket / stainless steel swivel bracket for light-duty castors

Series	LPFE	LSFN	LSFE	LRXA / LKRXA
				
	Heavy-duty swivel bracket with polyurethane torsion springs	Heavy-duty welded steel swivel bracket with steel spring	Heavy-duty welded steel swivel bracket with polyurethane spring	Stainless steel light-duty swivel bracket with bolt hole
For wheel Ø	100–150 mm	160–300 mm	160–250 mm	50–125 mm
Load capacity	up to 500 kg	up to 2,400 kg	up to 1,800 kg	up to 120 kg
Bracket structure	solid welded steel construction, solid forged part, one sealed lifetime lubricated grooved ball bearing in the swivel head (two for wheel Ø 125x50 mm or more), patented woodruff key design for outstanding spring-damping properties	particularly robust welded steel construction, axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head, grease nipple, bolted and secured welded central kingpin, extremely strong, minimum wear at high load, robust spring structure with steel spring	particularly robust welded steel construction, axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head, grease nipple, bolted and secured welded central kingpin, extremely strong, elastomer spring for excellent damping properties	high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, double ball bearing in the swivel head, strong central kingpin, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process, all parts including axle material are corrosion-resistant
Surface	zinc-plated, yellow-passivated, Cr6-free	zinc-plated, yellow-passivated, Cr6-free	zinc-plated, yellow-passivated, Cr6-free	vibration-ground finishing
Swivel head seal	two sealed grooved ball bearings	ball protection due to sealing ring and labyrinth design	ball protection due to sealing ring and labyrinth design	ball protection from special design of swivel head
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease
Temperature resistance	-20 °C to +80 °C	-30 °C to +100 °C	-20 °C to +80 °C	-30 °C to +130 °C
Fitting types	top plate	top plate	top plate	bolt hole
Brake systems				
“stop-fix”				✓
“stop-top”				
“central-stop”				
“ideal-stop”				
“Radstop”		✓	✓	
Directional lock		✓	✓	
Options	• stem fitting (-ZA)	• different spring tensions	• different spring tensions	• expander fitting for round and square tubes (see page 398) • stainless steel plug-in stem fitting (-ZAX51) • buffer (see page 398)
Matching fixed bracket series	BPFE	BSFN	BSFE	BRXA, BKRXA
Additional considerations			• spring characteristics can be adjusted by swapping out the elastomer hinged plate construction	• the top plate should be in contact with the mounting surface to maximise load capacity

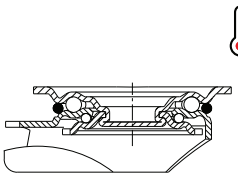
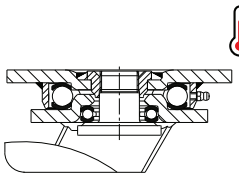
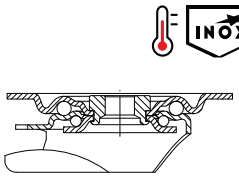
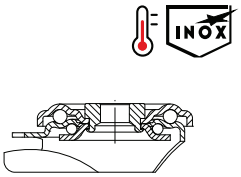
Stainless steel swivel bracket for light-duty and transport equipment castors

Series	LPXA / LKPXA Stainless steel light-duty swivel bracket with top plate	LEX Stainless steel swivel bracket with top plate	LEXR Stainless steel swivel bracket with bolt hole	LEXZ Stainless steel swivel bracket with stem
For wheel Ø	50–125 mm	75–200 mm	75–200 mm	75–200 mm
Load capacity	up to 120 kg	up to 300 kg	up to 300 kg	up to 300 kg
Bracket structure	high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, double ball bearing in the swivel head, strong central kingpin, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process, all parts including axle material are corrosion-resistant	high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, double ball bearing in the swivel head, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process, all parts including axle material are corrosion-resistant	high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, double ball bearing in the swivel head, strong central kingpin, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process, all parts including axle material are corrosion-resistant	high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, double ball bearing in the swivel head, stainless steel plug-in stem and central kingpin bolted and secured, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process, all parts including axle material are corrosion-resistant
Surface	vibration-ground finishing	vibration-ground finishing	vibration-ground finishing	vibration-ground finishing
Swivel head seal	ball protection from special design of swivel head	sealing ring with integrated ball spacer	ball protection from special design of swivel head	ball protection from special design of swivel head
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease
Temperature resistance	-30 °C to +130 °C	-30 °C to +70 °C	-30 °C to +130 °C	-30 °C to +130 °C
Fitting types	top plate	top plate	bolt hole	stem
Brake systems				
“stop-fix”	✓	✓	✓	✓
“stop-top”				
“central-stop”				
“ideal-stop”		✓		
“Radstop”				
Directional lock		✓		
Options		• automatic direction reset device (-RIR2) • washing machine resistant castor (DIN 18867-8) (-GKN) • synthetic foot guard (-FP)	• synthetic foot guard (-FP)	• synthetic foot guard (-FP)
Matching fixed bracket series	BPXA, BKPXA	BX	–	–
Additional considerations			• the top plate should be in contact with the mounting surface to maximise load capacity	• the top plate should be in contact with the mounting surface to maximise load capacity

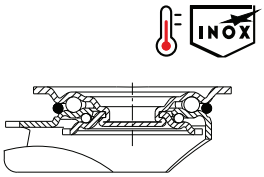
Stainless steel swivel bracket / heat-resistant pressed steel swivel bracket

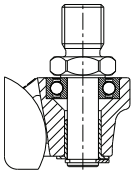
Series	LX	LKX	LI	LIR
				
	Stainless steel swivel bracket, medium-duty version, with top plate	Stainless steel swivel bracket, heavy-duty design, with top plate	Heat-resistant pressed steel swivel bracket with top plate	Heat-resistant pressed steel swivel bracket with bolt hole
For wheel Ø	100–200 mm	75–200 mm	80–200 mm	80–125 mm
Load capacity	up to 400 kg	up to 800 kg	up to 400 kg	up to 150 kg
Bracket structure	high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, double ball bearing in the swivel head, strong central kingpin, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process, all parts including axle material are corrosion-resistant	high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, double ball bearing in the swivel head, strong central kingpin (from wheel Ø 125x50 mm), minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process, all parts including axle material are corrosion-resistant	pressed steel, double ball bearing in the swivel head, strong central kingpin, smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process used for the swivel head, swivel head play is set specifically for high-temperature applications	pressed steel, double ball bearing in the swivel head, strong central kingpin, smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process used for the swivel head, swivel head play is set specifically for high-temperature applications
Surface	vibration-ground finishing	vibration-ground finishing	zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free
Swivel head seal	sealing ring with integrated ball spacer	sealing ring with integrated ball spacer	ball protection from special design of swivel head	ball protection from special design of swivel head
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease
Temperature resistance	-30 °C to +70 °C	-30 °C to +70 °C	-35 °C to +270 °C temporarily up to +300 °C	-35 °C to +270 °C temporarily up to +300 °C
Fitting types	top plate	top plate	top plate	bolt hole
Brake systems				
“stop-fix”	✓	✓	✓	✓
“stop-top”	✓	✓		
“central-stop”				
“ideal-stop”				
“Radstop”				
Directional lock	✓	✓		
Options	• synthetic foot guard (-FP)	• automatic direction reset device (-RIR2)	• PTFE coated stainless steel axle tube (-XAT)	• PTFE coated stainless steel axle tube (-XAT)
Matching fixed bracket series	BX	BKX	B, BI	–
Additional considerations			• passivation may be altered slightly in high temperatures, corrosion protection will remain unaffected	• the top plate should be in contact with the mounting surface to maximise load capacity • passivation may be altered slightly in high temperatures, corrosion protection will remain unaffected

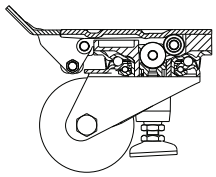
Heat-resistant pressed steel / stainless steel swivel bracket

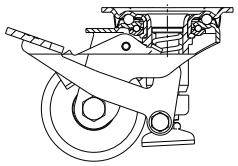
Series	LIK	LIO	LIX	LIXR
				
	Heat-resistant pressed steel swivel bracket, heavy-duty design, with top plate	Heat-resistant, heavy-duty welded steel swivel bracket	Heat-resistant stainless steel swivel bracket with top plate	Heat-resistant stainless steel swivel bracket with bolt hole
For wheel Ø	100–125 mm	125–250 mm	80–200 mm	80–125 mm
Load capacity	up to 350 kg	up to 1,200 kg	up to 400 kg	up to 150 kg
Bracket structure	strong pressed steel, double ball bearing in the swivel head, smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process used for the swivel head, swivel head play is set specifically for high-temperature applications	solid welded steel construction, double ball bearing in the swivel head, particularly resistant to shocks and impact due to four specially-shaped, hardened bearing seats, grease nipple, bolted and secured welded central kingpin, extremely strong, swivel head play is set specifically for high-temperature applications	high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, double ball bearing in the swivel head, strong central kingpin, smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process used for the swivel head, swivel head play is set specifically for high-temperature applications, all parts including axle material are corrosion-resistant	high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, double ball bearing in the swivel head, strong central kingpin, smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process used for the swivel head, swivel head play is set specifically for high-temperature applications, all parts including axle material are corrosion-resistant
Surface	zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free	vibration-ground finishing	vibration-ground finishing
Swivel head seal	ball protection due to highly heat-resistant sealing ring	ball protection due to labyrinth design	ball protection from special design of swivel head	ball protection from special design of swivel head
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease
Temperature resistance	-35 °C to +270 °C temporarily up to +300 °C	-35 °C to +270 °C temporarily up to +300 °C	-35 °C to +270 °C temporarily up to +300 °C	-35 °C to +270 °C temporarily up to +300 °C
Fitting types	top plate	top plate	top plate	bolt hole
Brake systems				
“stop-fix”	✓		✓	✓
“stop-top”		✓		
“central-stop”				
“ideal-stop”				
“Radstop”				
Directional lock		✓		
Options	• PTFE coated stainless steel axle tube (-XAT)		• grease-free swivel head (-OF) • PTFE coated stainless steel axle tube (-XAT)	• grease-free swivel head (-OF) • PTFE coated stainless steel axle tube (-XAT)
Matching fixed bracket series	BK, BIK	BO	BX	–
Additional considerations	• passivation may be altered slightly in high temperatures, corrosion protection will remain unaffected	• passivation may be altered slightly in high temperatures, corrosion protection will remain unaffected		• the top plate should be in contact with the mounting surface to maximise load capacity

Heat-resistant, stainless steel swivel bracket / compact castors swivel bracket / levelling castor swivel bracket



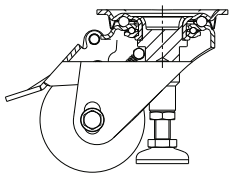


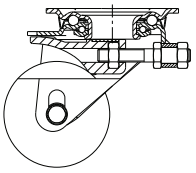


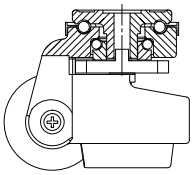


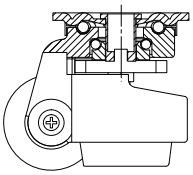
Series	LIKX Heat-resistant stainless steel swivel bracket, heavy-duty design, with top plate	LD Swivel bracket for twin wheel compact castor	HRLK Levelling castor pressed steel swivel bracket with fixed operating lever, with top plate fitting	HRLK...-HN Levelling castor pressed steel swivel bracket with swivelling operating and release lever, with top plate fitting
For wheel Ø	100–125 mm	50–60 mm	75–100 mm	80 mm
Load capacity	up to 300 kg	up to 250 kg	up to 300 kg	up to 250 kg
Bracket structure	high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, double ball bearing in the swivel head, smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process used for the swivel head, swivel head play is set specifically for high-temperature applications, all parts including axle material are corrosion-resistant	zinc die-cast, high-quality ball bearing in the swivel head, zinc-plated steel threaded pin	strong pressed steel, double ball bearing in the swivel head, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process, steel truck lock, height adjustment with lever	strong pressed steel, double ball bearing in the swivel head, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process, steel truck lock, height adjustment with swiveling operating and release lever
Surface	vibration-ground finishing	steel threaded pin zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free
Swivel head seal	ball protection due to highly heat-resistant sealing ring		sealing ring with integrated ball spacer	sealing ring with integrated ball spacer
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease
Temperature resistance	-35 °C to +270 °C temporarily up to +300 °C	-20 °C to +60 °C	-30 °C to +70 °C	-30 °C to +70 °C
Fitting types	top plate	threaded pin	top plate	top plate
Brake systems				
“stop-fix”	✓			
“stop-top”				
“central-stop”				
“ideal-stop”				
“Radstop”				
Directional lock				
Options	• PTFE coated stainless steel axle tube (-XAT)			
Matching fixed bracket series	BKX	–	–	–
Additional considerations			• ergonomic lever • fixed position lever for ease of use of the lever • high floor clearance in the travel position	• low force required to release and activate the truck lock • operating and release lever can be pivoted under the edge of the unit • high floor clearance in the travel position

Levelling castor swivel bracket



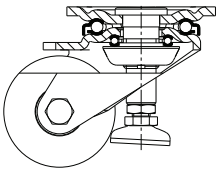
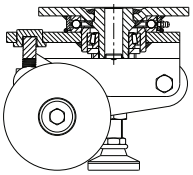
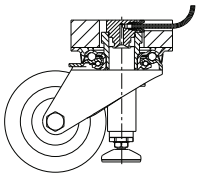




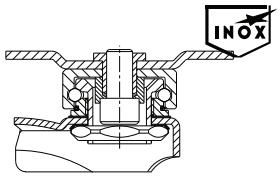


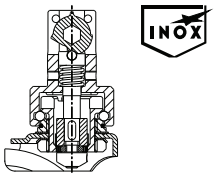
Series	**HRLK...-F** Levelling castors with fixed lock and height-adjustable wheel with top plate	**HRLK...-VS** Height adjustment castor pressed steel swivel bracket with adjustment screw, with top plate fitting	**HRIG** Levelling castor swivel bracket with bolt hole (female thread)	**HRP / HRSP** Levelling castor swivel bracket with top plate
For wheel Ø	80 mm	80–100 mm	45–72 mm	45–90 mm
Load capacity	up to 150 kg	up to 280 kg	up to 750 kg	2,000 kg
Bracket structure	strong pressed steel, double ball bearing in the swivel head, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process, steel truck lock, height adjustment with swiveling operating lever	strong pressed steel, double ball bearing in the swivel head, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process, total height can be adjusted when stationary with adjustment screw (SW17), wheel locked in place with adjustment screw is used	die-cast aluminium, high-quality ball bearing in the swivel head, hexagonal steel top plate, truck lock made of hard rubber, height adjustment using wrench or integrated adjustment wheel	die-cast aluminium, high-quality ball bearing in the swivel head, steel top plate, truck lock made of hard rubber (HRSP: truck lock made of aluminium), height adjustment using wrench or integrated adjustment wheel, series HRSP with wrench only
Surface	zinc-plated, blue-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free	powder-coated	powder-coated
Swivel head seal	sealing ring with integrated ball spacer	sealing ring with integrated ball spacer	sealing ring	sealing ring
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease
Temperature resistance	-30 °C to +70 °C	-30 °C to +70 °C	-10 °C to +90 °C	-10 °C to +90 °C
Fitting types	top plate	top plate	bolt hole (female thread)	top plate
Brake systems				
“stop-fix”				
“stop-top”				
“central-stop”				
“ideal-stop”				
“Radstop”				
Directional lock		✓		
Options				
Matching fixed bracket series	–	–	–	–
Additional considerations	• very good stability • low force required to make height adjustments to the wheel • lever can be pivoted under the edge of the unit	• wheel locking when height adjustment is active • battery-powered screwdriver can be used to make height adjustments quickly	• the top plate should be in contact with the mounting surface to maximise load capacity	• compact mounting height

Levelling castor swivel bracket

Series	 **HRLH / HRLHD** Levelling castor pressed steel swivel bracket, heavy-duty design, with top plate	 **HRLSD** Heavy-duty, welded steel levelling castor twin wheel swivel bracket, heavy-duty swivel head	 **HRLK...-HYD** Levelling castor pressed steel swivel bracket, medium-duty version for hydraulic levelling castor set
For wheel Ø	75 mm	125 mm	100 mm
Load capacity	up to 600 kg	up to 1,300 kg	up to 750 kg (set)
Bracket structure	strong pressed steel, heavy fork and top plate, double ball bearing in the swivel head, bolted and secured central kingpin, extremely strong, minimum wear at high load, particularly resistant to shocks and impact due to four specially-shaped, hardened bearing seats, steel truck lock, height adjustment with wrench	particularly robust welded steel construction, axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head, grease nipple, bolted and secured welded central kingpin, extremely strong, wheels and truck lock can be levelled using a wrench (SW24)	strong pressed steel, double ball bearing in the swivel head, minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process, steel truck lock with base plate made of thermoplastic rubber-elastomer
Surface	zinc-plated, blue-passivated, Cr6-free	zinc-plated, yellow-passivated, Cr6-free	zinc-plated, blue-passivated, Cr6-free
Swivel head seal	ball protection from special design of swivel head	ball protection due to sealing ring and labyrinth design	sealing ring with integrated ball spacer
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease	maintenance-free, long-life grease
Temperature resistance	-30 °C to +90 °C	-30 °C to +100 °C	0 °C to +40 °C
Fitting types	top plate	top plate	top plate
Brake systems			
“stop-fix”			
“stop-top”			
“central-stop”			
“ideal-stop”			
“Radstop”			
Directional lock	✓		
Options			
Matching fixed bracket series	–	–	–
Additional considerations	• also available as twin wheel swivel castor • high floor clearance in the travel position • excellent stability	• excellent stability • particularly large adjustment range	• centralised, synchronised and ergonomic lifting of four levelling castors by means of a hydraulic pump • low-noise activation • very low force required • high floor clearance in the travel position

Progressus brand stainless steel swivel bracket





Series	LPX progressus rollen Stainless steel swivel bracket with top plate	LPZ progressus rollen Hospital bed castors with stem fitting and integrated switching cam
For wheel Ø	84–186 mm	150 mm
Load capacity	200 kg	200 kg
Bracket structure	precision fork head made from corrosion-resistant steel (1.4034/AISI304), four-point ball bearing for extremely heavy loads, grease nipple, fork made from corrosion-resistant stainless steel (1.4301/AISI 304)	precision fork head made from mild steel, four-point ball bearing for extremely heavy loads, grease nipple, fork made from corrosion-resistant stainless steel (1.4301/AISI 304)
Surface	fork head polished, fork vibration-ground finished	fork head chrome plated, fork vibration-ground finished
Swivel head seal	ball protection from special design of precision fork head and an o-ring	ball protection from special design of precision fork head and an o-ring
Maintenance under standard conditions	maintenance-free, long-life grease	maintenance-free, long-life grease
Temperature resistance	-30 °C to +134 °C	-30 °C to +134 °C
Fitting types	top plate	stem
Brake systems		
“stop-fix”	✓	
“stop-top”		
“central-stop”		✓
“ideal-stop”		
“Radstop”	✓	
Directional lock	✓	✓
Options	• with side wheel brake (-SRA) • with directional lock (-RI)	• with central and directional lock (-CS11RI2) • load-dependent directional latch with ball pressure screw (-RIR22)
Matching fixed bracket series	–	–
Additional considerations	• suitable for autoclaves	• suitable for autoclaves

Wheels and castors guide

Fitting types



Plate (top plate)

The castor is fixed to a level surface using bolts and nuts. The bolt hole spaces are standardised.
Plate fittings are available for both swivel and fixed castors and are used for light-duty, transport equipment and heavy-duty castors.
The plate must be aligned with the short side facing in the running direction for castors with a directional lock.

The following dimensions must be taken into consideration when selecting the plate fitting:
- plate size (external dimensions)
- bolt hole spaces
- bolt hole Ø

Diagrams of top plate fittings with external dimensions and bolt hole spacing: page 106–111



Bolt hole

The castor is attached using a connection element (e.g. a bolt) through the central hole of the swivel head. For levelling castors (series HRIG), the bolt hole has a female thread and the connection element is screwed into the central kingpin of the swivel bracket from the unit side.

The load capacities specified here can only be reached if the top plate lies along the entire diameter of the swivel castor.

This fitting type does not provide positive anti-twist locking, and therefore reduces the load capacity of the swivel head brake.

Using a bolt hole to install the castor is a cost-effective solution, which only requires a single bolt (ideally in compliance with DIN 912 / ISO 4762). This fitting type is primarily used for light-duty and transport equipment castors.

The following dimensions must be taken into consideration when selecting the fitting with a bolt hole:
- plate Ø (external dimensions) (D)
- bolt hole Ø (d)



Steel plug-in stem

The castor is fitted using a plug-in stem, which is inserted into a corresponding tube or hole and secured. The stem fitting is fixed to the castor and a fixing bolt (cross hole) or clamp must be used to prevent it rotating or falling out.
The hole must be aligned transverse to the running direction for castors with a directional lock.

The load capacities specified here can only be reached if the top plate lies along the entire diameter of the swivel castor.

Stem fittings are primarily used for light-duty, synthetic and transport equipment castors.

A stainless steel plug-in stem fitting is available for stainless steel swivel castors.

The following dimensions must be taken into consideration when selecting the fitting with a stem:
- stem Ø (P)
- stem length (Q)
- position of the cross hole (H), if applicable
- diameter of the cross hole (d), if applicable



Threaded pin

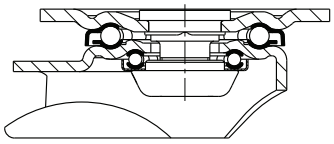
(product code suffix: -GS...)

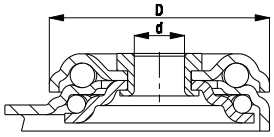
The castor is fitted using a threaded pin, which is bolted to the transport equipment using a female thread or a cylindrical hole and nut.

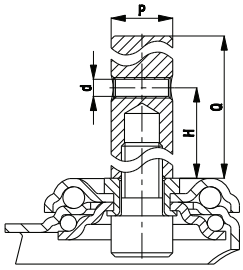
Threaded pin fittings are primarily used for light-duty castors.

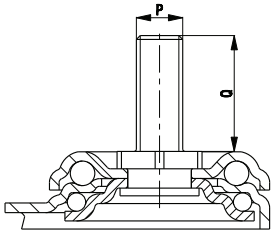
A stainless steel threaded pin (-GSX...) is available for corrosion-resistant synthetic swivel castors.

The following dimensions must be taken into consideration when selecting the fixing with a threaded pin:
- threaded pin Ø (thread M10 or M12) (P)
- threaded pin length (protrusion over the castor) (Q)









Wheels and castors guide

Fitting types



Plug-in pin

(product code suffix: -ES)

The castor is fitted using a plug-in pin, which is inserted into a corresponding tube or hole using a synthetic castor socket. The pin is firmly connected with the castor. A spring washer ensures that the swivel castor cannot fall out.
Because this fitting type does not provide an anti-twist lock, a swivel head brake will have no effect.
A plug-in pin is a quick and cost-effective method for fitting the castor to the unit. Plug-in pin fittings are primarily used for light-duty castors.

The following dimensions must be taken into consideration when selecting the fitting with a plug-in pin:
- pin Ø (P)
- pin length (Q)



Synthetic castor socket for round tubes

(product code: RHR...)

A synthetic castor socket is an adapter that is used to reduce the internal diameter of tubes to the diameter of the plug-in pin. The synthetic castor socket is pressed or driven into the holder on the unit (round tube). A swivel castor with a plug-in pin is then inserted into the castor socket.

The following dimensions must be considered when selecting a synthetic castor socket:
- internal tube Ø (P)
- pin Ø (d)
- fitting length (Q)
- flange length (B)



Metal expander

(product code suffix: -E...)

The castor is fitted using a metal expander that is inserted into a hole or a square/round tube.
The bolt spreads the clamping wedge and presses it against the inner tube wall.
The tightening torque should not exceed 50 Nm. The tightening torque can be reduced to 16 Nm for low-strength thin tubes. A hexagon on the bottom side of the expander prevents the fitting from rotating relative to the castor and coming undone.
Metal expander fittings are used for light-duty and synthetic castors.

The following dimensions must be considered when selecting an expander fitting:
- internal tube dimension (P)
- tube shape (round or square tube)
- fitting length (Q)
- flange length (B)

See page 148, 168 and 180 for information about options



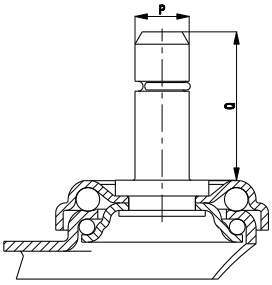
Synthetic expander

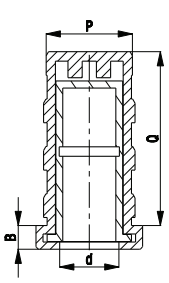
(product code suffix: -ER.../-EV...)

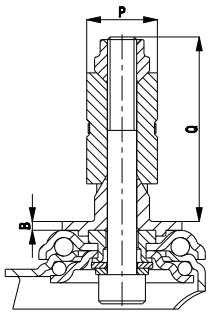
The castor is fitted using a synthetic expander, which is inserted into a hole or a square/round tube.
The bolt presses the synthetic clamping wedge against the inner tube wall.
A synthetic expander provides greater protection for the inside of the tube compared to metal expander fittings. However, it provides less holding force than a metal expander fitting. A hexagon on the bottom side of the expander prevents the fitting from rotating relative to the castor and coming undone.
Synthetic expander fittings are mainly used for light-duty and synthetic castors.
A synthetic expander with a corrosion-resistant clamping screw (-EXR.../-EXV...) is also available.

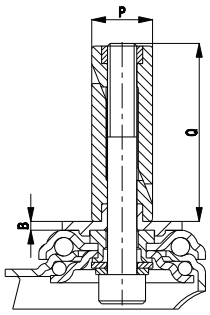
The following dimensions must be considered when selecting an expander fitting:
- internal tube dimension (P)
- tube shape (round or square tube)
- fitting length (Q)
- flange length (B)

See page 148, 168, 180 and 398 for information about options









Wheels and castors guide

Fitting types
plate fitting

Top plate fittings for light-duty and synthetic castors

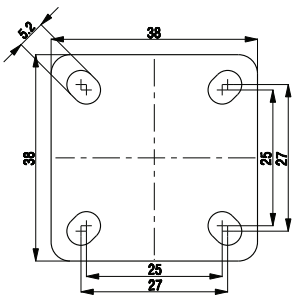


Plate no. 20

use in bracket series:

LKDB	wheel Ø	50–75 mm

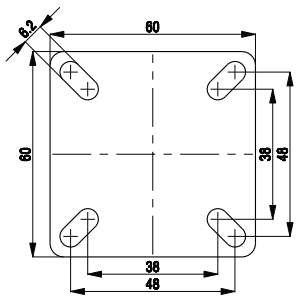


Plate no. 22

use in bracket series:

LPA / BPA	wheel Ø	35–100 mm
LPXA / BPXA	wheel Ø	50–75 mm
LDA	wheel Ø	50 mm

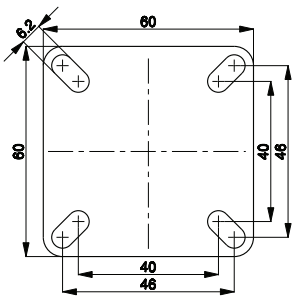


Plate no. 23

use in bracket series:

LDA	wheel Ø	75 mm
LKDG / LKDB	wheel Ø	75–100 mm

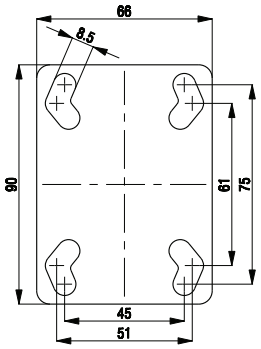


Plate no. 25 (swivel castor)

use in bracket series:

LKPA	wheel Ø	80–150 mm
LKPXA	wheel Ø	80–125 mm
LWK / LWG-P25	wheel Ø	100–125 mm
LWKX / LWGX-PX25	wheel Ø	100–125 mm
LKFG / BKFG	wheel Ø	125 mm

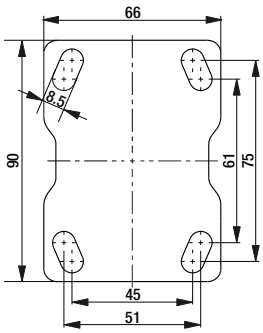


Plate no. 25 (fixed castor)

use in bracket series:

BKPA	wheel Ø	80–150 mm
BKPXA	wheel Ø	80–125 mm

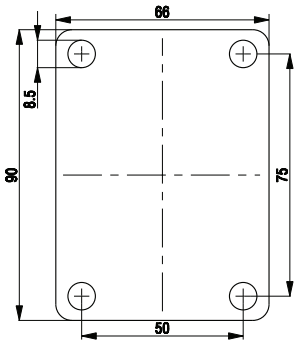


Plate no. 26

use in bracket series:

LKPXA / BKPXA	wheel Ø	125 mm
LWKX / LWGX-PX26	wheel Ø	125 mm

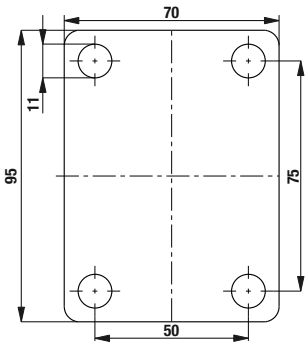


Plate no. 27

use in bracket series:

LKFGX / BKFGX	wheel Ø	125 mm

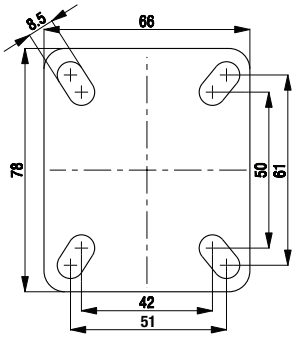


Plate no. 28

use in bracket series:

LWK / LWG-P28	wheel Ø	100–125 mm

Wheels and castors guide

Fitting types
plate fitting

Top plate fittings for transport equipment and heavy-duty castors

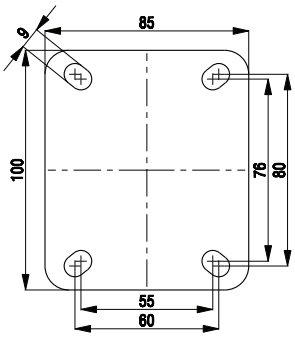


Plate no. 1

use in bracket series:

LE / B	wheel Ø	60–125 mm
LEX / BX	wheel Ø	75–200 mm
L / B	wheel Ø	75–125 mm
LX / BX	wheel Ø	100–125 mm
LI / B	wheel Ø	80–125 mm
LIX / BX	wheel Ø	80–125 mm
LK / BK	wheel Ø	75–125 mm
LKX / BKX	wheel Ø	75–125 mm
LIK / BIK	wheel Ø	100–125 mm
LIKX / BKX	wheel Ø	100–125 mm
LH / BH	wheel Ø	75–125 mm
LHD	wheel Ø	60–80 mm
LHF / BHF	wheel Ø	100–125 mm
LPFE / BPFE	wheel Ø	100–125 mm
HRLH / HRLHD	wheel Ø	75 mm
HRLK	wheel Ø	75–100 mm

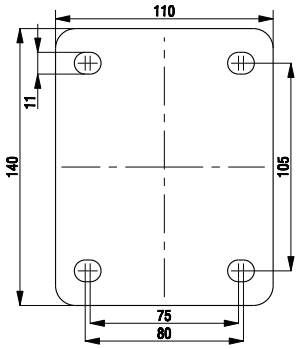


Plate no. 3

use in bracket series:

LE / B	wheel Ø	150–200 mm
LEX / BX	wheel Ø	150–200 mm
L / B	wheel Ø	140–250 mm
LX / BX	wheel Ø	150–200 mm
LI / BI	wheel Ø	150–200 mm
LIX / BX	wheel Ø	150–200 mm
LK / BK	wheel Ø	100–200 mm
LKX / BKX	wheel Ø	125–200 mm
LU / BH	wheel Ø	125–200 mm
LH / BH	wheel Ø	100–250 mm
LHD	wheel Ø	80–125 mm
LO / BO	wheel Ø	125–300 mm
LOD / BOD	wheel Ø	75–125 mm
LS / BS	wheel Ø	100–200 mm
LSD / BSD	wheel Ø	80–125 mm
LHF / BHF	wheel Ø	100–200 mm
LPFE / BPFE	wheel Ø	125–150 mm
LSFN / BSFN	wheel Ø	160–200 mm
LSFE / BSFE	wheel Ø	160–200 mm
LIO / BO	wheel Ø	125–250 mm

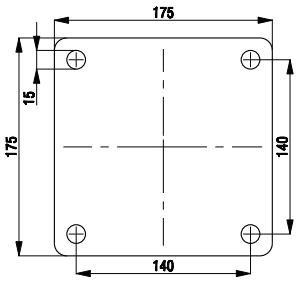


Plate no. 7

use in bracket series:

L	wheel Ø	250–280 mm

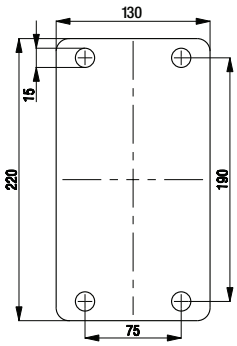


Plate no. 9

use in bracket series:

B	wheel Ø	250–280 mm

Wheels and castors guide

Fitting types
plate fitting

Top plate fittings for heavy-duty castors

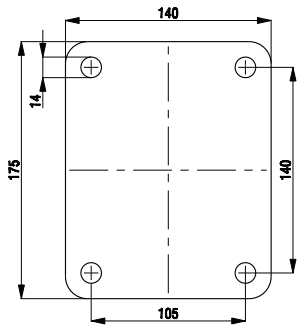


Plate no. 35

use in bracket series:

LS / BS	wheel Ø	150–400 mm
LSD / BSD	wheel Ø	100–200 mm
LSFN / BSFN	wheel Ø	200–250 mm
LSFE / BSFE	wheel Ø	200–250 mm
HRLSD	wheel Ø	125 mm

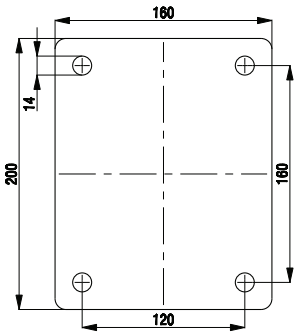


Plate no. 36

use in bracket series:

LS / BS	wheel Ø	300–520 mm
LSFN / BSFN	wheel Ø	250–300 mm
LSFE / BSFE	wheel Ø	250 mm

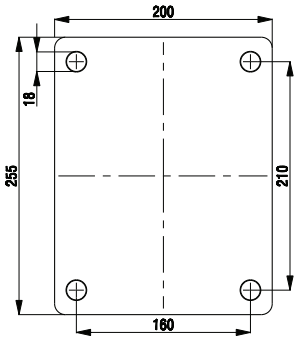


Plate no. 38

use in bracket series:

LS / BS	wheel Ø	200–620 mm
LSD / BSD	wheel Ø	125–360 mm

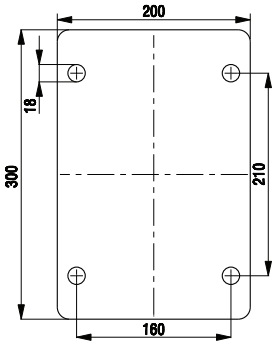


Plate no. 39

use in bracket series:

BSD	wheel Ø	300 mm

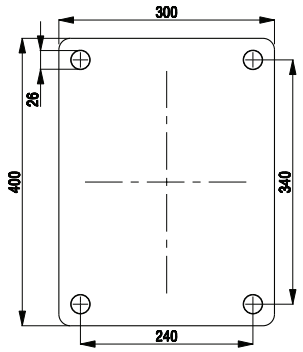


Plate no. 42

use in bracket series:

LS / BS	250–600 mm
LSD / BSD	250–500 mm

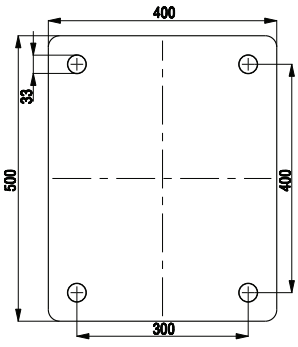


Plate no. 45

use in bracket series:

LSD / BSD	wheel Ø	300-400 mm

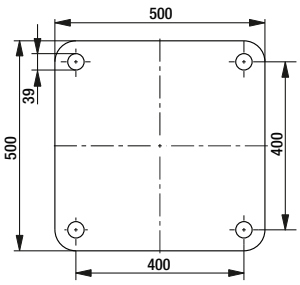


Plate no. 48

use in bracket series:

LSSD / BSSD	wheel Ø	500 mm

Wheels and castors guide

Fitting types
plate fitting

Top plate fittings for levelling castors

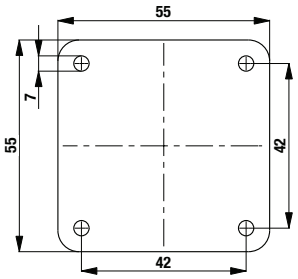


Plate no. 71

use in bracket series:

HRP	wheel Ø	45 mm

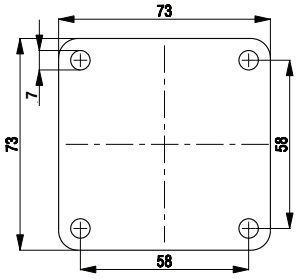


Plate no. 72

use in bracket series:

HRP	wheel Ø	50 mm

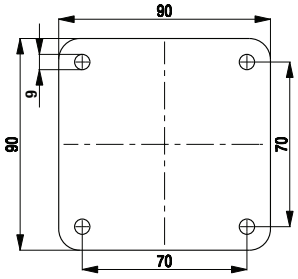


Plate no. 74

use in bracket series:

HRP	wheel Ø	63 mm

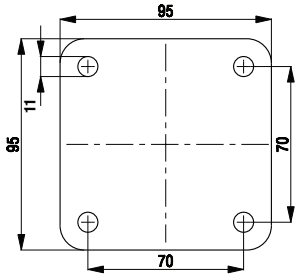


Plate no. 76

use in bracket series:

HRP	wheel Ø	72 mm
HRSP	wheel Ø	72 mm

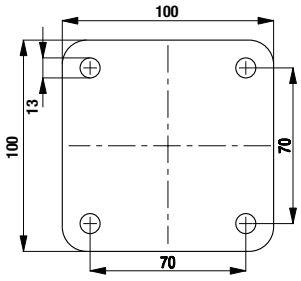


Plate no. 78

use in bracket series:

HRSP	wheel Ø	90 mm

Wheels and castors guide

Fitting types
plate fitting

Top plate fittings with imperial dimensions (inches)

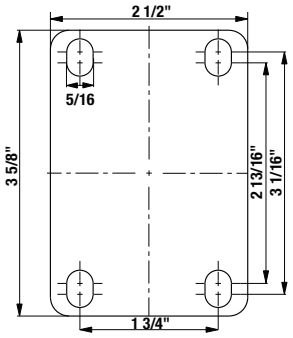


Plate no. 12

top plate fittings with non-metric dimensions (inches)
in accordance with ASME B56.11.1
(see Blickle “American Standard Casters” catalogue)

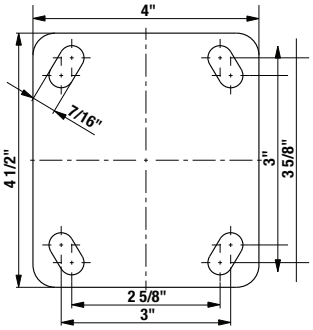


Plate no. 14

top plate fittings with non-metric dimensions (inches)
in accordance with ASME B56.11.1
(see Blickle “American Standard Casters” catalogue)

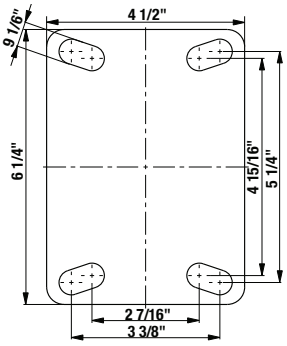


Plate no. 16

top plate fittings with non-metric dimensions (inches)
in accordance with ASME B56.11.1
(see Blickle “American Standard Casters” catalogue)

Wheels and castors guide

Fitting types
plate fitting

Top plate fittings for Progressus castors

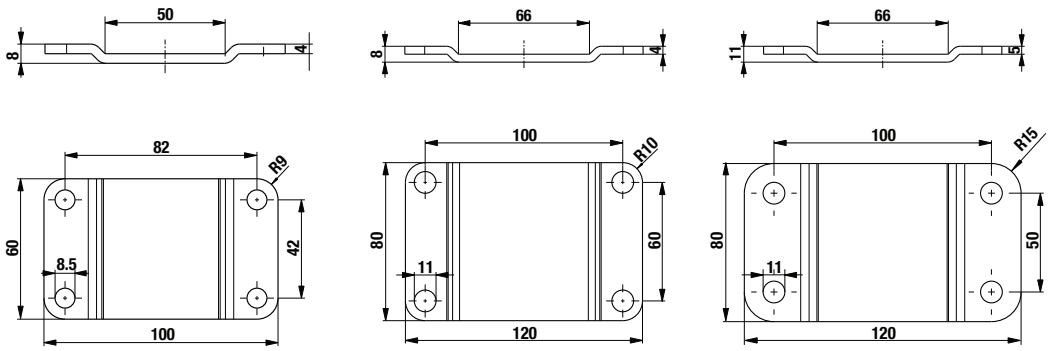


Plate no. PG1	Plate no. PG2	Plate no. PG3
use in bracket series:	use in bracket series:	use in bracket series:
LPX / BPX wheel Ø 84–105 mm	LPX / BPX wheel Ø 120–150 mm	LPX / BPX wheel Ø 186 mm

Wheel and swivel head brake

Blickle wheel and swivel head brake

Brake systems prevent swivel castors from rolling or swiveling when at a standstill (wheel and swivel head brake).

"Front", "rear", "fixed" and "central" brake systems are used.
"Front" brake systems are located on the front relative to the running direction. "Rear" brake systems are fitted to the rear of the castors.
"Fixed" brake systems do not rotate with the swivel head and the pedal always remains in the same position.
"Central" brake systems use a single lever to brake two or more castors on a transport equipment.

A brake system should be selected after careful consideration of user-friendliness, installation conditions and user-specific accident prevention measures.
Brake forces will be reduced when using a wheel with a very soft tread / tyre (e.g. wheel series VW, VWPP, P, PK, PS).

Blickle brakes

The difference between a locking system and a brake is that a locking system is used to fix the vehicle in place when at a standstill.
A brake can be used while a transport equipment is in motion to reduce its speed. Brakes can usually also be used as locks.



Blickle **"stop-fix"** wheel and swivel head brake

(product code suffix: -FI)

For light-duty, transport equipment and heavy-duty castors

This "rear" brake system uses positive locking (LUH series: non-positive) to prevent the rotation of the swivel head. The wheel is locked using a non-positive, stable brake mechanism designed for maximum safety and a long service life.

The swivel head is locked in place by locking a brake spring in a toothed ball disc. The wheel is also blocked due to the specialised design of the spring. (LUH series: non-positive locking of swivel head).

The holding pressure can be adjusted for bracket series LK and LKX (from wheel Ø 125 x 50 mm), LUH and LH.

This brake system was designed to minimise the swivel radius.



Blickle **"stop-top"** wheel and swivel head brake

(product code suffix: -ST)

For transport equipment and heavy-duty castors

This "front" brake system uses non-positive locking to prevent the rotation of the swivel head.
The wheel is locked using a non-positive, stable brake mechanism designed for maximum safety and a long service life.

The holding pressure can be adjusted.

The swivel radius of the pedal is normally within the swivel range of the wheel.



Blickle **"ideal-stop"** wheel and swivel head brake

(product code suffix: -IS)

For transport equipment and heavy-duty castors

The pedal of this "fixed" brake system always remains in the same position instead of pivoting with the swivel castor. The non-positive system prevents the rotation of the swivel head. For certain castor series and sizes, both non-positive and positive locking is used.

The wheel is locked using a non-positive wheel brake mechanism that is designed for maximum stability, safety and a long service life.

The holding pressure can be adjusted for the transport equipment castor series L, LH and LK (from wheel Ø 150 mm).

The pedal for the "ideal-stop" comes with two holes as standard. This makes it possible to connect two swivel castors together or use a lever arm to operate two pedals at the same time.

Castors in the bracket series LK and LH with this locking system have a total height that is 17 mm higher than castors that do not use the "ideal-stop" system. A synthetic adapter plate (product code: AP3-17) is available to compensate for the height difference for castors without the brake system. See "versions / options" on the relevant pages.

Wheel and swivel head brake



Blickle **“central-stop”**central brake system

(product code suffix: -CS...)

For transport equipment castors series LE and LK

This brake system uses non-positive locking to prevent the rotation of the swivel head.
The wheel is locked using a non-positive, stable brake mechanism designed for maximum safety and a long service life.

The distinguishing feature of this brake system is that two or more castors on the transport equipment can be locked at the same time using a lever.
The length of the pedal can be adjusted to ensure that the brake can be released and activated comfortably. A further feature is the small operating angle and the space-saving structure of the cam housing. The cam housing does not rotate with the swivel castor.



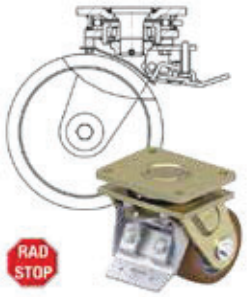
Blickle **“central-stop”**central brake system

(product code suffix: -CS...)

For transport equipment and heavy-duty castors series L and LH

This brake system uses non-positive locking to prevent the rotation of the swivel head. This non-positive swivel head locking is supported by a positive locking system.
The wheel is locked using a non-positive, stable brake mechanism designed for maximum safety and a long service life.The distinguishing feature of this brake system is that two or more castors on the transport equipment can be locked at the same time using a lever.
The length of the pedal can be adjusted to ensure that the brake can be released and activated comfortably. A further feature is the small operating angle and the space-saving structure of the cam housing. The cam housing does not rotate with the swivel castor.

The holding pressure can be adjusted.



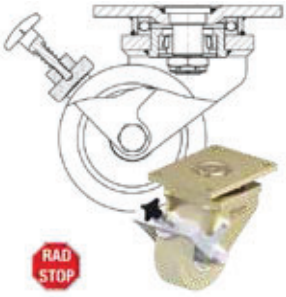
Blickle **“Radstop”** wheel brake

(product code suffix: -RA)

For heavy-duty castors (foot-activated) and light-duty and compact castors

This brake system uses a non-positive wheel brake mechanism that is designed for maximum simplicity, stability, safety and a long service life. The wheel brake is operated with your foot and creates extremely high brake forces to secure even the heaviest loads. The system brakes both wheels in a twin wheel castor system.

The Radstop is used as a front brake system for heavy-duty castors and as a rear brake system for light-duty and compact castors.



Blickle **“Radstop”** wheel brake

(product code suffix: -RAH)

For heavy-duty castors (operated by hand)

This brake system uses a non-positive wheel brake mechanism that is designed for maximum simplicity, stability, safety and a long service life. The wheel brake is operated by hand and creates extremely high brake forces to secure even the heaviest loads. The system brakes both wheels in a twin wheel castor system.



Blickle drum brake

(product code suffix: -TB / -TBL / -TBR)

This brake works by pressing two brake shoes integrated into the wheel against the cast wheel centre, which acts as the brake drum.
The drum brake provides a high level of braking performance even though only a small amount of force is required to activate it. The brake can be operated with a variety of controls, such as a lever arm or cable pull.
The enclosed bracket ensures that the brake shoes are largely protected against corrosion and dirt. This ensures that braking performance remains consistent regardless of moisture and road contamination in the area.

See section 18, page 595.



Blickle dead man's brake

(product code suffix: -TML / -TMR)

A dead man's brake is similar to a drum brake, but uses an integrated spring for braking when the brake is not activated. The brake can be released using a lever arm or cable pull.

Left-handed (product code suffix: -TML) and right-handed (product code suffix: -TMR) versions are available for dead man's brakes. Dead man's brakes are also available for swivel castors. For dead man's brakes without swivel head brake with product code suffix -TM13 and for dead man's brakes with swivel head brake with product code suffix -TTM13.

See section 18, page 594–595.



Blickle truck lock

(product code: FF...)

Truck locks keep transport equipment in a resting position. They are attached directly to the transport equipment. Operating the pedal takes some of the load off the transport equipment without raising it up.

When operated, the truck lock deflects by approximately 10 mm. The maximum surface contact pressure in combination with suitable swivel and fixed castors amounts to approx. 60 kg.
Zinc-plated, blue-passivated, Cr6-free.

See section 18, page 606.

Product code	Total height unactuated (H0) [mm]	Total height actuated (H1) [mm]
FF 100-1	108	138
FF 125-1	142	180
FF 125	142	180
FF 150	170	208
FF 160	175	213
FF 200	217	255



Blickle jack

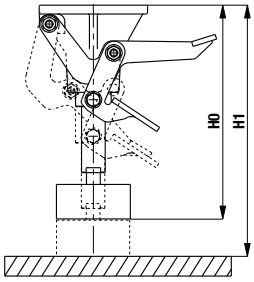
(product code: -WH...)

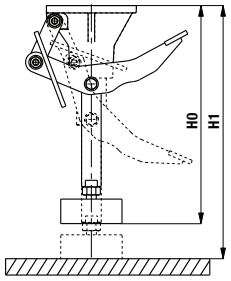
Blickle jacks are used to raise transport equipment up in their resting position. They are attached directly to the transport equipment. Actuating the pedal raises the transport equipment up.

Jacks can be combined with a wide range of castor series. Jacks perform at their best when the total height of the actuated jack (H1) exceeds the total height of the fixed and swivel castors by 5 mm. Depending on the weight of the operator, they can provide a lifting force of between 150 kg and 250 kg. The vertical load on the jack must not exceed 500 kg when raised.

See section 18, page 606.

Product code	Total height unactuated (H0) [mm]	Total height actuated (H1) [mm]
WH 160	166	209
WH 200	207	250
WH 250	257	300





Wheels and castors guide

Versions / options

Directional lock



Blickle directional lock for pressed steel swivel castors

(product code: RI...)

Directional locks fix the swivel motion of a swivel castor in predefined directions. When the directional lock is activated, the swivel castor acts like a fixed castor.

This directional lock is provided as a separate part and is installed together with the swivel castor. It can also be installed later as there is no need to make structural changes to the swivel castor bracket.

This option is available for a wide range of swivel castor series.
Please refer to the “versions / options” section on the relevant pages for more information.



Blickle directional lock for welded steel swivel castors

(product code suffix: -RI4)

Directional locks fix the swivel motion of a swivel castor in predefined directions. When the directional lock is activated, the swivel castor acts like a fixed castor.

This directional lock is an integrated unit welded to the top plate. It can be used for customer-specific fixing positions in addition to the standard 90° position (product code suffix: -RI4, four fixing positions). This version is robust and designed for use with heavy duty castors.

This option is available for a wide range of heavy duty welded steel swivel castors.
Please refer to the “versions / options” section on the relevant pages for more information.



Blickle directional lock for heavy-duty swivel castors

(product code suffix: -RI4H)

Directional locks fix the swivel motion of a swivel castor in predefined directions. When the directional lock is activated, the swivel castor acts like a fixed castor.

This directional lock is a unit integrated with the top plate. This directional lock provides four fixing positions (90°) using a locking bolt. This version is extremely robust and designed for use with heavy-duty castors.

This option is available for a wide range of heavy-duty welded steel swivel castors.
Please refer to the “versions / options” section on the relevant pages for more information.



Blickle directional lock and wheel brake for synthetic swivel castors

(product code suffix: -RIFI)

A combination directional lock and wheel brake is available for swivel castors in the Blickle MOVE series with a wheel diameter of 125 mm. It is operated with a two-part foot lever. The left lever activates the full locking system. The right lever activates the directional lock.

This “rear” brake system initially uses positive locking to prevent the rotation of the swivel head. The swivel head is locked by locking a brake spring in a toothed ball disc. In the second stage, the wheel is locked using a non-positive brake mechanism.

directional locks detail



Wheels and castors guide

Versions / options



Automatic direction reset device

(product code suffix: -RIR2)

Direction reset devices point a swivel castor in a pre-defined direction in an unloaded state. This mechanism reduces issues that affect the handling of transport equipment used in automated facilities and loading and unloading areas.

The RIR2 mechanism is designed for an increased service life.

Special versions are available to provide tailored holding forces and fixings.



Thread guard

(product code suffix: -FA or “KA” or “KF” in the product code)

The thread guard discs are made from zinc-plated, blue-passivated, Cr6-free pressed steel (product code suffix: -FA) or by using plastic injection moulding (“KA” or “KF” in the product code). They prevent threads wrapping around the wheel axle and blocking the wheels.

In the “KA” version, the thread guard encompasses the wheel hub.

In the “KF” version, the thread guard covers both the hub and the central bar of the wheel.

This option is available for a wide range of swivel and fixed castor series.
Please refer to the “versions / options” section on the relevant pages for more information.



Foot guard

(product code suffix: -FS, -FP and -FG)

The foot guard is made from zinc-plated, blue-passivated, Cr6-free pressed steel (product code suffix: -FS). For welded steel castors (LO / LS series), the foot guard is a robust welded structure. For corrosion-resistant stainless steel castors, the foot guard is made of an impact-resistant synthetic material (polyethylene, product code suffix: -FP). The foot guard is bolted or welded onto the bracket and prevents foot injuries. It is normally 15 to 25 mm away from the floor.

A special version can be provided to ensure a different distance from the floor. Spring-loaded, zinc-plated, blue-passivated, Cr6-free versions (product code suffix: -FG) are also available.

This option is available for a wide range of swivel and fixed castor series.
Please refer to the “versions / options” section on the relevant pages for more information.



Buffer

(product code: AW..., AG... and ARG...)

Buffers reduce the risk of damage to walls and vehicles in the event of a collision.
Buffers for round and square tubes are made from polyethylene or a solid rubber, and are available in the colours grey white, silver grey and grey. They are fixed or connected to tubular frames in the external areas of vehicles. See page 148, 169 and 398 for information about options.

Rotating buffers (product code suffix: - AMW(X), -AMG(X)) are also available for Blickle WAVE synthetic castors. They also prevent scraping against walls.
A bolt is used to fit the buffers directly onto the castors.
See options page 169.

spring-loaded foot guard





Hub cap for end wheel
(product code suffix: -E)

Hub caps are made from zinc-plated, blue-passivated, Cr6-free pressed steel.
They protect the outside ball bearing of end wheels against dirt, dust, etc., and cover the axle end and wheel fitting. In end wheels, the ball bearing is slightly recessed on the outside of the hub. This makes it easy to fit the hub cap on the wheel hub. This reduces the clamping length.

This option is available for a wide range of wheel series.
Please refer to the “versions / options” section on the relevant pages for more information.



STARLOCK® cap made from stainless steel
(product code: ST-KA...)

STARLOCK® caps are an easy way to fix light duty wheels on an axle. The wheel is placed on an axle as the end wheel, and the STARLOCK®cap is pressed onto the outer end of the axle. STARLOCK® caps are available for the following axle diameters: 12, 15, 20 and 25 mm.



PTFE coated stainless steel axle tube
(product code: XAT...)

The PTFE coated stainless steel axle tube consists of a stainless steel axle tube and a PTFE coating. When rotating and under load, the PTFE coating expands onto the inside of the plain bore of the wheel. This provides the desired pairing (PTFE / stainless steel) with outstanding sliding characteristics. It also reduces noise emissions.

This option is available for a wide range of heat-resistant wheel series.

Please refer to the “versions / options” section on the relevant pages for more information.

A variety of heat-resistant castors in the PHN and VKHT wheel series are available with a PTFE coated stainless steel axle tube as standard (see section 10).



1

Light-duty wheels and castors



Selection tool

Light-duty wheels and castors







Series	TPA	VPA	POES
Tread / tyre	Thermoplastic rubber-elastomer (TPE)	Solid rubber	Elastic solid rubber “Blickle SoftMotion”
Tread and tyre hardness	85 Shore A	80 Shore A	55 Shore A
Non-marking	✔	✔	✔
Electrical conductivity	optional	optional	–
Wheel centre / rim	polypropylene	nylon	nylon
Wheel Ø	50–125 mm	50–150 mm	100–125 mm
Load capacity up to	125 kg	130 kg	150 kg
Rolling resistance	■■■■□	■■■□□	■■■■□
Smooth operation and floor preservation	■■■□□	■■■■□	■■■■■
Non-staining	tread contains oil; alternative: VPA, POES, PATH	✔	✔
For a description of the wheel, refer to	page 122	page 127	page 133
For information about swivel and fixed castors, refer to	page 123–126	page 128–132	page 134–135

■■■■■ excellent ■■■■ very good ■■■ good ■■ satisfactory ■ adequate ✔ yes – no







PATH	VSTH	POA
Thermoplastic polyurethane (TPU)	Polyurethane-elastomer Blickle Extrathane®	Nylon
94 Shore A	92 Shore A	70 Shore D
✔	✔	✔
optional	–	–
nylon	steel	nylon
50–125 mm	35–50 mm	35–150 mm
250 kg	150 kg	280 kg
■■■■□	■■■■□	■■■■■
■■■□□	■■■□□	■■□□□
✔	✔	✔
page 136	page 286	page 143
page 137–140	page 141–142	page 144–147

TPA series

Wheels with thermoplastic rubber tread, with polypropylene wheel centre



50–125 kg

Tread and tyre hardness
85 Shore A

Smooth operation / floor preservation
good

Rolling resistance
very good

Wear resistance
satisfactory

1

Tread:
- high-quality thermoplastic rubber-elastomer (TPE), hardness 85 Shore A
- low rolling and swivel resistance
- colour grey, non-marking
- chemically-bonded inseparable connection with the wheel centre

Wheel centre:
- high-quality polypropylene, impact resistant
- colour silver grey ("-ELS" version colour black)

Other features:
- KF version: with synthetic thread guard, large
- very high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +60 °C, reduced load capacity over +30 °C
- tread contains oil, may stain sensitive surfaces. alternatives: Series VPA, POES, PATH

Additional details:
- wheel series: page 60
- tread: page 52
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
TPA 50/8G	50	19	50	plain bore	8	22
TPA 50/6KF	50	19	50	ball bearing (C)	6	23
TPA 75/8G	75	25	75	plain bore	8	29.5
TPA 75/6KF	75	25	75	ball bearing (C)	6	31
TPA 80/12G	80	32	100	plain bore	12	35
TPA 80/8KF	80	32	100	ball bearing (C)	8	36
TPA 100/8G	100	25	90	plain bore	8	29.5
TPA 101/12G	100	32	110	plain bore	12	35
TPA 101/8KF	100	32	110	ball bearing (C)	8	36
TPA 126/12G	125	32	125	plain bore	12	35
TPA 126/8KF	125	32	125	ball bearing (C)	8	36

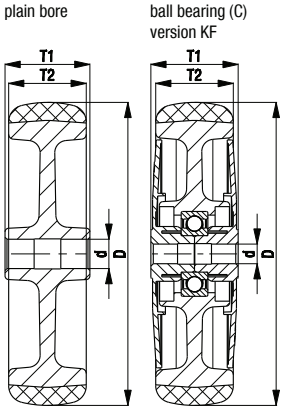
For other dimensions, see page 186

Versions / options



	plain bore version	electrically conductive version, non-marking grey	large thread guard with additional ball bearing seals
Technical description page		50	85
Product code suffix		**-ELS**	**-KFD**
Available for		all*	all ball bearing versions

* Wheel load capacity of electrically conductive version reduced by 35%



LRA-TPA, BRA-TPA, LKRA-TPA, BKRA-TPA series

Light duty castors with bolt hole, wheel with thermoplastic rubber tread

50–120 kg



Bracket: LRA/BRA, LKRA/BKRA series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process
- synthetic "stop-fix" brake lever for series LRA, steel brake lever for series LKRA

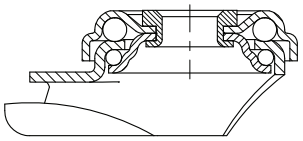
Wheel: TPA series
- tread: high-quality thermoplastic rubber-elastomer (TPE), hardness 85 Shore A, colour grey, non-marking, oil containing
- wheel centre: high-quality polypropylene, impact resistant, colour silver grey ("-ELS" version colour black)

Additional details:
- bracket series: page 86
- brakes: page 112–113
- wheel series: page 122
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LRA-TPA 50G	**BRA-TPA 50G**	**LRA-TPA 50G-FI ***	50	19	50	plain bore	69	43	11	23
LRA-TPA 50KF	**BRA-TPA 50KF**	**LRA-TPA 50KF-FI ***	50	19	50	ball bearing (C)	69	43	11	23
LRA-TPA 75G	**BRA-TPA 75G**	**LRA-TPA 75G-FI ***	75	25	75	plain bore	98	43	11	29
LRA-TPA 75KF	**BRA-TPA 75KF**	**LRA-TPA 75KF-FI ***	75	25	75	ball bearing (C)	98	43	11	29
LKRA-TPA 80G	**BKRA-TPA 80G**	**LKRA-TPA 80G-FI**	80	32	100	plain bore	108	57	13	40
LKRA-TPA 80G-11		**LKRA-TPA 80G-11-FI**	80	32	100	plain bore	108	57	11	40
LKRA-TPA 80KF	**BKRA-TPA 80KF**	**LKRA-TPA 80KF-FI**	80	32	100	ball bearing (C)	108	57	13	40
LKRA-TPA 80KF-11		**LKRA-TPA 80KF-11-FI**	80	32	100	ball bearing (C)	108	57	11	40
LRA-TPA 100G		**LRA-TPA 100G-FI ***	100	25	70	plain bore	121	43	11	33
LKRA-TPA 101G	**BKRA-TPA 101G**	**LKRA-TPA 101G-FI**	100	32	110	plain bore	133	57	13	40
LKRA-TPA 101G-11		**LKRA-TPA 101G-11-FI**	100	32	110	plain bore	133	57	11	40
LKRA-TPA 101KF	**BKRA-TPA 101KF**	**LKRA-TPA 101KF-FI**	100	32	110	ball bearing (C)	133	57	13	40
LKRA-TPA 101KF-11		**LKRA-TPA 101KF-11-FI**	100	32	110	ball bearing (C)	133	57	11	40
LKRA-TPA 126G	**BKRA-TPA 126G**	**LKRA-TPA 126G-FI**	125	32	120	plain bore	158	57	13	40
LKRA-TPA 126G-11		**LKRA-TPA 126G-11-FI**	125	32	120	plain bore	158	57	11	40
LKRA-TPA 126KF	**BKRA-TPA 126KF**	**LKRA-TPA 126KF-FI**	125	32	120	ball bearing (C)	158	57	13	40
LKRA-TPA 126KF-11		**LKRA-TPA 126KF-11-FI**	125	32	120	ball bearing (C)	158	57	11	40

* Synthetic brake lever, see image below

For stainless steel versions, see page 390

Versions / options**



	plain bore version	with synthetic brake lever	electrically conductive version, non-marking grey	with threaded pin M10 x 30 M12 x 30	with plug-in pin Ø 11 x 30.5	with synthetic expander fitting	with metal expander fitting
Technical description page			50	104	105	105	105
Product code suffix			**-ELS**	**-GS10 / -GS12**	**-ES**	**see page 148**	**see page 148**
Available for		series LRA...-FI as standard	all***	-GS10: series LRA -GS12: series LKRA	series LRA swivel castors****	swivel castors with bolt hole Ø 11 mm (except ELS)	swivel castors with bolt hole Ø 11 mm

** **Other versions / options:** buffers **AG / ARG series** see page 148 (page 116 for technical information)
*** Wheel load capacity of electrically conductive version reduced by 35%
**** Synthetic castor socket for round tubes see page 148

LPA-TPA, BPA-TPA, LKPA-TPA, BKPA-TPA series

Light duty castors with top plate, wheel with thermoplastic rubber tread



50–120 kg

Bracket: LPA/BPA, LKPA/BKPA series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process
- synthetic "stop-fix" brake lever for series LPA, steel brake lever for series LKPA

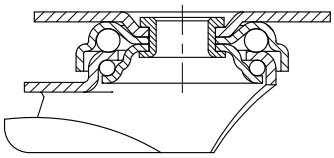
Wheel: TPA series
- tread: high-quality thermoplastic rubber-elastomer (TPE), hardness 85 Shore A, colour grey, non-marking, oil containing
- wheel centre: high-quality polypropylene, impact resistant, colour silver grey ("-ELS" version colour black)

Additional details:
- bracket series: page 86
- brakes: page 112–113
- wheel series: page 122
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LPA-TPA 50G	**BPA-TPA 50G**	**LPA-TPA 50G-FI ***	50	19	50	plain bore	71	60 x 60	38 x 38 / 48 x 48	6.2	23
LPA-TPA 50KF	**BPA-TPA 50KF**	**LPA-TPA 50KF-FI ***	50	19	50	ball bearing (C)	71	60 x 60	38 x 38 / 48 x 48	6.2	23
LPA-TPA 75G	**BPA-TPA 75G**	**LPA-TPA 75G-FI ***	75	25	75	plain bore	100	60 x 60	38 x 38 / 48 x 48	6.2	29
LPA-TPA 75KF	**BPA-TPA 75KF**	**LPA-TPA 75KF-FI ***	75	25	75	ball bearing (C)	100	60 x 60	38 x 38 / 48 x 48	6.2	29
LKPA-TPA 80G	**BKPA-TPA 80G**	**LKPA-TPA 80G-FI**	80	32	100	plain bore	111	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPA-TPA 80KF	**BKPA-TPA 80KF**	**LKPA-TPA 80KF-FI**	80	32	100	ball bearing (C)	111	90 x 66	75 x 45 / 61 x 51	8.5	40
LPA-TPA 100G		**LPA-TPA 100G-FI ***	100	25	70	plain bore	123	60 x 60	38 x 38 / 48 x 48	6.2	33
LKPA-TPA 101G	**BKPA-TPA 101G**	**LKPA-TPA 101G-FI**	100	32	110	plain bore	136	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPA-TPA 101KF	**BKPA-TPA 101KF**	**LKPA-TPA 101KF-FI**	100	32	110	ball bearing (C)	136	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPA-TPA 126G	**BKPA-TPA 126G**	**LKPA-TPA 126G-FI**	125	32	120	plain bore	161	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPA-TPA 126KF	**BKPA-TPA 126KF**	**LKPA-TPA 126KF-FI**	125	32	120	ball bearing (C)	161	90 x 66	75 x 45 / 61 x 51	8.5	40

* Synthetic brake lever, see image below

For stainless steel versions, see page 391

Versions / options



	plain bore version	with synthetic brake lever	electrically conductive version, non-marking grey
Technical description page			50
Product code suffix			**-ELS**
Available for		series LPA...-FI as standard	all**

** Wheel load capacity of electrically conductive version reduced by 35%

LMDA-TPA series

Twin wheel light duty castors with bolt hole, wheels with thermoplastic rubber tread

80–100 kg



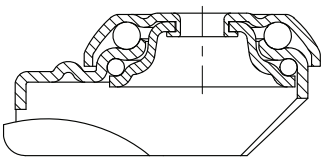
Bracket: LMDA series
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- pressed swivel head

Wheel: TPA series
- tread: high-quality thermoplastic rubber-elastomer (TPE), hardness 85 Shore A, colour grey, non-marking, oil containing
- wheel centre: high-quality polypropylene, impact resistant, colour silver grey ("-ELS" version colour black)

Additional details:
- bracket series: page 86
- brakes: page 112–113
- wheel series: page 122
- bearing types: page 84–85







Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LMDA-TPA 50G	**LMDA-TPA 50G-FI**	50	2 x 19	80	plain bore	71	41	10.2	31
LMDA-TPA 50KF	**LMDA-TPA 50KF-FI**	50	2 x 19	80	ball bearing (C)	71	41	10.2	31
LMDA-TPA 75G	**LMDA-TPA 75G-FI**	75	2 x 25	100	plain bore	98	55	10.2	34
LMDA-TPA 75KF	**LMDA-TPA 75KF-FI**	75	2 x 25	100	ball bearing (C)	98	55	10.2	34

Versions / options





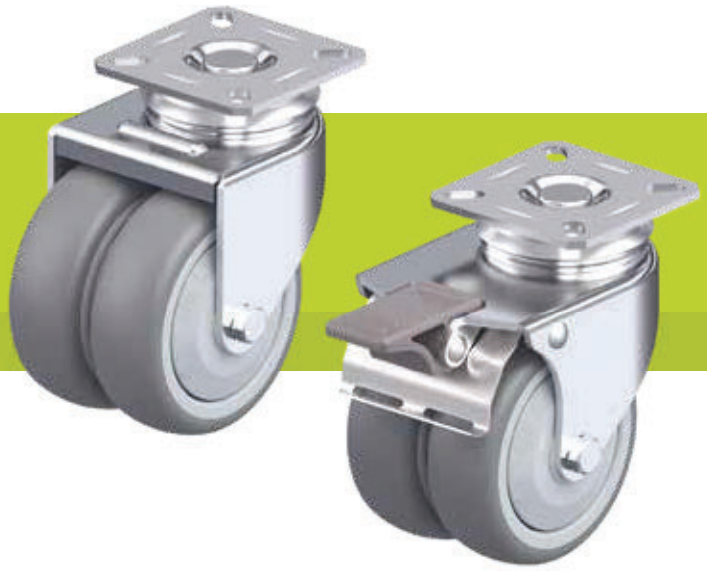
	plain bore version	electrically conductive version, non-marking grey
Technical description page		50
Product code suffix		**-ELS**
Available for		all*

* Wheel load capacity of electrically conductive version reduced by 35%

LDA-TPA series

Twin wheel light duty castors with top plate, wheels with thermoplastic rubber tread

80–100 kg

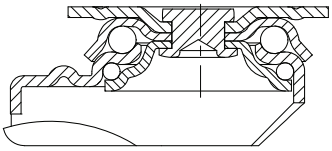


Bracket: LDA series
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- pressed swivel head

Wheel: TPA series
- tread: high-quality thermoplastic rubber-elastomer (TPE), hardness 85 Shore A, colour grey, non-marking, oil containing
- wheel centre: high-quality polypropylene, impact resistant, colour silver grey ("-ELS" version colour black)

Additional details:
- bracket series: page 86
- brakes: page 112–113
- wheel series: page 122
- bearing types: page 84–85





Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LDA-TPA 50G	**LDA-TPA 50G-FI**	50	2 x 19	80	plain bore	71	60 x 60	38 x 38 / 48 x 48	6.2	31
LDA-TPA 50KF	**LDA-TPA 50KF-FI**	50	2 x 19	80	ball bearing (C)	71	60 x 60	38 x 38 / 48 x 48	6.2	31
LDA-TPA 75G	**LDA-TPA 75G-FI**	75	2 x 25	100	plain bore	101	60 x 60	40 x 40 / 46 x 46	6.2	34
LDA-TPA 75KF	**LDA-TPA 75KF-FI**	75	2 x 25	100	ball bearing (C)	101	60 x 60	40 x 40 / 46 x 46	6.2	34

Versions / options



	plain bore version	electrically conductive version, non-marking grey
Technical description page		50
Product code suffix		**-ELS**
Available for		all*

* Wheel load capacity of electrically conductive version reduced by 35%

VPA series

Wheels with solid rubber tyre, with synthetic rim



40–130 kg

Tread and tyre hardness
80 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
good

Wear resistance
sufficient

Tyre:
- high-quality solid rubber, hardness 80 Shore A
- very good operational comfort
- very good floor preservation, low-noise operation
- colour grey, non-marking, non-staining (electrically conductive version "-EL" colour black, marking)

Rim:
- high-quality nylon 6 or polypropylene in the version "-EL", impact resistant
- colour black

Other features:
- high chemical resistance to many aggressive substances, except oils
- operating temperature: -20 °C to +60 °C, reduced load capacity over +30 °C

Additional details:
- wheel series: page 60
- tread: page 52
- bearing types: page 84–85
- chemical resistance: page 51

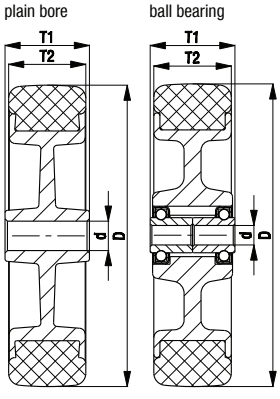
Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VPA 50/6G	50	18	40	plain bore	6	22
VPA 50/8G	50	18	40	plain bore	8	22
VPA 50/6K	50	18	40	ball bearing	6	22.5
VPA 75/8G	75	25	60	plain bore	8	29.5
VPA 75/6K	75	25	60	ball bearing	6	30
VPA 80/12G	80	25	80	plain bore	12	35
VPA 80/8K	80	25	80	ball bearing	8	35
VPA 100/8G	100	25	90	plain bore	8	29.5
VPA 100/12G	100	25	90	plain bore	12	29.5
VPA 100/6K	100	25	90	ball bearing	6	30
VPA 101/12G	100	32	110	plain bore	12	35
VPA 101/8K	100	32	110	ball bearing	8	35
VPA 125/12G	125	25	100	plain bore	12	35
VPA 125/8K	125	25	100	ball bearing	8	35
VPA 126/12G	125	32	125	plain bore	12	35
VPA 126/8K	125	32	125	ball bearing	8	35
VPA 150/12G	150	30	130	plain bore	12	35
VPA 150/8K	150	30	130	ball bearing	8	35

Versions / options



	plain bore version	electrically conductive version, black tyre
Technical description page		50
Product code suffix		**-EL**
Available for		all ball bearing versions*

* Wheel load capacity of electrically conductive version reduced by 25%



LRA, BRA, LKRA, BKRA-VPA series (wheel Ø 50–100 mm)

Light duty castors with bolt hole, wheel with solid rubber tyres



40–110 kg

Bracket: LRA/BRA, LKRA/BKRA series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process
- synthetic "stop-fix" brake lever for series LRA, steel brake lever for series LKRA

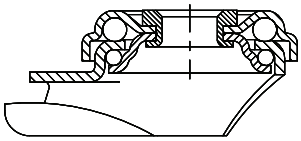
Wheel: VPA series
- tyre: high-quality solid rubber, hardness 80 Shore A, colour grey, non-marking, non-staining
- rim: high-quality nylon 6 or polypropylene in the electrically conductive version "-EL", impact resistant, colour black

Additional details:
- bracket series: page 86
- brakes: page 112–113
- wheel series: page 127
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LRA-VPA 50G	**BRA-VPA 50G**	**LRA-VPA 50G-FI ***	50	18	40	plain bore	69	43	11	23
LRA-VPA 50K	**BRA-VPA 50K**	**LRA-VPA 50K-FI ***	50	18	40	ball bearing	69	43	11	23
LRA-VPA 75G	**BRA-VPA 75G**	**LRA-VPA 75G-FI ***	75	25	60	plain bore	98	43	11	29
LRA-VPA 75K	**BRA-VPA 75K**	**LRA-VPA 75K-FI ***	75	25	60	ball bearing	98	43	11	29
LKRA-VPA 80G	**BKRA-VPA 80G**	**LKRA-VPA 80G-FI**	80	25	80	plain bore	108	57	13	40
LKRA-VPA 80G-11		**LKRA-VPA 80G-11-FI**	80	25	80	plain bore	108	57	11	40
LKRA-VPA 80K	**BKRA-VPA 80K**	**LKRA-VPA 80K-FI**	80	25	80	ball bearing	108	57	13	40
LKRA-VPA 80K-11		**LKRA-VPA 80K-11-FI**	80	25	80	ball bearing	108	57	11	40
LRA-VPA 100G		**LRA-VPA 100G-FI ***	100	25	70	plain bore	121	43	11	33
LRA-VPA 100K		**LRA-VPA 100K-FI ***	100	25	70	ball bearing	121	43	11	33
LKRA-VPA 101G	**BKRA-VPA 101G**	**LKRA-VPA 101G-FI**	100	32	110	plain bore	133	57	13	40
LKRA-VPA 101G-11		**LKRA-VPA 101G-11-FI**	100	32	110	plain bore	133	57	11	40
LKRA-VPA 101K	**BKRA-VPA 101K**	**LKRA-VPA 101K-FI**	100	32	110	ball bearing	133	57	13	40
LKRA-VPA 101K-11		**LKRA-VPA 101K-11-FI**	100	32	110	ball bearing	133	57	11	40

* Synthetic brake lever, see image below

For other wheel Ø, see next page, **For stainless steel versions, see page 392**

Versions / options**



	with synthetic brake lever	electrically conductive version, black tyre	with threaded pin M10 x 30 M12 x 30	with plug-in pin Ø 11 x 30.5	with synthetic expander fitting	with metal expander fitting
Technical description page		50	104	105	105	105
Product code suffix		**-EL**	**-GS10 / -GS12**	**-ES**	**see page 148**	**see page 148**
Available for	series LRA...-FI as standard	all ball bearing versions***	-GS10: series LRA -GS12: series LKRA	series LRA swivel castors****	swivel castors with bolt hole Ø 11 mm (except EL)	swivel castors with bolt hole Ø 11 mm

** **Other versions / options: 1.** buffers **AG / ARG series** see page 148 (page 116 for technical information) **2.** pressed steel thread guard, zinc-plated (**-FA**), available for all with exception of ...50K (page 116 for technical information)
*** Wheel load capacity of electrically conductive version reduced by 25%
**** Synthetic castor socket for round tubes see page 148

LKRA-VPA, BKRA-VPA series (wheel Ø 125–150 mm)

Light duty castors with bolt hole, wheel with solid rubber tyres



100–120 kg

Bracket: LKRA/BKRA series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

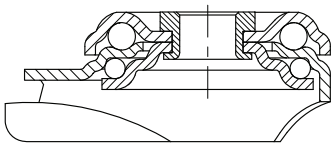
Wheel: VPA series
- tyre: high-quality solid rubber, hardness 80 Shore A, colour grey, non-marking, non-staining
- rim: high-quality nylon 6 or polypropylene in the electrically conductive version "-EL", impact resistant, colour black

Additional details:
- bracket series: page 86
- brakes: page 112–113
- wheel series: page 127
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LKRA-VPA 125G	**BKRA-VPA 125G**	**LKRA-VPA 125G-FI**	125	25	100	plain bore	158	57	13	40
LKRA-VPA 125G-11		**LKRA-VPA 125G-11-FI**	125	25	100	plain bore	158	57	11	40
LKRA-VPA 125K	**BKRA-VPA 125K**	**LKRA-VPA 125K-FI**	125	25	100	ball bearing	158	57	13	40
LKRA-VPA 125K-11		**LKRA-VPA 125K-11-FI**	125	25	100	ball bearing	158	57	11	40
LKRA-VPA 126G	**BKRA-VPA 126G**	**LKRA-VPA 126G-FI**	125	32	120	plain bore	158	57	13	40
LKRA-VPA 126G-11		**LKRA-VPA 126G-11-FI**	125	32	120	plain bore	158	57	11	40
LKRA-VPA 126K	**BKRA-VPA 126K**	**LKRA-VPA 126K-FI**	125	32	120	ball bearing	158	57	13	40
LKRA-VPA 126K-11		**LKRA-VPA 126K-11-FI**	125	32	120	ball bearing	158	57	11	40
LKRA-VPA 150G	**BKRA-VPA 150G**	**LKRA-VPA 150G-FI**	150	30	110	plain bore	182	57	13	40
LKRA-VPA 150G-11		**LKRA-VPA 150G-11-FI**	150	30	110	plain bore	182	57	11	40
LKRA-VPA 150K	**BKRA-VPA 150K**	**LKRA-VPA 150K-FI**	150	30	110	ball bearing	182	57	13	40
LKRA-VPA 150K-11		**LKRA-VPA 150K-11-FI**	150	30	110	ball bearing	182	57	11	40

For stainless steel versions, see page 392

Versions / options













	electrically conductive version, black tyre	with thread guard, pressed steel, zinc-plated	with threaded pin M12 x 30	with synthetic expander fitting	with metal expander fitting	buffers
Technical description page	50	116	104	105	105	116
Product code suffix	**-EL**	**-FA**	**-GS12**	**see page 148**	**see page 148**	**AG / ARG series**
Available for	all ball bearing versions*	all	swivel castors with bolt hole Ø 13 mm	swivel castors with bolt hole Ø 11 mm (except EL)	swivel castors with bolt hole Ø 11 mm	see page 148

* Wheel load capacity of electrically conductive version reduced by 25%

LPA-VPA, BPA-VPA, LKPA-VPA, BKPA-VPA series

Light duty castors with top plate, wheel with solid rubber tyres

40–120 kg



Bracket: LPA/BPA, LKPA/BKPA series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process
- synthetic "stop-fix" brake lever for series LPA, steel brake lever for series LKPA

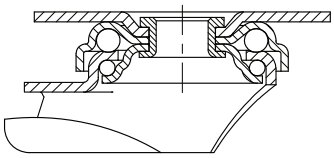
Wheel: VPA series
- tyre: high-quality solid rubber, hardness 80 Shore A, colour grey, non-marking, non-staining
- rim: high-quality nylon 6 or polypropylene in the electrically conductive version "-EL", impact resistant, colour black

Additional details:
- bracket series: page 86
- brakes: page 112–113
- wheel series: page 127
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LPA-VPA 50G	**BPA-VPA 50G**	**LPA-VPA 50G-FI ***	50	18	40	plain bore	71	60 x 60	38 x 38 / 48 x 48	6.2	23
LPA-VPA 50K	**BPA-VPA 50K**	**LPA-VPA 50K-FI ***	50	18	40	ball bearing	71	60 x 60	38 x 38 / 48 x 48	6.2	23
LPA-VPA 75G	**BPA-VPA 75G**	**LPA-VPA 75G-FI ***	75	25	60	plain bore	100	60 x 60	38 x 38 / 48 x 48	6.2	29
LPA-VPA 75K	**BPA-VPA 75K**	**LPA-VPA 75K-FI ***	75	25	60	ball bearing	100	60 x 60	38 x 38 / 48 x 48	6.2	29
LKPA-VPA 80G	**BKPA-VPA 80G**	**LKPA-VPA 80G-FI**	80	25	80	plain bore	111	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPA-VPA 80K	**BKPA-VPA 80K**	**LKPA-VPA 80K-FI**	80	25	80	ball bearing	111	90 x 66	75 x 45 / 61 x 51	8.5	40
LPA-VPA 100G		**LPA-VPA 100G-FI ***	100	25	70	plain bore	123	60 x 60	38 x 38 / 48 x 48	6.2	33
LPA-VPA 100K		**LPA-VPA 100K-FI ***	100	25	70	ball bearing	123	60 x 60	38 x 38 / 48 x 48	6.2	33
LKPA-VPA 101G	**BKPA-VPA 101G**	**LKPA-VPA 101G-FI**	100	32	110	plain bore	136	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPA-VPA 101K	**BKPA-VPA 101K**	**LKPA-VPA 101K-FI**	100	32	110	ball bearing	136	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPA-VPA 125G	**BKPA-VPA 125G**	**LKPA-VPA 125G-FI**	125	25	100	plain bore	161	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPA-VPA 125K	**BKPA-VPA 125K**	**LKPA-VPA 125K-FI**	125	25	100	ball bearing	161	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPA-VPA 126G	**BKPA-VPA 126G**	**LKPA-VPA 126G-FI**	125	32	120	plain bore	161	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPA-VPA 126K	**BKPA-VPA 126K**	**LKPA-VPA 126K-FI**	125	32	120	ball bearing	161	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPA-VPA 150G	**BKPA-VPA 150G**	**LKPA-VPA 150G-FI**	150	30	110	plain bore	185	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPA-VPA 150K	**BKPA-VPA 150K**	**LKPA-VPA 150K-FI**	150	30	110	ball bearing	185	90 x 66	75 x 45 / 61 x 51	8.5	40

* Synthetic brake lever, see image below

For stainless steel versions, see page 393

Versions / options







	with synthetic brake lever	electrically conductive version, black tyre	with thread guard, pressed steel, zinc-plated
Technical description page		50	116
Product code suffix		**-EL**	**-FA**
Available for	series LPA...-FI as standard	all ball bearing versions**	all with exception of ...50K

** Wheel load capacity of electrically conductive version reduced by 25%

LMDA-VPA series

Twin wheel light duty castors with bolt hole, wheels with solid rubber tyres



80–100 kg

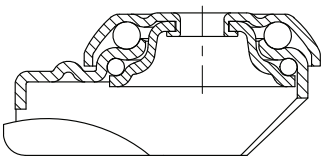
Bracket: LMDA series
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- pressed swivel head

Wheel: VPA series
- tyre: high-quality solid rubber, hardness 80 Shore A, colour grey, non-marking, non-staining
- rim: high-quality nylon 6 or polypropylene in the electrically conductive version "-EL", impact resistant, colour black

Additional details:
- bracket series: page 86
- brakes: page 112–113
- wheel series: page 127
- bearing types: page 84–85







Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LMDA-VPA 50G	**LMDA-VPA 50G-FI**	50	2 x 18	80	plain bore	71	41	10.2	31
LMDA-VPA 50K	**LMDA-VPA 50K-FI**	50	2 x 18	80	ball bearing	71	41	10.2	31
LMDA-VPA 75G	**LMDA-VPA 75G-FI**	75	2 x 25	100	plain bore	98	55	10.2	34
LMDA-VPA 75K	**LMDA-VPA 75K-FI**	75	2 x 25	100	ball bearing	98	55	10.2	34

Versions / options



	electrically conductive version, black tyre
Technical description page	50
Product code suffix	**-EL**
Available for	all ball bearing versions*

* Wheel load capacity of electrically conductive version reduced by 25%

LDA-VPA series

Twin wheel light duty castors with top plate, wheels with solid rubber tyres

80–100 kg



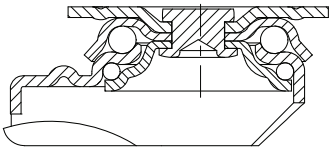
Bracket: LDA series
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- pressed swivel head

Wheel: VPA series
- tyre: high-quality solid rubber, hardness 80 Shore A, colour grey, non-marking, non-staining
- rim: high-quality nylon 6 or polypropylene in the electrically conductive version "-EL", impact resistant, colour black

Additional details:
- bracket series: page 86
- brakes: page 112–113
- wheel series: page 127
- bearing types: page 84–85







Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LDA-VPA 50G	**LDA-VPA 50G-FI**	50	2 x 18	80	plain bore	71	60 x 60	38 x 38 / 48 x 48	6.2	31
LDA-VPA 50K	**LDA-VPA 50K-FI**	50	2 x 18	80	ball bearing	71	60 x 60	38 x 38 / 48 x 48	6.2	31
LDA-VPA 75G	**LDA-VPA 75G-FI**	75	2 x 25	100	plain bore	101	60 x 60	40 x 40 / 46 x 46	6.2	34
LDA-VPA 75K	**LDA-VPA 75K-FI**	75	2 x 25	100	ball bearing	101	60 x 60	40 x 40 / 46 x 46	6.2	34

Versions / options



	electrically conductive version, black tyre
Technical description page	50
Product code suffix	**-EL**
Available for	all ball bearing versions*

* Wheel load capacity of electrically conductive version reduced by 25%

POES series

Wheels with “Blickle SoftMotion” soft rubber tyres, with nylon wheel centre



120–150 kg

Tread and tyre hardness
55 Shore A

Smooth operation / floor preservation
excellent

Rolling resistance
very good

Wear resistance
good

Blickle SoftMotion

Tyre:
- high-quality elastic solid rubber “Blickle SoftMotion”, hardness 55 Shore A
- maximum operational comfort
- excellent floor preservation, particularly quiet operation
- low rolling resistance
- colour grey, non-marking
- vulcanised onto the wheel centre

Wheel centre:
- high-quality nylon 6, impact resistant
- colour black

Other features:
- KF version: with synthetic thread guard, large
- high chemical resistance to many aggressive substances, except oils
- operating temperature: -20 °C to +80 °C, temporarily up to +100 °C, reduced load capacity over +35 °C

Additional details:
- wheel series: page 60
- tread: page 53
- bearing types: page 84–85
- chemical resistance: page 51

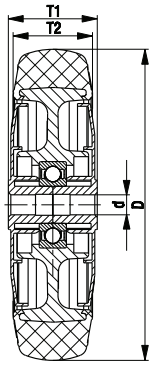
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
POES 102/8KF-SG	100	32	120	ball bearing (C)	8	36
POES 127/8KF-SG	125	32	150	ball bearing (C)	8	36

For other dimensions, see page 209

Versions / options



	large thread guard with additional ball bearing seals	with stainless steel ball bearing and thread guard
Technical description page	85	85
Product code suffix	**-KFD**	**-XKF**
Available for	upon request	all



LKRA-POES, BKRA-POES series

Light duty castors with bolt hole, wheel with soft rubber tyres “Blickle SoftMotion”



120 kg

Bracket: LKRA/BKRA series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process
- steel “stop-fix” brake lever

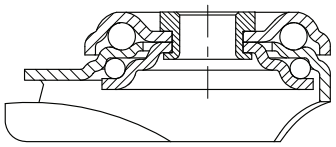
Wheel: POES series
- tyre: high-quality elastic solid rubber “Blickle SoftMotion”, hardness 55 Shore A, colour grey, non-marking
- wheel centre: high-quality nylon 6, impact resistant, colour black

Additional details:
- bracket series: page 86
- brakes: page 112–113
- wheel series: page 133
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LKRA-POES 102KF-SG	**BKRA-POES 102KF-SG**	**LKRA-POES 102KF-FI-SG**	100	32	120	ball bearing (C)	133	57	13	40
LKRA-POES 102KF-11-SG		**LKRA-POES 102KF-11-FI-SG**	100	32	120	ball bearing (C)	133	57	11	40
LKRA-POES 127KF-SG	**BKRA-POES 127KF-SG**	**LKRA-POES 127KF-FI-SG**	125	32	120	ball bearing (C)	158	57	13	40
LKRA-POES 127KF-11-SG		**LKRA-POES 127KF-11-FI-SG**	125	32	120	ball bearing (C)	158	57	11	40

Versions / options







	with threaded pin M12 x 30	with synthetic expander fitting	with metal expander fitting
Technical description page	104	105	105
Product code suffix	**-GS12**	**see page 148**	**see page 148**
Available for	swivel castors with bolt hole Ø 13 mm	swivel castors with bolt hole Ø 11 mm	swivel castors with bolt hole Ø 11 mm

LKPA-POES, BKPA-POES series

Light duty castors with top plate, wheel with soft rubber tyres “Blickle SoftMotion”

120 kg



Bracket: LKPA/BKPA series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process
- steel “stop-fix” brake lever

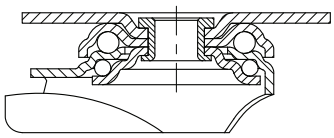
Wheel: POES series
- tyre: high-quality elastic solid rubber “Blickle SoftMotion”, hardness 55 Shore A, colour grey, non-marking
- wheel centre: high-quality nylon 6, impact resistant, colour black

Additional details:
- bracket series: page 86
- brakes: page 112–113
- wheel series: page 133
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LKPA-POES 102KF-SG	**BKPA-POES 102KF-SG**	**LKPA-POES 102KF-FI-SG**	100	32	120	ball bearing (C)	136	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPA-POES 127KF-SG	**BKPA-POES 127KF-SG**	**LKPA-POES 127KF-FI-SG**	125	32	120	ball bearing (C)	161	90 x 66	75 x 45 / 61 x 51	8.5	40

PATH series

Wheels with thermoplastic polyurethane tread, with nylon wheel centre



75–250 kg

Tread and tyre hardness
94 Shore A

Smooth operation / floor preservation
good

Rolling resistance
very good

Wear resistance
very good

1

Tread:
- high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A
- low rolling and swivel resistance
- high abrasion resistance
- colour dark grey, non-marking, non-staining
- chemically-bonded inseparable connection with the wheel centre

Wheel centre:
- high-quality nylon 6, impact resistant
- colour silver grey

Other features:
- KF version: with synthetic thread guard, large
- very high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +35 °C

Additional details:
- wheel series: page 61
- tread: page 55
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
PATH 50/8G	50	19	75	plain bore	8	22
PATH 50/6KF	50	19	75	ball bearing (C)	6	23
PATH 75/8G	75	25	100	plain bore	8	29.5
PATH 75/6KF	75	25	100	ball bearing (C)	6	31
PATH 80/12G	80	32	150	plain bore	12	35
PATH 80/8KF	80	32	150	ball bearing (C)	8	36
PATH 101/12G	100	32	200	plain bore	12	35
PATH 101/8KF	100	32	200	ball bearing (C)	8	36
PATH 126/12G	125	32	250	plain bore	12	35
PATH 126/8KF	125	32	250	ball bearing (C)	8	36

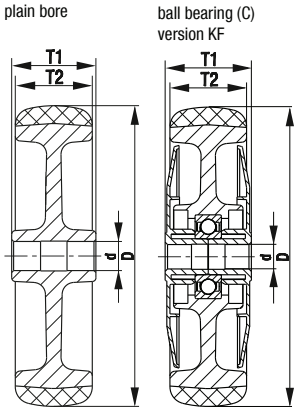
For other dimensions, see page 258

Versions / options



	plain bore version	electrically conductive version, non-marking grey	large thread guard with additional ball bearing seals
Technical description page		50	85
Product code suffix		**-ELS**	**-KFD**
Available for		all ball bearing versions*	ball bearing versions

* Wheel load capacity of electrically conductive version reduced by 35%



LRA-PATH, BRA-PATH, LKRA-PATH, BKRA-PATH series

Light duty castors with bolt hole, wheel with thermoplastic polyurethane tread

75–120 kg



Bracket: LRA/BRA, LKRA/BKRA series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process
- synthetic "stop-fix" brake lever for series LRA, steel brake lever for series LKRA

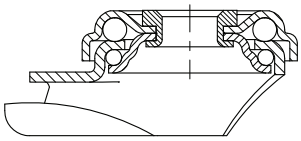
Wheel: PATH series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A, colour dark grey, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour silver grey

Additional details:
- bracket series: page 86
- brakes: page 112–113
- wheel series: page 136
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LRA-PATH 50G	**BRA-PATH 50G**	**LRA-PATH 50G-FI ***	50	19	75	plain bore	69	43	11	23
LRA-PATH 50KF	**BRA-PATH 50KF**	**LRA-PATH 50KF-FI ***	50	19	75	ball bearing (C)	69	43	11	23
LRA-PATH 75G	**BRA-PATH 75G**	**LRA-PATH 75G-FI ***	75	25	75	plain bore	98	43	11	29
LRA-PATH 75KF	**BRA-PATH 75KF**	**LRA-PATH 75KF-FI ***	75	25	75	ball bearing (C)	98	43	11	29
LKRA-PATH 80G	**BKRA-PATH 80G**	**LKRA-PATH 80G-FI**	80	32	120	plain bore	108	57	13	40
LKRA-PATH 80G-11		**LKRA-PATH 80G-11-FI**	80	32	120	plain bore	108	57	11	40
LKRA-PATH 80KF	**BKRA-PATH 80KF**	**LKRA-PATH 80KF-FI**	80	32	120	ball bearing (C)	108	57	13	40
LKRA-PATH 80KF-11		**LKRA-PATH 80KF-11-FI**	80	32	120	ball bearing (C)	108	57	11	40
LKRA-PATH 101G	**BKRA-PATH 101G**	**LKRA-PATH 101G-FI**	100	32	120	plain bore	133	57	13	40
LKRA-PATH 101G-11		**LKRA-PATH 101G-11-FI**	100	32	120	plain bore	133	57	11	40
LKRA-PATH 101KF	**BKRA-PATH 101KF**	**LKRA-PATH 101KF-FI**	100	32	120	ball bearing (C)	133	57	13	40
LKRA-PATH 101KF-11		**LKRA-PATH 101KF-11-FI**	100	32	120	ball bearing (C)	133	57	11	40
LKRA-PATH 126G	**BKRA-PATH 126G**	**LKRA-PATH 126G-FI**	125	32	120	plain bore	158	57	13	40
LKRA-PATH 126G-11		**LKRA-PATH 126G-11-FI**	125	32	120	plain bore	158	57	11	40
LKRA-PATH 126KF	**BKRA-PATH 126KF**	**LKRA-PATH 126KF-FI**	125	32	120	ball bearing (C)	158	57	13	40
LKRA-PATH 126KF-11		**LKRA-PATH 126KF-11-FI**	125	32	120	ball bearing (C)	158	57	11	40

* Synthetic brake lever, see image below

For stainless steel versions, see page 394

Versions / options**



	plain bore version	with synthetic brake lever	electrically conductive version, non-marking grey	with threaded pin M10 x 30 M12 x 30	with plug-in pin Ø 11 x 30.5	with synthetic expander fitting	with metal expander fitting
Technical description page			50	104	105	105	105
Product code suffix			**-ELS**	**-GS10 / -GS12**	**-ES**	**see page 148**	**see page 148**
Available for		series LRA...-FI as standard	all ball bearing versions***	-GS10: series LRA -GS12: series LKRA	series LRA swivel castors****	swivel castors with bolt hole Ø 11 mm (except ELS)	swivel castors with bolt hole Ø 11 mm

** **Other versions / options: 1.** bracket in special colours (electrostatic powder coating), available upon request **2.** buffers **AG / ARG series** see page 148 (page 116 for technical information)
*** Wheel load capacity of electrically conductive version reduced by 35%
**** Synthetic castor socket for round tubes see page 148

LPA-PATH, BPA-PATH, LKPA-PATH, BKPA-PATH series

Light duty castors with top plate, wheel with thermoplastic polyurethane tread

75–120 kg



Bracket: LPA/BPA, LKPA/BKPA series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process
- synthetic "stop-fix" brake lever for series LPA, steel brake lever for series LKPA

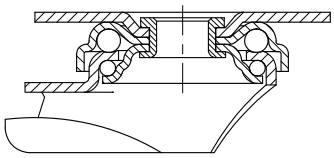
Wheel: PATH series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A, colour dark grey, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour silver grey

Additional details:
- bracket series: page 86
- brakes: page 112–113
- wheel series: page 136
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LPA-PATH 50G	**BPA-PATH 50G**	**LPA-PATH 50G-FI ***	50	19	75	plain bore	71	60 x 60	38 x 38 / 48 x 48	6.2	23
LPA-PATH 50KF	**BPA-PATH 50KF**	**LPA-PATH 50KF-FI ***	50	19	75	ball bearing (C)	71	60 x 60	38 x 38 / 48 x 48	6.2	23
LPA-PATH 75G	**BPA-PATH 75G**	**LPA-PATH 75G-FI ***	75	25	75	plain bore	100	60 x 60	38 x 38 / 48 x 48	6.2	29
LPA-PATH 75KF	**BPA-PATH 75KF**	**LPA-PATH 75KF-FI ***	75	25	75	ball bearing (C)	100	60 x 60	38 x 38 / 48 x 48	6.2	29
LKPA-PATH 80G	**BKPA-PATH 80G**	**LKPA-PATH 80G-FI**	80	32	120	plain bore	111	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPA-PATH 80KF	**BKPA-PATH 80KF**	**LKPA-PATH 80KF-FI**	80	32	120	ball bearing (C)	111	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPA-PATH 101G	**BKPA-PATH 101G**	**LKPA-PATH 101G-FI**	100	32	120	plain bore	136	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPA-PATH 101KF	**BKPA-PATH 101KF**	**LKPA-PATH 101KF-FI**	100	32	120	ball bearing (C)	136	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPA-PATH 126G	**BKPA-PATH 126G**	**LKPA-PATH 126G-FI**	125	32	120	plain bore	161	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPA-PATH 126KF	**BKPA-PATH 126KF**	**LKPA-PATH 126KF-FI**	125	32	120	ball bearing (C)	161	90 x 66	75 x 45 / 61 x 51	8.5	40

* Synthetic brake lever, see image below

For stainless steel versions, see page 395

Versions / options







	plain bore version	with synthetic brake lever	electrically conductive version, non-marking grey
Technical description page			50
Product code suffix			**-ELS**
Available for		series LPA...-FI as standard	all ball bearing versions**

** Wheel load capacity of electrically conductive version reduced by 35%

LMDA-PATH series

Twin wheel light duty castors with bolt hole, wheel with thermoplastic polyurethane tread

80–100 kg



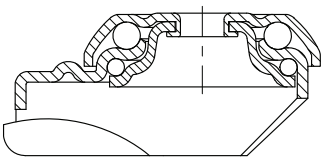
Bracket: LMDA series
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- pressed swivel head

Wheel: PATH series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A, colour dark grey, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour silver grey

Additional details:
- bracket series: page 86
- brakes: page 112–113
- wheel series: page 136
- bearing types: page 84–85







Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LMDA-PATH 50G	**LMDA-PATH 50G-FI**	50	2 x 19	80	plain bore	71	41	10.2	31
LMDA-PATH 50KF	**LMDA-PATH 50KF-FI**	50	2 x 19	80	ball bearing (C)	71	41	10.2	31
LMDA-PATH 75G	**LMDA-PATH 75G-FI**	75	2 x 25	100	plain bore	98	55	10.2	34
LMDA-PATH 75KF	**LMDA-PATH 75KF-FI**	75	2 x 25	100	ball bearing (C)	98	55	10.2	34

Versions / options





	plain bore version	electrically conductive version, non-marking grey
Technical description page		50
Product code suffix		**-ELS**
Available for		all ball bearing versions*

* Wheel load capacity of electrically conductive version reduced by 35%

LDA-PATH series

Twin wheel light duty castors with top plate, wheels with thermoplastic polyurethane tread

80–100 kg



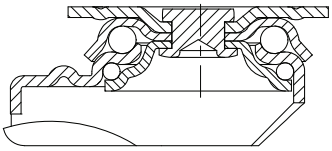
Bracket: LDA series
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- pressed swivel head

Wheel: PATH series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A, colour dark grey, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour silver grey

Additional details:
- bracket series: page 86
- brakes: page 112–113
- wheel series: page 136
- bearing types: page 84–85







Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LDA-PATH 50G	**LDA-PATH 50G-FI**	50	2 x 19	80	plain bore	71	60 x 60	38 x 38 / 48 x 48	6.2	31
LDA-PATH 50KF	**LDA-PATH 50KF-FI**	50	2 x 19	80	ball bearing (C)	71	60 x 60	38 x 38 / 48 x 48	6.2	31
LDA-PATH 75G	**LDA-PATH 75G-FI**	75	2 x 25	100	plain bore	101	60 x 60	40 x 40 / 46 x 46	6.2	34
LDA-PATH 75KF	**LDA-PATH 75KF-FI**	75	2 x 25	100	ball bearing (C)	101	60 x 60	40 x 40 / 46 x 46	6.2	34

Versions / options





	plain bore version	electrically conductive version, non-marking grey
Technical description page		50
Product code suffix		**-ELS**
Available for		all ball bearing versions*

* Wheel load capacity of electrically conductive version reduced by 35%

LRA-VSTH, LKRA-VSTH series

Light duty castors with bolt hole, wheel with Blickle Extrathane® polyurethane tread

100–150 kg



Bracket: LRA/LKRA series
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

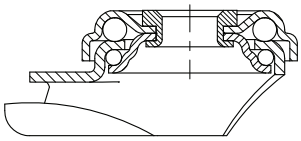
Wheel: VSTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre: steel

Additional details:
- bracket series: page 86
- brakes: page 112–113
- wheel series: page 66
- bearing types: page 84–85

Blickle Extrathane®







Swivel castors	Swivel castors with "Radstop" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LRA-VSTH 35K	**LRA-VSTH 35K-RA**	35	27	100	ball bearing	50	43	11	15
LKRA-VSTH 50K	**LKRA-VSTH 50K-RA**	50	33	150	ball bearing	70	57	13	29

For additional castors with a high load capacity and low total height, see the "Compact castors" section

Versions / options







	with threaded pin M10 x 30	with threaded pin M12 x 30	buffers
Technical description page	104	104	116
Product code suffix	**-GS10**	**-GS12**	**AG / ARG series**
Available for	LRA-VSTH 35K*	LKRA-VSTH 50K	see page 148

* Load capacity reduced by 20%

LPA-VSTH, LKPA-VSTH series

Light duty castors with top plate, wheel with Blickle Extrathane® polyurethane tread

100–150 kg



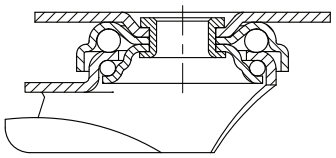
Blickle Extrathane®

Bracket: LPA/LKPA series
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: VSTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre: steel

Additional details:
- bracket series: page 86
- brakes: page 112–113
- wheel series: page 66
- bearing types: page 84–85





Swivel castors	Swivel castors with "Radstop" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LPA-VSTH 35K	LPA-VSTH 35K-RA	35	27	100	ball bearing	52	60 x 60	38 x 38 / 48 x 48	6.2	15
LKPA-VSTH 50K	LKPA-VSTH 50K-RA	50	33	150	ball bearing	73	90 x 66	75 x 45 / 61 x 51	8.5	29

For additional castors with a high load capacity and low total height, see the "Compact castors" section

POA series

Nylon wheels



75–280 kg

Tread and tyre hardness
70 Shore D

Smooth operation / floor preservation
satisfactory

Rolling resistance
excellent

Wear resistance
good

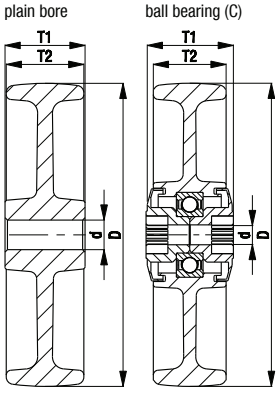
Wheel:
- high-quality nylon 6, impact resistant, hardness 70 Shore D
- excellent rolling and swivel resistance
- easy operation on smooth surfaces
- high abrasion resistance
- colour black

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +80 °C, reduced load capacity over +35 °C

Additional details:
- wheel series: page 61
- tread: page 57
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
POA 35/8G	35	25	75	plain bore	8	29.5
POA 50/8G	50	18	75	plain bore	8	22
POA 52/12G	50	29	120	plain bore	12	31
POA 58/10G	58	29	100	plain bore	10	31
POA 65/10G	65	30	100	plain bore	10	33
POA 65/12G	65	30	100	plain bore	12	33
POA 75/8G	75	23	100	plain bore	8	29.5
POA 80/12G	80	32	220	plain bore	12	35
POA 102/8G	100	22	100	plain bore	8	29.5
POA 100/8K	100	30	240	ball bearing (C)	8	36
POA 100/12G	100	32	240	plain bore	12	35
POA 125/8K	125	30	260	ball bearing (C)	8	36
POA 125/12G	125	32	260	plain bore	12	35
POA 150/12G	150	32	280	plain bore	12	35

For additional nylon wheels, see page 343, 344



LRA-POA, BRA-POA, LKRA-POA, BKRA-POA series

Light duty castors with bolt hole, with nylon wheel

70–120 kg



Bracket: LRA/BRA, LKRA/BKRA series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process
- synthetic "stop-fix" brake lever for series LRA, steel brake lever for series LKRA

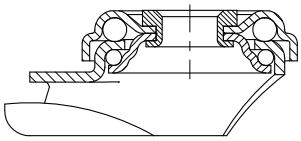
Wheel: POA series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour black

Additional details:
- bracket series: page 86
- brakes: page 112–113
- wheel series: page 143
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LRA-POA 35G		**LRA-POA 35G-RA ***	35	25	75	plain bore	50	43	11	15
LRA-POA 50G	**BRA-POA 50G**	**LRA-POA 50G-FI ****	50	18	75	plain bore	69	43	11	23
LKRA-POA 52G		**LKRA-POA 52G-RA ***	50	29	120	plain bore	70	57	13	29
LRA-POA 75G	**BRA-POA 75G**	**LRA-POA 75G-FI ****	75	23	75	plain bore	98	43	11	29
LKRA-POA 80G	**BKRA-POA 80G**	**LKRA-POA 80G-FI**	80	32	120	plain bore	108	57	13	40
LKRA-POA 80G-11		**LKRA-POA 80G-11-FI**	80	32	120	plain bore	108	57	11	40
LRA-POA 102G		**LRA-POA 102G-FI ****	100	22	70	plain bore	121	43	11	33
LKRA-POA 100K	**BKRA-POA 100K**	**LKRA-POA 100K-FI**	100	30	120	ball bearing (C)	133	57	13	40
LKRA-POA 100K-11		**LKRA-POA 100K-11-FI**	100	30	120	ball bearing (C)	133	57	11	40
LKRA-POA 100G	**BKRA-POA 100G**	**LKRA-POA 100G-FI**	100	32	120	plain bore	133	57	13	40
LKRA-POA 100G-11		**LKRA-POA 100G-11-FI**	100	32	120	plain bore	133	57	11	40
LKRA-POA 125K	**BKRA-POA 125K**	**LKRA-POA 125K-FI**	125	30	120	ball bearing (C)	158	57	13	40
LKRA-POA 125K-11		**LKRA-POA 125K-11-FI**	125	30	120	ball bearing (C)	158	57	11	40
LKRA-POA 125G	**BKRA-POA 125G**	**LKRA-POA 125G-FI**	125	32	120	plain bore	158	57	13	40
LKRA-POA 125G-11		**LKRA-POA 125G-11-FI**	125	32	120	plain bore	158	57	11	40
LKRA-POA 150G	**BKRA-POA 150G**	**LKRA-POA 150G-FI**	150	32	110	plain bore	182	57	13	40
LKRA-POA 150G-11		**LKRA-POA 150G-11-FI**	150	32	110	plain bore	182	57	11	40

* "Radstop" brake version

** Synthetic brake lever, see image below

For stainless steel versions, see page 396

Versions / options



	with synthetic brake lever	"Radstop" wheel brake	with threaded pin M10 x 30 M12 x 30	with plug-in pin Ø 11 x 30.5	with synthetic expander fitting	with metal expander fitting	buffers
Technical description page			104	105	105	105	116
Product code suffix			**-GS10 / -GS12**	**-ES**	**see page 148**	**see page 148**	**AG / ARG series**
Available for	series LRA...-FI as standard	series LRA Ø 35 mm series LKRA Ø 50 mm	-GS10: series LRA -GS12: series LKRA	series LRA swivel castors***	swivel castors bolt hole Ø 11 mm (with exception of Ø 35 mm)	swivel castors bolt hole Ø 11 mm (with exception of Ø 35 mm)	see page 148

*** Synthetic castor socket for round tubes see page 148

LPA-POA, BPA-POA, LKPA-POA, BKPA-POA series

Light duty castors with top plate, with nylon wheel

70–120 kg



Bracket: LPA/BPA, LKPA/BKPA series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process
- synthetic "stop-fix" brake lever for series LPA, steel brake lever for series LKPA

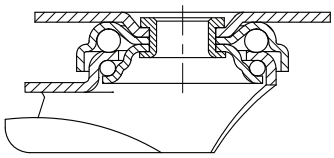
Wheel: POA series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour black

Additional details:
- bracket series: page 86
- brakes: page 112–113
- wheel series: page 143
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LPA-POA 35G		**LPA-POA 35G-RA ***	35	25	75	plain bore	52	60 x 60	38 x 38 / 48 x 48	6.2	15
LPA-POA 50G	**BPA-POA 50G**	**LPA-POA 50G-FI ****	50	18	75	plain bore	71	60 x 60	38 x 38 / 48 x 48	6.2	23
LKPA-POA 52G		**LKPA-POA 52G-RA ***	50	29	120	plain bore	73	90 x 66	75 x 45 / 61 x 51	8.5	29
LPA-POA 75G	**BPA-POA 75G**	**LPA-POA 75G-FI ****	75	23	75	plain bore	100	60 x 60	38 x 38 / 48 x 48	6.2	29
LKPA-POA 80G	**BKPA-POA 80G**	**LKPA-POA 80G-FI**	80	32	120	plain bore	111	90 x 66	75 x 45 / 61 x 51	8.5	40
LPA-POA 102G		**LPA-POA 102G-FI ****	100	22	70	plain bore	123	60 x 60	38 x 38 / 48 x 48	6.2	33
LKPA-POA 100K	**BKPA-POA 100K**	**LKPA-POA 100K-FI**	100	30	120	ball bearing (C)	136	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPA-POA 100G	**BKPA-POA 100G**	**LKPA-POA 100G-FI**	100	32	120	plain bore	136	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPA-POA 125K	**BKPA-POA 125K**	**LKPA-POA 125K-FI**	125	30	120	ball bearing (C)	161	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPA-POA 125G	**BKPA-POA 125G**	**LKPA-POA 125G-FI**	125	32	120	plain bore	161	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPA-POA 150G	**BKPA-POA 150G**	**LKPA-POA 150G-FI**	150	32	110	plain bore	185	90 x 66	75 x 45 / 61 x 51	8.5	40

* "Radstop" brake version

** Synthetic brake lever, see image below

For stainless steel versions, see page 397

Versions / options





	with synthetic brake lever	"Radstop" wheel brake
Technical description page		
Product code suffix		
Available for	series LPA...-FI as standard	series LPA Ø 35 mm series LKPA Ø 50 mm

LMDA-POA series

Twin wheel light duty castors with bolt hole, with nylon wheels



80–100 kg

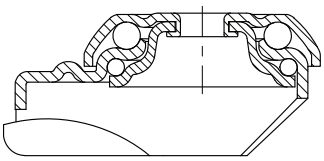
Bracket: LMDA series
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- pressed swivel head

Wheel: POA series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour black

Additional details:
- bracket series: page 86
- brakes: page 112–113
- wheel series: page 143
- bearing types: page 84–85







Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LMDA-POA 50G	LMDA-POA 50G-FI	50	2 x 18	80	plain bore	71	41	10.2	31
LMDA-POA 75G	LMDA-POA 75G-FI	75	2 x 23	100	plain bore	98	55	10.2	34

LDA-POA series

Twin wheel light duty castors with top plate, with nylon wheels

80–100 kg



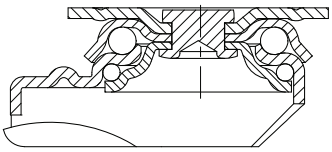
Bracket: LDA series
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- pressed swivel head

Wheel: POA series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour black

Additional details:
- bracket series: page 86
- brakes: page 112–113
- wheel series: page 143
- bearing types: page 84–85







Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LDA-POA 50G	**LDA-POA 50G-FI**	50	2 x 18	80	plain bore	71	60 x 60	38 x 38 / 48 x 48	6.2	31
LDA-POA 75G	**LDA-POA 75G-FI**	75	2 x 23	100	plain bore	101	60 x 60	40 x 40 / 46 x 46	6.2	34

Versions / options for light-duty castors

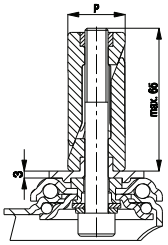
Synthetic expander fitting for round tubes *

Product code suffix for LRA series	Product code suffix for LKRA series	Internal tube dimension (P) [mm]
-ER02	-ER12	Ø 20–25
-ER03	-ER13	Ø 25–30
-ER04	-ER14	Ø 30–35
-ER05	-ER15	Ø 35–40

* Corrosion-resistant versions page 398

Available for all swivel castors in the LRA/LKRA series with bolt hole Ø 11 mm. Swivel castor and expander secured to prevent loosening with positive locking. Maximum fitting length is 65 mm. **Increases total height of swivel castors by 3 mm.**
Detailed description: page 105





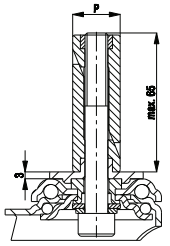
Synthetic expander fitting for square tubes *

Product code suffix for LRA series	Product code suffix for LKRA series	Internal tube dimension (P) [mm]
-EV02	-EV12	□ 18–21
-EV03	-EV13	□ 21–25
-EV04	-EV14	□ 25–29
-EV05	-EV15	□ 29–32
-EV07	-EV17	□ 32–38.5
	-EV18	□ 35.5–41

* Corrosion-resistant versions page 398

Available for all swivel castors in the LRA/LKRA series with bolt hole Ø 11 mm. Swivel castor and expander secured to prevent loosening with positive locking. Maximum fitting length is 65 mm. **Increases total height of swivel castors by 3 mm.**
Detailed description: page 105

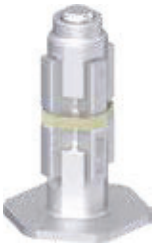


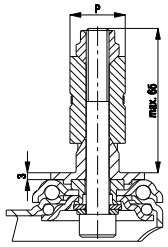


Metal expander fitting for round and square tubes

Product code suffix for LRA series	Product code suffix for LKRA series	Internal tube dimension round tube (P) [mm]	Internal tube dimension square tube (P) [mm]
-E01	-E11	Ø 17–19	□ 17–19
-E02	-E12	Ø 20–25	□ 18–21
-E03	-E13	Ø 25–30	□ 21–25
-E04	-E14	Ø 30–35	□ 25–29
-E05	-E15	Ø 35–40	□ 29–32
-E07	-E17	Ø 39–45	□ 32–38.5

Available for all swivel castors in the LRA / LKRA series with bolt hole Ø 11 mm. Swivel castor and expander secured against rotation by positive locking. Maximum fitting length is 65 mm. **Increases total height of swivel castors by 3 mm.**
Detailed description: page 105





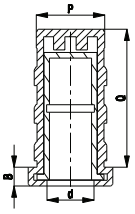
Synthetic castor socket for round tube

Product code	Internal tube dimension round tube (P) [mm]	Flange dimension Ø (d) x height (B) [mm]	Fitting length castor sockets (Q) [mm]
RHR 20-18/11A	Ø 18.0	Ø 20.0 x 5.0	42
RHR 22-19/11A	Ø 19.0	Ø 22.0 x 5.0	42

Other dimensions are available upon request

Available for all swivel castors with plug-in pin Ø (d) 11 x 30.5 mm in the LRA series.
Detailed description: page 105





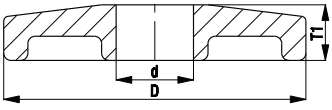
Buffers for round and square tubes

Product code	Wheel Ø (D) [mm]	Wheel width (T1) [mm]	Hole (d) [mm]
Synthetic buffers (polyethylene)			
AG 100/R25	100	17.5	Ø 25
AG 100/V25	100	17.5	□ 25 x 25
AG 125/R25	125	17.5	Ø 25
AG 125/V25	125	17.5	□ 25 x 25
Solid rubber buffers			
ARG 75/R10	75	23	Ø 10
ARG 100/R26	100	23	Ø 26
ARG 100/R32	100	23	Ø 32
ARG 125/R26	125	23	Ø 26
ARG 125/R32	125	23	Ø 32

Other dimensions and special colours available upon request

Buffers reduce the risk of damage to walls and vehicles in the event of a collision. Buffers for round and square tubes are fixed or connected to tubular frames in the external areas of vehicles.
AG series: Made from soft synthetic polyethylene, hardness 48 Shore D, colour silver grey RAL 7001, non-marking.
ARG series: Made from solid rubber, hardness 75 Shore A, colour grey, non-marking.
Detailed description: page 116







Synthetic castors



Selection tool

Synthetic castors



Series	LKFG-TPA	LKFGX-TPA	LWK-TPA	LWG-TPA	LWKX-TPA	LWGX-TPA
Category	Castors with ball race groove in swivel head		Castors with ball bearing in swivel head			
Tread / tyre	Thermoplastic rubber-elastomer (TPE)					
Tread and tyre hardness	85 Shore A	85 Shore A	85 Shore A	85 Shore A	85 Shore A	85 Shore A
Wheel centre / rim	polypropylene	polypropylene	polypropylene	polypropylene	polypropylene	polypropylene
Bracket material	thermoplastic	thermoplastic	nylon	nylon	nylon	nylon
Bracket colour	silver grey (optional grey white)	silver grey (optional grey white)	grey white	silver grey	grey white	silver grey
Wheel Ø	125 mm	125 mm	100–125 mm	100–125 mm	100–125 mm	100–125 mm
Castor load capacity up to	110 kg	110 kg	110 kg	110 kg	110 kg	110 kg
Corrosion-resistant	–	✔	–	–	✔	✔
"stop-fix" brake (-FI)	✔	✔	✔	✔	✔	✔
"Radstop" wheel brake (-RA)	–	–	–	–	–	–
Dual purpose directional lock combined with wheel brake (-RIFI)	–	–	–	–	–	–
For information about swivel castors, refer to	page 154	page 155	page 156–158	page 159–161	page 162–164	page 165–167

✔ yes – no



LKDG-PUA	LKDB-PUA	LKD-PATH	LKDG-PATH	LKDX-PATH	LKDGX-PATH
Twin wheel castors with plain synthetic swivel head bearing		Twin wheel castors with ball bearing in swivel head			
Thermoplastic polyurethane (TPU)		Thermoplastic polyurethane (TPU)			
92 Shore A	92 Shore A	94 Shore A	94 Shore A	94 Shore A	94 Shore A
nylon	nylon	nylon	nylon	nylon	nylon
nylon	nylon	nylon	nylon	nylon	nylon
light grey	black	grey white	silver grey	grey white	silver grey
100 mm	50–100 mm	100–125 mm	100–125 mm	100–125 mm	100–125 mm
110 kg	110 kg	125 kg	125 kg	125 kg	125 kg
optional	optional	–	–	✔	✔
–	–	✔	✔	✔	✔
✔	✔	–	–	–	–
–	–	✔	✔	✔	✔
page 170	page 171	page 172–173	page 174–175	page 176–177	page 178–179

LKFG-TPA, BKFG-TPA series

Blickle FLOW synthetic castors with bolt hole, colour silver grey, wheel with thermoplastic rubber tread

110 kg | -20 °C to +50 °C



Bracket: LKFG/BKFG series
- high-quality thermoplastic
- colour silver grey RAL 7001
- modern, appealing design

Swivel bracket:
- double ball bearing in the swivel head
- bolt hole

Wheel: TPA series
- tread: high-quality thermoplastic rubber-elastomer (TPE), hardness 85 Shore A, colour grey, non-marking, oil containing
- wheel centre: high-quality polypropylene, impact resistant, colour silver grey RAL 7001

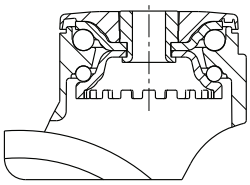
Other features:
- the load capacity reduces at ambient temperatures above +30 °C

Additional details:
- bracket series: page 87
- brakes: page 112–113
- wheel series: page 60
- bearing types: page 84–85

BLICKLE DESIGN LINE







Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LKFG-TPA 126G	**LKFG-TPA 126G-FI**	125	32	110	plain bore	160	55	13	40
LKFG-TPA 126G-11	**LKFG-TPA 126G-11-FI**	125	32	110	plain bore	160	55	11	40
LKFG-TPA 126KF	**LKFG-TPA 126KF-FI**	125	32	110	ball bearing (C)	160	55	13	40
LKFG-TPA 126KF-11	**LKFG-TPA 126KF-11-FI**	125	32	110	ball bearing (C)	160	55	11	40

For corrosion-resistant versions of synthetic castors, see page 155

Versions / options



	plain bore version	version soft tread 60 Shore A	with top plate fitting zinc-plated version	with zinc-plated plug-in stem	fixed castors	colour grey white RAL 9002	brake lever in special colour
Technical description page			106	104			
Product code suffix		**LKFG-TPS / BKFG-TPS series**	**-P25**	**-ZA51**	**BKFG-TPA series**	**LKF-TPA series**	
Available for		upon request*	all**	upon request***	upon request	upon request	upon request

* Load capacity reduced by 30%
** Increases total height of castors by 1 mm
*** ZA51: stem Ø 18 mm, stem length 62 mm, position cross hole 30 mm, cross hole for bolt M6

LKFGX-TPA, BKFGX-TPA series

Blickle FLOW synthetic castors, corrosion-resistant, with bolt hole, colour silver grey, wheel with thermoplastic rubber tread



110 kg

-20 °C to +50 °C

Bracket: LKFGX/BKFGX series
- high-quality thermoplastic
- colour silver grey RAL 7001
- all parts including axle material are corrosion-resistant
- modern, appealing design

Swivel bracket:
- double corrosion-resistant ball bearing in the swivel head
- bolt hole

Wheel: TPA series
- tread: high-quality thermoplastic rubber-elastomer (TPE), hardness 85 Shore A, colour grey, non-marking, oil containing
- wheel centre: high-quality polypropylene, impact resistant, colour silver grey RAL 7001

Other features:
- the load capacity reduces at ambient temperatures above +30 °C

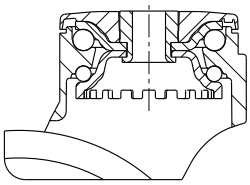
Additional details:
- bracket series: page 87
- brakes: page 112–113
- wheel series: page 60
- bearing types: page 84–85

INOX

BLICKLE DESIGN LINE







Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LKFGX-TPA 126G	**LKFGX-TPA 126G-FI**	125	32	110	plain bore	160	55	13	40
LKFGX-TPA 126G-11	**LKFGX-TPA 126G-11-FI**	125	32	110	plain bore	160	55	11	40
LKFGX-TPA 126XKF	**LKFGX-TPA 126XKF-FI**	125	32	110	ball bearing (C)	160	55	13	40
LKFGX-TPA 126XKF-11	**LKFGX-TPA 126XKF-11-FI**	125	32	110	ball bearing (C)	160	55	11	40

Versions / options



	plain bore version	version soft tread 60 Shore A	with top plate fitting stainless steel version in accordance with GKN standard	with stainless steel plug-in stem	fixed castors	colour grey white RAL 9002	brake lever in special colour
Technical description page			106	104			
Product code suffix		**LKFGX-TPS / BKF-GX-TPS series**	**-PX27**	**-ZAX51**	**BKFGX-TPA series**	**LKFX-TPA series**	
Available for		upon request*	all**	upon request***	upon request	upon request	upon request

* Load capacity reduced by 30%
** Increases total height of castors by 1 mm
*** ZAX51: stem Ø 18 mm, stem length 62 mm, position cross hole 30 mm, cross hole for bolt M6

LWK-TPA series

Blickle WAVE synthetic castors with bolt hole, colour grey white, wheel with thermoplastic rubber tread



100–110 kg

-20 °C to +60 °C

Bracket: LWK series
- high-quality nylon 6, impact resistant
- encapsulated, double-sealed, grooved ball bearing in the swivel head
- bolt hole
- colour grey white RAL 9002
- modern, appealing design

Wheel: TPA series
- tread: high-quality thermoplastic rubber-elastomer (TPE), hardness 85 Shore A, colour grey, non-marking, oil containing
- wheel centre: high-quality polypropylene, impact resistant, colour grey white RAL 9002

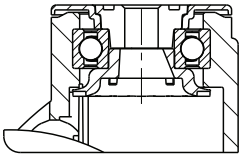
Other features:
- the load capacity reduces at ambient temperatures above +30 °C

Additional details:
- bracket series: page 88
- brakes: page 112–113
- wheel series: page 60
- bearing types: page 84–85

BLICKLE DESIGN LINE







Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LWK-TPA 101G	**LWK-TPA 101G-FI**	100	32	100	plain bore	135	55	13	38
LWK-TPA 101G-11	**LWK-TPA 101G-11-FI**	100	32	100	plain bore	135	55	11	38
LWK-TPA 101KF	**LWK-TPA 101KF-FI**	100	32	100	ball bearing (C)	135	55	13	38
LWK-TPA 101KF-11	**LWK-TPA 101KF-11-FI**	100	32	100	ball bearing (C)	135	55	11	38
LWK-TPA 126G	**LWK-TPA 126G-FI**	125	32	110	plain bore	160	55	13	40
LWK-TPA 126G-11	**LWK-TPA 126G-11-FI**	125	32	110	plain bore	160	55	11	40
LWK-TPA 126KF	**LWK-TPA 126KF-FI**	125	32	110	ball bearing (C)	160	55	13	40
LWK-TPA 126KF-11	**LWK-TPA 126KF-11-FI**	125	32	110	ball bearing (C)	160	55	11	40

For corrosion-resistant versions of synthetic castors, see page 162

Versions / options *



	plain bore version	electrically conductive version, non-marking, grey	with "central-stop" central brake system	with threaded pin M10 x 20 M12 x 20	with synthetic expander fitting	with metal expander fitting	in special colour
Technical description page		50	113	104	105	105	
Product code suffix		**LWKE-...-ELS**	**-CS11**	**-GS10 / -GS12**	**see page 168**	**see page 168**	
Available for		all ball bearing versions**	all with bolt hole Ø 13 mm	all with bolt hole Ø 13 mm	bolt hole Ø 11 mm upon request***	bolt hole Ø 11 mm upon request****	upon request

* **Other versions / options:** buffers **AW / AG / ARG series**; rotating buffers **-AMW / -AMG series** see page 169 (technical information on page 116)
** Load capacity of electrically conductive version reduced by 35%
*** Not for electrically conductive version, Total height +3 mm
**** Total height +7 mm

LWK-TPA series

Blickle WAVE synthetic castors with top plate, colour grey white, wheel with thermoplastic rubber tread



100–110 kg

-20 °C to +60 °C

Bracket: LWK series
- high-quality nylon 6, impact resistant
- encapsulated, double-sealed, grooved ball bearing in the swivel head
- zinc-plated blue-passivated steel top plate fitting (Cr6-free)
- colour grey white RAL 9002
- modern, appealing design

Wheel: TPA series
- tread: high-quality thermoplastic rubber-elastomer (TPE), hardness 85 Shore A, colour grey, non-marking, oil containing
- wheel centre: high-quality polypropylene, impact resistant, colour grey white RAL 9002

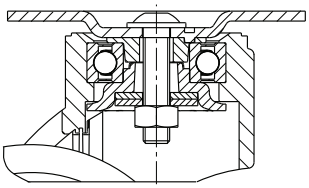
Other features:
- the load capacity reduces at ambient temperatures above +30 °C

Additional details:
- bracket series: page 88
- brakes: page 112–113
- wheel series: page 60
- bearing types: page 84–85

BLICKLE DESIGN LINE







Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LWK-TPA 101G-P25	**LWK-TPA 101G-FI-P25**	100	32	100	plain bore	138	90 x 66	75 x 45 / 61 x 51	8.5	38
LWK-TPA 101KF-P25	**LWK-TPA 101KF-FI-P25**	100	32	100	ball bearing (C)	138	90 x 66	75 x 45 / 61 x 51	8.5	38
LWK-TPA 126G-P25	**LWK-TPA 126G-FI-P25**	125	32	110	plain bore	163	90 x 66	75 x 45 / 61 x 51	8.5	40
LWK-TPA 126KF-P25	**LWK-TPA 126KF-FI-P25**	125	32	110	ball bearing (C)	163	90 x 66	75 x 45 / 61 x 51	8.5	40

For corrosion-resistant versions of synthetic castors, see page 163

Versions / options









	plain bore version	electrically conductive version, non-marking, grey	with plate size 78x66 mm 61x50/50x42 mm	in special colour
Technical description page		50	106	
Product code suffix		**LWKE-...-ELS**	**-P28**	
Available for		all ball bearing versions*	upon request	upon request

* Load capacity of electrically conductive version reduced by 35%

LWK-TPA series

Blickle WAVE synthetic castors with stem, colour grey white, wheel with thermoplastic rubber tread



100–110 kg

-20 °C to +60 °C

Bracket: LWK series
- high-quality nylon 6, impact resistant
- encapsulated, double-sealed, grooved ball bearing in the swivel head
- zinc-plated, blue-passivated steel plug-in stem (Cr6-free), bolted and secured
- colour grey white RAL 9002
- modern, appealing design

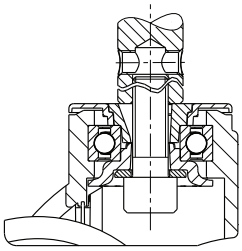
Wheel: TPA series
- tread: high-quality thermoplastic rubber-elastomer (TPE), hardness 85 Shore A, colour grey, non-marking, oil containing
- wheel centre: high-quality polypropylene, impact resistant, colour grey white RAL 9002

Other features:
- the load capacity reduces at ambient temperatures above +30 °C

Additional details:
- bracket series: page 88
- brakes: page 112–113
- wheel series: page 60
- bearing types: page 84–85

BLICKLE DESIGN LINE





Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø (D) [mm]	Stem length [mm]	Ø cross hole [mm]	Position cross hole (H) [mm]	Offset swivel castor [mm]
LWK-TPA 101G-ZA51	**LWK-TPA 101G-FI-ZA51**	100	32	100	plain bore	135	18	62	M6	30	38
LWK-TPA 101G-ZA55	**LWK-TPA 101G-FI-ZA55**	100	32	100	plain bore	135	22	45	M8	20	38
LWK-TPA 101KF-ZA51	**LWK-TPA 101KF-FI-ZA51**	100	32	100	ball bearing (C)	135	18	62	M6	30	38
LWK-TPA 101KF-ZA55	**LWK-TPA 101KF-FI-ZA55**	100	32	100	ball bearing (C)	135	22	45	M8	20	38
LWK-TPA 126G-ZA51	**LWK-TPA 126G-FI-ZA51**	125	32	110	plain bore	160	18	62	M6	30	40
LWK-TPA 126G-ZA55	**LWK-TPA 126G-FI-ZA55**	125	32	110	plain bore	160	22	45	M8	20	40
LWK-TPA 126KF-ZA51	**LWK-TPA 126KF-FI-ZA51**	125	32	110	ball bearing (C)	160	18	62	M6	30	40
LWK-TPA 126KF-ZA55	**LWK-TPA 126KF-FI-ZA55**	125	32	110	ball bearing (C)	160	22	45	M8	20	40

For corrosion-resistant versions of synthetic castors, see page 164
Additional stem fitting dimensions available upon request

Versions / options



	plain bore version	electrically conductive version, non-marking, grey	in special colour
Technical description page		50	
Product code suffix		**LWKE-...-ELS**	
Available for		all ball bearing versions*	upon request

* Load capacity of electrically conductive version reduced by 35%

LWG-TPA series

Blickle WAVE synthetic castors with bolt hole, colour silver grey, wheel with thermoplastic rubber tread



100–110 kg

-20 °C to +60 °C

Bracket: LWG series
- high-quality nylon 6, impact resistant
- encapsulated, double-sealed, grooved ball bearing in the swivel head
- bolt hole
- colour silver grey RAL 7001
- modern, appealing design

Wheel: TPA series
- tread: high-quality thermoplastic rubber-elastomer (TPE), hardness 85 Shore A, colour grey, non-marking, oil containing
- wheel centre: high-quality polypropylene, impact resistant, colour silver grey RAL 7001

Other features:
- the load capacity reduces at ambient temperatures above +30 °C

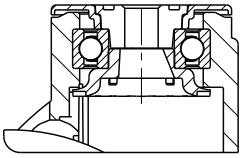
Additional details:
- bracket series: page 88
- brakes: page 112–113
- wheel series: page 60
- bearing types: page 84–85

BLICKLE DESIGN LINE

2







Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LWG-TPA 101G	**LWG-TPA 101G-FI**	100	32	100	plain bore	135	55	13	38
LWG-TPA 101G-11	**LWG-TPA 101G-11-FI**	100	32	100	plain bore	135	55	11	38
LWG-TPA 101KF	**LWG-TPA 101KF-FI**	100	32	100	ball bearing (C)	135	55	13	38
LWG-TPA 101KF-11	**LWG-TPA 101KF-11-FI**	100	32	100	ball bearing (C)	135	55	11	38
LWG-TPA 126G	**LWG-TPA 126G-FI**	125	32	110	plain bore	160	55	13	40
LWG-TPA 126G-11	**LWG-TPA 126G-11-FI**	125	32	110	plain bore	160	55	11	40
LWG-TPA 126KF	**LWG-TPA 126KF-FI**	125	32	110	ball bearing (C)	160	55	13	40
LWG-TPA 126KF-11	**LWG-TPA 126KF-11-FI**	125	32	110	ball bearing (C)	160	55	11	40

For corrosion-resistant versions of synthetic castors, see page 165

Versions / options *



	plain bore version	electrically conductive version, non-marking, grey	with "central-stop" central brake system	with threaded pin M10 x 20 M12 x 20	with synthetic expander fitting	with metal expander fitting	in special colour
Technical description page		50	113	104	105	105	
Product code suffix		**LWGE-...-ELS**	**-CS11**	**-GS10 / -GS12**	**see page 168**	**see page 168**	
Available for		all ball bearing versions**	all with bolt hole Ø 13 mm	all with bolt hole Ø 13 mm	bolt hole Ø 11 mm upon request***	bolt hole Ø 11 mm upon request****	upon request

* **Other versions / options:** buffers **AW / AG / ARG series**; rotating buffers **-AMW / -AMG series** see page 169 (technical information on page 116)
** Load capacity of electrically conductive version reduced by 35%
*** Not for electrically conductive version, total height +3 mm
**** Total height +7 mm

LWG-TPA series

Blickle WAVE synthetic castors with stem, colour silver grey, wheel with thermoplastic rubber tread



100–110 kg

-20 °C to +60 °C

Bracket: LWG series
- high-quality nylon 6, impact resistant
- encapsulated, double-sealed, grooved ball bearing in the swivel head
- zinc-plated blue-passivated steel top plate fitting (Cr6-free)
- colour silver grey RAL 7001
- modern, appealing design

Wheel: TPA series
- tread: high-quality thermoplastic rubber-elastomer (TPE), hardness 85 Shore A, colour grey, non-marking, oil containing
- wheel centre: high-quality polypropylene, impact resistant, colour silver grey RAL 7001

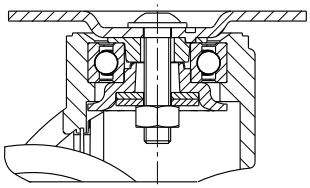
Other features:
- the load capacity reduces at ambient temperatures above +30 °C

Additional details:
- bracket series: page 88
- brakes: page 112–113
- wheel series: page 60
- bearing types: page 84–85

BLICKLE DESIGN LINE







Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LWG-TPA 101G-P25	**LWG-TPA 101G-FI-P25**	100	32	100	plain bore	138	90 x 66	75 x 45 / 61 x 51	8.5	38
LWG-TPA 101KF-P25	**LWG-TPA 101KF-FI-P25**	100	32	100	ball bearing (C)	138	90 x 66	75 x 45 / 61 x 51	8.5	38
LWG-TPA 126G-P25	**LWG-TPA 126G-FI-P25**	125	32	110	plain bore	163	90 x 66	75 x 45 / 61 x 51	8.5	40
LWG-TPA 126KF-P25	**LWG-TPA 126KF-FI-P25**	125	32	110	ball bearing (C)	163	90 x 66	75 x 45 / 61 x 51	8.5	40

For corrosion-resistant versions of synthetic castors, see page 166

Versions / options









	plain bore version	electrically conductive version, non-marking, grey	with plate size 78x66 mm 61x50/50x42 mm	in special colour
Technical description page		50	106	
Product code suffix		**LWGE-...-ELS**	**-P28**	
Available for		all ball bearing versions*	upon request	upon request

* Load capacity of electrically conductive version reduced by 35%

LWG-TPA series

Blickle WAVE synthetic castors, with stem, colour silver grey, wheel with thermoplastic rubber tread



100–110 kg

-20 °C to +60 °C

Bracket: LWG series
- high-quality nylon 6, impact resistant
- encapsulated, double-sealed, grooved ball bearing in the swivel head
- zinc-plated, blue-passivated steel plug-in stem (Cr6-free), bolted and secured
- colour silver grey RAL 7001
- modern, appealing design

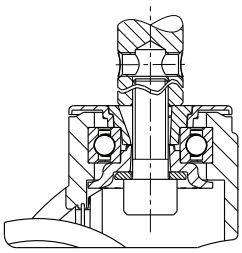
Wheel: TPA series
- tread: high-quality thermoplastic rubber-elastomer (TPE), hardness 85 Shore A, colour grey, non-marking, oil containing
- wheel centre: high-quality polypropylene, impact resistant, colour silver grey RAL 7001

Other features:
- the load capacity reduces at ambient temperatures above +30 °C

Additional details:
- bracket series: page 88
- brakes: page 112–113
- wheel series: page 60
- bearing types: page 84–85

BLICKLE DESIGN LINE





Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø (D) [mm]	Stem length [mm]	Ø cross hole [mm]	Position cross hole (H) [mm]	Offset swivel castor [mm]
LWG-TPA 101G-ZA51	**LWG-TPA 101G-FI-ZA51**	100	32	100	plain bore	135	18	62	M6	30	38
LWG-TPA 101G-ZA55	**LWG-TPA 101G-FI-ZA55**	100	32	100	plain bore	135	22	45	M8	20	38
LWG-TPA 101KF-ZA51	**LWG-TPA 101KF-FI-ZA51**	100	32	100	ball bearing (C)	135	18	62	M6	30	38
LWG-TPA 101KF-ZA55	**LWG-TPA 101KF-FI-ZA55**	100	32	100	ball bearing (C)	135	22	45	M8	20	38
LWG-TPA 126G-ZA51	**LWG-TPA 126G-FI-ZA51**	125	32	110	plain bore	160	18	62	M6	30	40
LWG-TPA 126G-ZA55	**LWG-TPA 126G-FI-ZA55**	125	32	110	plain bore	160	22	45	M8	20	40
LWG-TPA 126KF-ZA51	**LWG-TPA 126KF-FI-ZA51**	125	32	110	ball bearing (C)	160	18	62	M6	30	40
LWG-TPA 126KF-ZA55	**LWG-TPA 126KF-FI-ZA55**	125	32	110	ball bearing (C)	160	22	45	M8	20	40

For corrosion-resistant versions of synthetic castors, see page 167
Additional stem fitting dimensions available upon request

Versions / options



	plain bore version	electrically conductive version, non-marking, grey	in special colour
Technical description page		50	
Product code suffix		**LWGE-...-ELS**	
Available for		all ball bearing versions*	upon request

* Load capacity of electrically conductive version reduced by 35%

LWKX-TPA series

Blickle WAVE synthetic castors, corrosion-resistant, with bolt hole, colour grey white, wheel with thermoplastic rubber tread



100–110 kg

-20 °C to +60 °C

Bracket: LWKX series
- high-quality nylon 6, impact resistant
- moulded corrosion-resistant grooved ball bearing in the swivel head sealed on both sides
- bolt hole
- colour grey white RAL 9002
- all parts including axle material are corrosion-resistant
- modern, appealing design

Wheel: TPA series
- tread: high-quality thermoplastic rubber-elastomer (TPE), hardness 85 Shore A, colour grey, non-marking, oil containing
- wheel centre: high-quality polypropylene, impact resistant, colour grey white RAL 9002

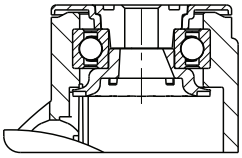
Other features:
- the load capacity reduces at ambient temperatures above +30 °C

Additional details:
- bracket series: page 88
- brakes: page 112–113
- wheel series: page 60
- bearing types: page 84–85

INOX

BLICKLE DESIGN LINE





Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LWKX-TPA 101G	**LWKX-TPA 101G-FI**	100	32	100	plain bore	135	55	13	38
LWKX-TPA 101G-11	**LWKX-TPA 101G-11-FI**	100	32	100	plain bore	135	55	11	38
LWKX-TPA 101XKF	**LWKX-TPA 101XKF-FI**	100	32	100	ball bearing (C)	135	55	13	38
LWKX-TPA 101XKF-11	**LWKX-TPA 101XKF-11-FI**	100	32	100	ball bearing (C)	135	55	11	38
LWKX-TPA 126G	**LWKX-TPA 126G-FI**	125	32	110	plain bore	160	55	13	40
LWKX-TPA 126G-11	**LWKX-TPA 126G-11-FI**	125	32	110	plain bore	160	55	11	40
LWKX-TPA 126XKF	**LWKX-TPA 126XKF-FI**	125	32	110	ball bearing (C)	160	55	13	40
LWKX-TPA 126XKF-11	**LWKX-TPA 126XKF-11-FI**	125	32	110	ball bearing (C)	160	55	11	40

Versions / options *



	plain bore version	electrically-conductive version, non-marking, grey	with threaded pin made from stainless steel M10 x 20	with threaded pin made from stainless steel M12 x 20	with synthetic expander fitting	in special colour
Technical description page		50	104	104	105	
Product code suffix		**LWKXE-...-ELS**	**-GSX10**	**-GSX12**	**see page 168**	
Available for		all ball bearing versions**	all with bolt hole Ø 13 mm	all with bolt hole Ø 13 mm	bolt hole Ø 11 mm upon request***	upon request

* **Other versions / options:** buffers **AW / AG / ARG series**; rotating buffers **-AMWX / -AMGX series** see page 169 (technical information on page 116)
** Load capacity of electrically conductive version reduced by 35%
*** Not for electrically conductive version, total height +3 mm

LWKX-TPA series

Blickle WAVE synthetic castors, corrosion-resistant, with top plate, colour grey white, wheel with thermoplastic rubber tread



100–110 kg

-20 °C to +60 °C

Bracket: LWKX series
- high-quality nylon 6, impact resistant
- moulded corrosion-resistant grooved ball bearing in the swivel head sealed on both sides
- with top plate fitting made of stainless steel
- colour grey white RAL 9002
- all parts including axle material are corrosion-resistant
- modern, appealing design

Wheel: TPA series
- tread: high-quality thermoplastic rubber-elastomer (TPE), hardness 85 Shore A, colour grey, non-marking, oil containing
- wheel centre: high-quality polypropylene, impact resistant, colour grey white RAL 9002

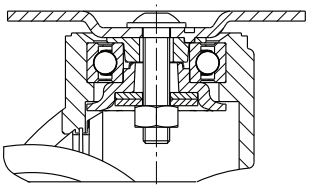
Other features:
- the load capacity reduces at ambient temperatures above +30 °C

Additional details:
- bracket series: page 89
- brakes: page 112–113
- wheel series: page 60
- bearing types: page 84–85

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BLICKLE DESIGN LINE





Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LWKX-TPA 101G-PX25	**LWKX-TPA 101G-FI-PX25**	100	32	100	plain bore	138	90 x 66	75 x 45 / 61 x 51	8.5	38
LWKX-TPA 101XKF-PX25	**LWKX-TPA 101XKF-FI-PX25**	100	32	100	ball bearing (C)	138	90 x 66	75 x 45 / 61 x 51	8.5	38
LWKX-TPA 126G-PX25	**LWKX-TPA 126G-FI-PX25**	125	32	110	plain bore	163	90 x 66	75 x 45 / 61 x 51	8.5	40
LWKX-TPA 126XKF-PX25	**LWKX-TPA 126XKF-FI-PX25**	125	32	110	ball bearing (C)	163	90 x 66	75 x 45 / 61 x 51	8.5	40

Versions / options



	plain bore version	electrically conductive version, non-marking, grey	with plate size 90x66 mm 75x50 mm	in special colour
Technical description page		50	106	
Product code suffix		**LWKXE-...-ELS**	**-PX26**	
Available for		all ball bearing versions*	upon request**	upon request

* Load capacity of electrically conductive version reduced by 35%
** In accordance with DIN 18867-8 (large-scale catering equipment)

LWKX-TPA series

Blickle WAVE synthetic castors, corrosion-resistant, with stem, colour grey white, wheel with thermoplastic rubber tread

100–110 kg

-20 °C to +60 °C



INOX

BLICKLE DESIGN LINE

Bracket: LWKX series
- high-quality nylon 6, impact resistant
- moulded corrosion-resistant grooved ball bearing in the swivel head sealed on both sides
- with stainless steel plug-in stem, bolted and secured
- colour grey white RAL 9002
- all parts including axle material are corrosion-resistant
- modern, appealing design

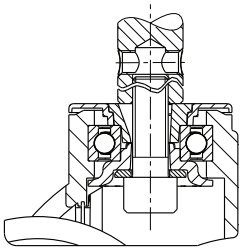
Wheel: TPA series
- tread: high-quality thermoplastic rubber-elastomer (TPE), hardness 85 Shore A, colour grey, non-marking, oil containing
- wheel centre: high-quality polypropylene, impact resistant, colour grey white RAL 9002

Other features:
- the load capacity reduces at ambient temperatures above +30 °C

Additional details:
- bracket series: page 89
- brakes: page 112–113
- wheel series: page 60
- bearing types: page 84–85







Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø (D) [mm]	Stem length [mm]	Ø cross hole [mm]	Position cross hole (H) [mm]	Offset swivel castor [mm]
LWKX-TPA 101G-ZAX51	**LWKX-TPA 101G-FI-ZAX51**	100	32	100	plain bore	135	18	62	M6	30	38
LWKX-TPA 101G-ZAX55	**LWKX-TPA 101G-FI-ZAX55**	100	32	100	plain bore	135	22	45	M8	20	38
LWKX-TPA 101XKF-ZAX51	**LWKX-TPA 101XKF-FI-ZAX51**	100	32	100	ball bearing (C)	135	18	62	M6	30	38
LWKX-TPA 101XKF-ZAX55	**LWKX-TPA 101XKF-FI-ZAX55**	100	32	100	ball bearing (C)	135	22	45	M8	20	38
LWKX-TPA 126G-ZAX51	**LWKX-TPA 126G-FI-ZAX51**	125	32	110	plain bore	160	18	62	M6	30	40
LWKX-TPA 126G-ZAX55	**LWKX-TPA 126G-FI-ZAX55**	125	32	110	plain bore	160	22	45	M8	20	40
LWKX-TPA 126XKF-ZAX51	**LWKX-TPA 126XKF-FI-ZAX51**	125	32	110	ball bearing (C)	160	18	62	M6	30	40
LWKX-TPA 126XKF-ZAX55	**LWKX-TPA 126XKF-FI-ZAX55**	125	32	110	ball bearing (C)	160	22	45	M8	20	40

Additional stem fitting dimensions available upon request

Versions / options







	plain bore version	electrically conductive version, non-marking, grey	in special colour
Technical description page		50	
Product code suffix		**LWKXE-...-ELS**	
Available for		all ball bearing versions*	upon request

* Load capacity of electrically conductive version reduced by 35%

LWGX-TPA series

Blickle WAVE synthetic castors, corrosion-resistant, with bolt hole, colour silver grey, wheel with thermoplastic rubber tread



100–110 kg

-20 °C to +60 °C

Bracket: LWGX series
- high-quality nylon 6, impact resistant
- moulded corrosion-resistant grooved ball bearing in the swivel head sealed on both sides
- bolt hole
- colour silver grey RAL 7001
- all parts including axle material are corrosion-resistant
- modern, appealing design

Wheel: TPA series
- tread: high-quality thermoplastic rubber-elastomer (TPE), hardness 85 Shore A, colour grey, non-marking, oil containing
- wheel centre: high-quality polypropylene, impact resistant, colour silver grey RAL 7001

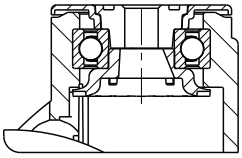
Other features:
- the load capacity reduces at ambient temperatures above +30 °C

Additional details:
- bracket series: page 88
- brakes: page 112–113
- wheel series: page 60
- bearing types: page 84–85

INOX

BLICKLE DESIGN LINE





Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LWGX-TPA 101G	**LWGX-TPA 101G-FI**	100	32	100	plain bore	135	55	13	38
LWGX-TPA 101G-11	**LWGX-TPA 101G-11-FI**	100	32	100	plain bore	135	55	11	38
LWGX-TPA 101XKF	**LWGX-TPA 101XKF-FI**	100	32	100	ball bearing (C)	135	55	13	38
LWGX-TPA 101XKF-11	**LWGX-TPA 101XKF-11-FI**	100	32	100	ball bearing (C)	135	55	11	38
LWGX-TPA 126G	**LWGX-TPA 126G-FI**	125	32	110	plain bore	160	55	13	40
LWGX-TPA 126G-11	**LWGX-TPA 126G-11-FI**	125	32	110	plain bore	160	55	11	40
LWGX-TPA 126XKF	**LWGX-TPA 126XKF-FI**	125	32	110	ball bearing (C)	160	55	13	40
LWGX-TPA 126XKF-11	**LWGX-TPA 126XKF-11-FI**	125	32	110	ball bearing (C)	160	55	11	40

Versions / options *



	plain bore version	electrically-conductive version, non-marking, grey	with threaded pin made from stainless steel M10 x 20	with threaded pin made from stainless steel M12 x 20	with synthetic expander fitting	in special colour
Technical description page		50	104	104	105	
Product code suffix		**LWGXE-...-ELS**	**-GSX10**	**-GSX12**	**see page 168**	
Available for		all ball bearing versions**	all with bolt hole Ø 13 mm	all with bolt hole Ø 13 mm	bolt hole Ø 11 mm upon request***	upon request

* **Other versions / options:** buffers **AW / AG / ARG series**; rotating buffers **-AMWX / -AMGX series** see page 169 (technical information on page 116)
** Load capacity of electrically conductive version reduced by 35%
*** Not for electrically conductive version; Total height +3 mm

LWGX-TPA series

Blickle WAVE synthetic castors, corrosion-resistant, with top plate, colour silver grey, wheel with thermoplastic rubber tread



100–110 kg

-20 °C to +60 °C

Bracket: LWGX series
- high-quality nylon 6, impact resistant
- moulded corrosion-resistant grooved ball bearing in the swivel head sealed on both sides
- with top plate fitting made of stainless steel
- colour silver grey RAL 7001
- all parts including axle material are corrosion-resistant
- modern, appealing design

Wheel: TPA series
- tread: high-quality thermoplastic rubber-elastomer (TPE), hardness 85 Shore A, colour grey, non-marking, oil containing
- wheel centre: high-quality polypropylene, impact resistant, colour silver grey RAL 7001

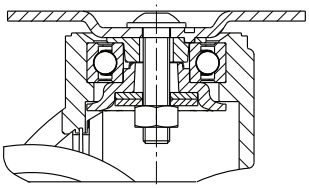
Other features:
- the load capacity reduces at ambient temperatures above +30 °C

Additional details:
- bracket series: page 89
- brakes: page 112–113
- wheel series: page 60
- bearing types: page 84–85

INOX

BLICKLE DESIGN LINE





Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LWGX-TPA 101G-PX25	**LWGX-TPA 101G-FI-PX25**	100	32	100	plain bore	138	90 x 66	75 x 45 / 61 x 51	8.5	38
LWGX-TPA 101XKF-PX25	**LWGX-TPA 101XKF-FI-PX25**	100	32	100	ball bearing (C)	138	90 x 66	75 x 45 / 61 x 51	8.5	38
LWGX-TPA 126G-PX25	**LWGX-TPA 126G-FI-PX25**	125	32	110	plain bore	163	90 x 66	75 x 45 / 61 x 51	8.5	40
LWGX-TPA 126XKF-PX25	**LWGX-TPA 126XKF-FI-PX25**	125	32	110	ball bearing (C)	163	90 x 66	75 x 45 / 61 x 51	8.5	40

Versions / options



	plain bore version	electrically conductive version, non-marking, grey	with plate size 90x66 mm 75x50 mm	in special colour
Technical description page		50	106	
Product code suffix		**LWGXE-...-ELS**	**-PX26**	
Available for		all ball bearing versions*	upon request**	upon request

* Load capacity of electrically conductive version reduced by 35%
** In accordance with DIN 18867-8 (large-scale catering equipment)

LWGX-TPA series

Blickle WAVE synthetic castors, corrosion-resistant, with stem, colour silver grey, wheel with thermoplastic rubber tread

100–110 kg

-20 °C to +60 °C



INOX

BLICKLE DESIGN LINE

Bracket: LWGX series
- high-quality nylon 6, impact resistant
- moulded corrosion-resistant grooved ball bearing in the swivel head sealed on both sides
- with stainless steel plug-in stem, bolted and secured
- colour silver grey RAL 7001
- all parts including axle material are corrosion-resistant
- modern, appealing design

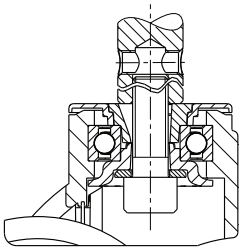
Wheel: TPA series
- tread: high-quality thermoplastic rubber-elastomer (TPE), hardness 85 Shore A, colour grey, non-marking, oil containing
- wheel centre: high-quality polypropylene, impact resistant, colour silver grey RAL 7001

Other features:
- the load capacity reduces at ambient temperatures above +30 °C

Additional details:
- bracket series: page 89
- brakes: page 112–113
- wheel series: page 60
- bearing types: page 84–85







Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø (D) [mm]	Stem length [mm]	Ø cross hole [mm]	Position cross hole (H) [mm]	Offset swivel castor [mm]
LWGX-TPA 101G-ZAX51	**LWGX-TPA 101G-FI-ZAX51**	100	32	100	plain bore	135	18	62	M6	30	38
LWGX-TPA 101G-ZAX55	**LWGX-TPA 101G-FI-ZAX55**	100	32	100	plain bore	135	22	45	M8	20	38
LWGX-TPA 101XKF-ZAX51	**LWGX-TPA 101XKF-FI-ZAX51**	100	32	100	ball bearing (C)	135	18	62	M6	30	38
LWGX-TPA 101XKF-ZAX55	**LWGX-TPA 101XKF-FI-ZAX55**	100	32	100	ball bearing (C)	135	22	45	M8	20	38
LWGX-TPA 126G-ZAX51	**LWGX-TPA 126G-FI-ZAX51**	125	32	110	plain bore	160	18	62	M6	30	40
LWGX-TPA 126G-ZAX55	**LWGX-TPA 126G-FI-ZAX55**	125	32	110	plain bore	160	22	45	M8	20	40
LWGX-TPA 126XKF-ZAX51	**LWGX-TPA 126XKF-FI-ZAX51**	125	32	110	ball bearing (C)	160	18	62	M6	30	40
LWGX-TPA 126XKF-ZAX55	**LWGX-TPA 126XKF-FI-ZAX55**	125	32	110	ball bearing (C)	160	22	45	M8	20	40

Additional stem fitting dimensions available upon request

Versions / options



	plain bore version	electrically conductive version, non-marking, grey	in special colour
Technical description page		50	
Product code suffix		**LWGXE-...-ELS**	
Available for		all ball bearing versions*	upon request

* Load capacity of electrically conductive version reduced by 35%

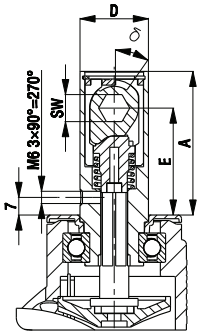
Versions / options
for Blickle WAVE synthetic castors

“central-stop” central brake with stem

Product code suffix	Stem height (A) [mm]	Operating angle (δ)	Stem Ø (D) [mm]	Clearance between top plate and centre of hexagon (E) [mm]	Width across flats (SW) [mm]
-CS11	58.5	35 °	28	43.5	11

CENTRAL STOP





This brake system provides friction-locking for the swivel head and wheel.
It is actuated using a central lever that connects to the brake linkage on the unit.

The advantages at a glance:
- Small operating angle with little force required to actuate and release the brake.
- Space-saving design with brake mechanism integrated into the zinc-plated stem, blue-passivated, Cr6-free.
- Central actuation of two to four castors possible using brake linkage. This provides a high level of flexibility in terms of how the brake lever is designed and positioned.
- The friction-locking ensures that the brake is not damaged if the brake forces are exceeded.

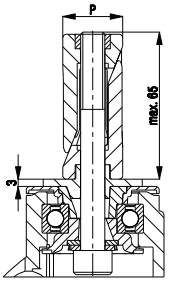
Available for all Blickle WAVE synthetic castors (with the exception of the corrosion-resistant version).

Synthetic expander fitting for round tubes

Product code suffix	Product code suffix corrosion-resistant version	Internal tube dimension (P) [mm]
-ER52	-EXR52	Ø 20–25
-ER53	-EXR53	Ø 25–30
-ER54	-EXR54	Ø 30–35
-ER55	-EXR55	Ø 35–40

Available for all Blickle WAVE synthetic castors with bolt hole Ø 11 mm with the exception of the electrically conductive version.
Castor and expander secured to prevent loosening with positive locking.
Maximum fitting length is 65 mm.
Increases total height of castors by 3 mm.
Detailed description: page 105



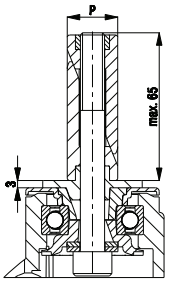


Synthetic expander fitting for square tubes

Product code suffix	Product code suffix corrosion-resistant version	Internal tube dimension (P) [mm]
-EV52	-EXV52	□ 18–21
-EV53	-EXV53	□ 21–25
-EV54	-EXV54	□ 25–29
-EV55	-EXV55	□ 29–32
-EV57	-EXV57	□ 32–38.5

Available for all Blickle WAVE synthetic castors with bolt hole Ø 11 mm with the exception of the electrically conductive version. Castor and expander secured to prevent loosening with positive locking.
Maximum fitting length is 65 mm.
Increases total height of castors by 3 mm.
Detailed description: page 105



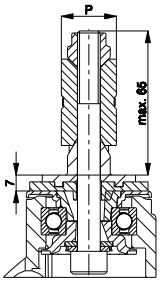


Metal expander fitting for round and square tubes

Product code suffix	Internal tube dimension round tube (P) [mm]	Internal tube dimension square tube (P) [mm]
-E51	Ø 17–19	□ 17–19
-E52	Ø 20–25	□ 18–21
-E53	Ø 25–30	□ 21–25
-E54	Ø 30–35	□ 25–29
-E55	Ø 35–40	□ 29–32
-E57	Ø 39–45	□ 32–38.5

Available for all Blickle WAVE synthetic castors with bolt hole Ø 11 mm with the exception of the corrosion-resistant version.
Castor and expander secured to prevent loosening with positive locking.
Maximum fitting length is 65 mm.
Increases total height of castors by 7 mm.
Detailed description: page 105





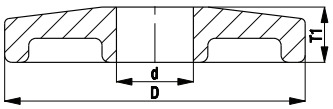
Versions / options
for Blickle WAVE synthetic castors

Buffers for round and square tubes

Product code Synthetic (Polyethylene)	Product code Solid rubber	Wheel Ø (D) [mm]	Wheel width (T1) [mm]	Hole (d) [mm]
Colour grey white				
AW 100/R25		100	17.5	Ø 25
AW 100/V25		100	17.5	□ 25 x 25
AW 125/R25		125	17.5	Ø 25
AW 125/V25		125	17.5	□ 25 x 25
Colour silver grey				
AG 100/R25		100	17.5	Ø 25
AG 100/V25		100	17.5	□ 25 x 25
AG 125/R25		125	17.5	Ø 25
AG 125/V25		125	17.5	□ 25 x 25
Colour grey				
	ARG 75/R10	75	23	Ø 10
	ARG 100/R26	100	23	Ø 26
	ARG 100/R32	100	23	Ø 32
	ARG 125/R26	125	23	Ø 26
	ARG 125/R32	125	23	Ø 32

Buffers reduce the risk of damage to walls and vehicles in the event of a collision. Buffers for round and square tubes are fixed or connected to tubular frames in the external areas of vehicles.
AW/AG series:
Made from soft synthetic polyethylene, hardness 48 Shore D, non-marking, colour grey white RAL 9002 **(AW)** or colour silver grey RAL 7001 **(AG)**.
ARG series:
Made from solid rubber, hardness 75 Shore A, colour grey (similar to RAL 7001), non-marking.
Detailed description: Page 116





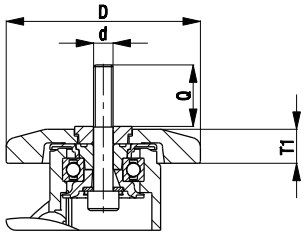
Synthetic rotating buffers (polyethylene)

Product code suffix Zinc-plated bolt	Product code suffix Corrosion-resistant bolt	Wheel Ø (D) [mm]	Wheel width (T1) [mm]	Threaded pin (Ø x height) (d x Q) [mm]
Colour grey white				
-AMW100	**-AMWX100**	100	17.5	M10 x 27
-AMW125	**-AMWX125**	125	17.5	M10 x 27
Colour silver grey				
-AMG100	**-AMGX100**	100	17.5	M10 x 27
-AMG125	**-AMGX125**	125	17.5	M10 x 27

Other dimensions and special colours available upon request.

Buffers reduce the risk of damage to walls and vehicles in the event of a collision. Rotating buffers prevent grinding against walls in the event of a collision.
-AMW/-AMG series:
Made of soft polyethylene, hardness 48 Shore D, non-marking, with high strength synthetic plain bore bush, colour grey white RAL 9002 **(-AMW)** or colour silver grey RAL 7001 **(-AMG)**.
Buffers are connected directly to the synthetic castors using a zinc-plated **(-AMW/-AMG)** or corrosion-resistant **(-AMWX/-AMGX)** DIN 912 bolt.
Synthetic castors with rotating buffers are fitted to the unit with the protruding bolt (threaded pin).
Available for all Blickle WAVE synthetic castors with Ø 11 mm bolt hole.
Increases total height of castors by 9 mm.
Detailed description: page 116





LKDG-PUA series

Twin synthetic castors, colour light grey, wheels with thermoplastic polyurethane tread

110 kg

-20 °C to +70 °C



Bracket: LKDG series
- high-quality nylon 6, impact resistant
- high-quality synthetic plain bore in the swivel head
- zinc-plated steel threaded pin
- colour light grey RAL 7035

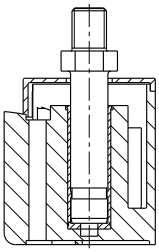
Wheel: PUA series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 92 Shore A, colour black, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour light grey RAL 7035

Other features:
- operating temperature: temporarily up to +80 °C
- the load capacity reduces at ambient temperatures above +30 °C

Additional details:
- bracket series: page 89
- brakes: page 112–113
- bearing types: page 84–85

BLICKLE DESIGN LINE





Swivel castors	Swivel castors with "Radstop" brake	Wheel Ø [mm]	Wheel width [mm]	Total castor width [mm]	Load capacity [kg]	Bearing type	Total height incl. hexagon [mm]	Threaded pin [mm]	Offset swivel castor [mm]
LKDG-PUA 100G	**LKDG-PUA 100G-RA**	100	2 x 19	63	110	plain bore	121	M12 x 20	33

Versions / options



	with zinc-plated steel top plate fitting 60x60 mm 38x38/46x46 mm	corrosion-resistant version	in special colour
Technical description page	106		
Product code suffix	**-P23**		
Available for	all*	upon request	upon request

* Total height +2 mm

LKDB-PUA series

Twin synthetic castors, colour black, wheels with thermoplastic polyurethane tread



50–110 kg

-20 °C to +70 °C

Bracket: LKDB series
- high-quality nylon 6, impact resistant
- high-quality synthetic plain bore in the swivel head
- zinc-plated steel threaded pin
- colour black RAL 9005

Wheel: PUA series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 92 Shore A, colour black, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour black RAL 9005

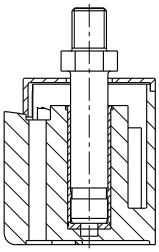
Other features:
- operating temperature: temporarily up to +80 °C
- the load capacity reduces at ambient temperatures above +30 °C

Additional details:
- bracket series: page 89
- brakes: page 112–113
- bearing types: page 84–85

BLICKLE DESIGN LINE







Swivel castors	Swivel castors with "Radstop" brake	Wheel Ø [mm]	Wheel width [mm]	Total castor width [mm]	Load capacity [kg]	Bearing type	Total height incl. hexagon [mm]	Threaded pin [mm]	Offset swivel castor [mm]
LKDB-PUA 50G	**LKDB-PUA 50G-RA**	50	2 x 12	51	50	plain bore	61	M8 x 15	20
LKDB-PUA 75G	**LKDB-PUA 75G-RA**	75	2 x 15	55	75	plain bore	83	M10 x 15	24
LKDB-PUA 100G	**LKDB-PUA 100G-RA**	100	2 x 19	63	110	plain bore	121	M12 x 20	33

Castors are not approved for office chairs.

Versions / options



	image LKDB-PUA 50G-RA	electrically conductive version, colour black, non-marking, hardness 98 Shore A	with plug-in pin Ø 11 x 19.5	with zinc-plated steel top plate fitting 38x38 mm 25x25/27x27 mm	with zinc-plated steel top plate fitting 60x60 mm 38x38/46x46 mm	corrosion-resistant version	in special colour
Technical description page		50	105	106	106		
Product code suffix		**-ELS**	**-ES**	**-P20**	**-P23**		
Available for		all	wheel Ø 50–75 mm*	wheel Ø 50–75 mm**	wheel Ø 75–100 mm***	upon request	upon request

* Total height -3 mm
** Total height +5 mm
*** Total height wheel Ø 75 +5 mm, wheel Ø 100 +2 mm

LKD-PATH series

Blickle MOVE twin synthetic castors with bolt hole, colour grey white, wheel with thermoplastic polyurethane tread



100–125 kg

-20 °C to +60 °C

Bracket: LKD series
- high-quality nylon 6, impact resistant
- two grooved ball bearings in the swivel head sealed on both sides
- bolt hole
- colour grey white RAL 9002
- modern, appealing design

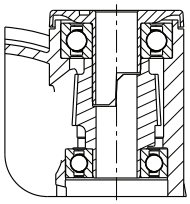
Wheel: PATH series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A, colour dark grey, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour grey white RAL 9002

Other features:
- the load capacity reduces at ambient temperatures above +30 °C

Additional details:
- bracket series: page 89
- brakes: page 112–113
- wheel series: page 61
- bearing types: page 84–85

BLICKLE DESIGN LINE





Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Total castor width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LKD-PATH 100K	**LKD-PATH 100K-FI**	100	2 x 18	80	100	ball bearing	103	42	13	31
LKD-PATH 100K-11	**LKD-PATH 100K-11-FI**	100	2 x 18	80	100	ball bearing	103	42	11	31
LKD-PATH 100K-9	**LKD-PATH 100K-9-FI**	100	2 x 18	80	100	ball bearing	103	42	9	31
LKD-PATH 125K	**LKD-PATH 125K-FI**	125	2 x 20	80	125	ball bearing	130	42	13	40
LKD-PATH 125K-11	**LKD-PATH 125K-11-FI**	125	2 x 20	80	125	ball bearing	130	42	11	40

For corrosion-resistant versions of twin synthetic castors, see page 176
Swivel castor with "stop-fix" brake with easy release kick lever as standard

Versions / options *



	electrically-conductive version, non-marking grey	with combined wheel brake and directional lock (1 x 360°)	castor with special mounting height 121 / 135 mm	with threaded pin M10 x 20 M12 x 20	wheel Ø 150 mm	with top plate fitting	in special colour
Technical description page	50	115		104		106	
Product code suffix	**-ELS**	**-RIFI**	**LKDH-...**	**-GS10 / -GS12**		**-P25 / -P26**	
Available for	all	wheel Ø 125 mm	wheel Ø 100 / 125 mm	all with bolt hole Ø 13 mm	upon request	upon request**	upon request

* **Other versions / options:** expander fitting for all castors with bolt hole Ø 11 mm upon request (with exception of LKDH version), total height +5 mm, see page 180
** Increases total height of castors by 8 mm

LKD-PATH series

Blickle MOVE twin synthetic castors with stem, colour grey white, wheel with thermoplastic polyurethane tread



100–125 kg

-20 °C to +60 °C

Bracket: LKD series
- high-quality nylon 6, impact resistant
- two grooved ball bearings in the swivel head sealed on both sides
- zinc-plated, blue-passivated steel plug-in stem (Cr6-free), bolted and secured
- colour grey white RAL 9002
- modern, appealing design

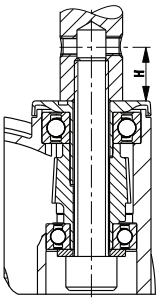
Wheel: PATH series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A, colour dark grey, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour grey white RAL 9002

Other features:
- the load capacity reduces at ambient temperatures above +30 °C

Additional details:
- bracket series: page 90
- brakes: page 112–113
- wheel series: page 61
- bearing types: page 84–85

BLICKLE DESIGN LINE





Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Total castor width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø [mm]	Stem length [mm]	Ø cross hole [mm]	Position cross hole (H) [mm]	Offset swivel castor [mm]
LKD-PATH 100K-ZA51	**LKD-PATH 100K-FI-ZA51**	100	2 x 18	80	100	ball bearing	103	18	62	M6	30	31
LKD-PATH 100K-ZA55	**LKD-PATH 100K-FI-ZA55**	100	2 x 18	80	100	ball bearing	103	22	45	M8	20	31
LKD-PATH 125K-ZA51	**LKD-PATH 125K-FI-ZA51**	125	2 x 20	80	125	ball bearing	130	18	62	M6	30	40
LKD-PATH 125K-ZA55	**LKD-PATH 125K-FI-ZA55**	125	2 x 20	80	125	ball bearing	130	22	45	M8	20	40

For corrosion-resistant versions of twin synthetic castors, see page 177

Swivel castor with "stop-fix" brake with easy release kick lever as standard

Versions / options



	electrically conductive version, non-marking grey	with combined wheel brake and directional lock (1 x 360°)	castor with special mounting height 121 / 135 mm	wheel Ø 150 mm	in special colour
Technical description page	50	115			
Product code suffix	**-ELS**	**-RIFI**	**LKDH-...**		
Available for	all	wheel Ø 125 mm	wheel Ø 100 / 125 mm	upon request	upon request

LKDG-PATH series

Blickle MOVE twin synthetic castors with bolt hole, colour silver grey, wheel with thermoplastic polyurethane tread



100–125 kg

-20 °C to +60 °C

Bracket: LKDG series
- high-quality nylon 6, impact resistant
- two grooved ball bearings in the swivel head sealed on both sides
- bolt hole
- colour silver grey RAL 7001
- modern, appealing design

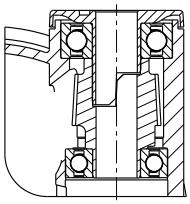
Wheel: PATH series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A, colour dark grey, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour silver grey RAL 7001

Other features:
- the load capacity reduces at ambient temperatures above +30 °C

Additional details:
- bracket series: page 89
- brakes: page 112–113
- wheel series: page 61
- bearing types: page 84–85

BLICKLE DESIGN LINE





Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Total castor width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LKDG-PATH 100K	**LKDG-PATH 100K-FI**	100	2 x 18	80	100	ball bearing	103	42	13	31
LKDG-PATH 100K-11	**LKDG-PATH 100K-11-FI**	100	2 x 18	80	100	ball bearing	103	42	11	31
LKDG-PATH 100K-9	**LKDG-PATH 100K-9-FI**	100	2 x 18	80	100	ball bearing	103	42	9	31
LKDG-PATH 125K	**LKDG-PATH 125K-FI**	125	2 x 20	80	125	ball bearing	130	42	13	40
LKDG-PATH 125K-11	**LKDG-PATH 125K-11-FI**	125	2 x 20	80	125	ball bearing	130	42	11	40

For corrosion-resistant versions of twin synthetic castors, see page 178
Swivel castor with "stop-fix" brake with easy release kick lever as standard

Versions / options *



	electrically conductive version, non-marking	with combined wheel brake and directional lock (1 x 360°)	castor with special mounting height 121 / 135 mm	with threaded pin M10 x 20 M12 x 20	wheel Ø 150 mm	with top plate fitting	in special colour
Technical description page	50	115		104		106	
Product code suffix	**-ELS**	**-RIFI**	**LKDGH-...**	**-GS10 / -GS12**		**-P25 / -P26**	
Available for	all	wheel Ø 125 mm	wheel Ø 100 / 125 mm	all with bolt hole Ø 13 mm	upon request	upon request**	upon request

* **Other versions / options:** expander fitting for all castors with bolt hole Ø 11 mm upon request (with exception of LKDGH version), total height +5 mm, see page 180
** Increases total height of castors by 8 mm

LKDG-PATH series

Blickle MOVE twin synthetic castors with stem, colour silver grey, wheel with thermoplastic polyurethane tread



100–125 kg

-20 °C to +60 °C

Bracket: LKDG series
- high-quality nylon 6, impact resistant
- two grooved ball bearings in the swivel head sealed on both sides
- zinc-plated, blue-passivated steel plug-in stem (Cr6-free), bolted and secured
- colour silver grey RAL 7001
- modern, appealing design

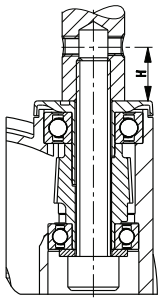
Wheel: PATH series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A, colour dark grey, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour silver grey RAL 7001

Other features:
- the load capacity reduces at ambient temperatures above +30 °C

Additional details:
- bracket series: page 89
- brakes: page 112–113
- wheel series: page 61
- bearing types: page 84–85

BLICKLE DESIGN LINE



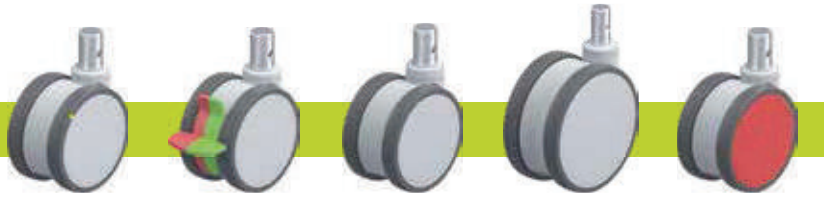


Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Total castor width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø [mm]	Stem length [mm]	Ø cross hole [mm]	Position cross hole (H) [mm]	Offset swivel castor [mm]
LKDG-PATH 100K-ZA51	**LKDG-PATH 100K-FI-ZA51**	100	2 x 18	80	100	ball bearing	103	18	62	M6	30	31
LKDG-PATH 100K-ZA55	**LKDG-PATH 100K-FI-ZA55**	100	2 x 18	80	100	ball bearing	103	22	45	M8	20	31
LKDG-PATH 125K-ZA51	**LKDG-PATH 125K-FI-ZA51**	125	2 x 80	80	125	ball bearing	130	18	62	M6	30	40
LKDG-PATH 125K-ZA55	**LKDG-PATH 125K-FI-ZA55**	125	2 x 80	80	125	ball bearing	130	22	45	M8	20	40

For corrosion-resistant versions of twin synthetic castors, see page 179

Swivel castor with "stop-fix" brake with easy release kick lever as standard

Versions / options



	electrically conductive version, non-marking grey	with combined wheel brake and directional lock (1 x 360°)	castor with special mounting height 121 / 135 mm	wheel Ø 150 mm	in special colour
Technical description page	50	115			
Product code suffix	**-ELS**	**-RIFI**	**LKDGH-...**		
Available for	all	wheel Ø 125 mm	wheel Ø 100 / 125 mm	upon request	upon request

LKDX-PATH series

Blickle MOVE twin synthetic castors, corrosion-resistant, with bolt hole, colour grey white, wheel with thermoplastic polyurethane tread



100–125 kg

-20 °C to +60 °C

Bracket: LKDX series
- high-quality nylon 6, impact resistant
- two corrosion-resistant grooved ball bearings in swivel head sealed on both sides
- bolt hole
- colour grey white RAL 9002
- all parts including axle material are corrosion-resistant
- modern, appealing design

Wheel: PATH series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A, colour dark grey, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour grey white RAL 9002

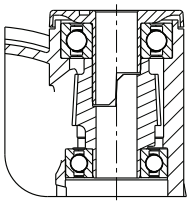
Other features:
- the load capacity reduces at ambient temperatures above +30 °C

Additional details:
- bracket series: page 90
- brakes: page 112–113
- wheel series: page 61
- bearing types: page 84–85

INOX

BLICKLE DESIGN LINE





Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Total castor width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LKDX-PATH 100XK	**LKDX-PATH 100XK-FI**	100	2 x 18	80	100	ball bearing	103	42	13	31
LKDX-PATH 100XK-11	**LKDX-PATH 100XK-11-FI**	100	2 x 18	80	100	ball bearing	103	42	11	31
LKDX-PATH 100XK-9	**LKDX-PATH 100XK-9-FI**	100	2 x 18	80	100	ball bearing	103	42	9	31
LKDX-PATH 125XK	**LKDX-PATH 125XK-FI**	125	2 x 20	80	125	ball bearing	130	42	13	40
LKDX-PATH 125XK-11	**LKDX-PATH 125XK-11-FI**	125	2 x 20	80	125	ball bearing	130	42	11	40

Swivel castor with "stop-fix" brake with easy release kick lever as standard

Versions / options *



	electrically conductive version, non-marking	with combined wheel brake and directional lock (1 x 360°)	castor with special mounting height 121 / 135 mm	with threaded pin made from stainless steel M10 x 20 M12 x 20	wheel Ø 150 mm	with stainless steel top plate fitting	in special colour
Technical description page	50	115		104		106	
Product code suffix	**-ELS**	**-RIFI**	**LKDXH-...**	**-GSX10 / -GSX12**		**-PX25 / -PX26**	
Available for	all	wheel Ø 125 mm	wheel Ø 100 / 125 mm	all with bolt hole Ø 13 mm	upon request	upon request**	upon request

* **Other versions / options:** expander fitting for all castors with bolt hole Ø 11 mm upon request (with exception of LKDXH version), total height +5 mm, see page 180

** Increases total height of castors by 8 mm

LKDX-PATH series

Blickle MOVE twin synthetic castors, corrosion-resistant, with stem, colour grey white, wheel with thermoplastic polyurethane tread



100–125 kg

-20 °C to +60 °C

Bracket: LKDX series
- high-quality nylon 6, impact resistant
- two corrosion-resistant grooved ball bearings in swivel head sealed on both sides
- with stainless steel plug-in stem, bolted and secured
- colour grey white RAL 9002
- all parts including axle material are corrosion-resistant
- modern, appealing design

Wheel: PATH series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A, colour dark grey, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour grey white RAL 9002

Other features:
- the load capacity reduces at ambient temperatures above +30 °C

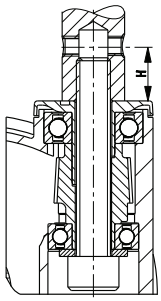
Additional details:
- bracket series: page 90
- brakes: page 112–113
- wheel series: page 61
- bearing types: page 84–85

INOX

BLICKLE DESIGN LINE







Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Total castor width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø [mm]	Stem length [mm]	Ø cross hole [mm]	Position cross hole (H) [mm]	Offset swivel castor [mm]
LKDX-PATH 100XK-ZAX51	**LKDX-PATH 100XK-FI-ZAX51**	100	2 x 18	80	100	ball bearing	103	18	62	M6	30	31
LKDX-PATH 100XK-ZAX55	**LKDX-PATH 100XK-FI-ZAX55**	100	2 x 18	80	100	ball bearing	103	22	45	M8	20	31
LKDX-PATH 125XK-ZAX51	**LKDX-PATH 125XK-FI-ZAX51**	125	2 x 20	80	125	ball bearing	130	18	62	M6	30	40
LKDX-PATH 125XK-ZAX55	**LKDX-PATH 125XK-FI-ZAX55**	125	2 x 20	80	125	ball bearing	130	22	45	M8	20	40

Swivel castor with "stop-fix" brake with easy release kick lever as standard

Versions / options



	electrically conductive version, non-marking	with combined wheel brake and directional lock (1 x 360°)	castor with special mounting height 121 / 135 mm	wheel Ø 150 mm	in special colour
Technical description page	50	115			
Product code suffix	**-ELS**	**-RIFI**	**LKDXH-...**		
Available for	all	wheel Ø 125 mm	wheel Ø 100 / 125 mm	upon request	upon request

LKDGX-PATH series

Blickle MOVE twin synthetic castors, corrosion-resistant, with bolt hole, colour silver grey, wheel with thermoplastic polyurethane tread



100–125 kg

-20 °C to +60 °C

Bracket: LKDGX series
- high-quality nylon 6, impact resistant
- two corrosion-resistant grooved ball bearings in swivel head sealed on both sides
- bolt hole
- colour silver grey RAL 7001
- all parts including axle material are corrosion-resistant
- modern, appealing design

Wheel: PATH series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A, colour dark grey, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour silver grey RAL 7001

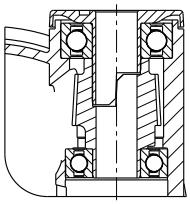
Other features:
- the load capacity reduces at ambient temperatures above +30 °C

Additional details:
- bracket series: page 90
- brakes: page 112–113
- wheel series: page 61
- bearing types: page 84–85

INOX

BLICKLE DESIGN LINE





Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Total castor width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LKDGX-PATH 100XK	**LKDGX-PATH 100XK-FI**	100	2 x 18	80	100	ball bearing	103	42	13	31
LKDGX-PATH 100XK-11	**LKDGX-PATH 100XK-11-FI**	100	2 x 18	80	100	ball bearing	103	42	11	31
LKDGX-PATH 100XK-9	**LKDGX-PATH 100XK-9-FI**	100	2 x 18	80	100	ball bearing	103	42	9	31
LKDGX-PATH 125XK	**LKDGX-PATH 125XK-FI**	125	2 x 20	80	125	ball bearing	130	42	13	40
LKDGX-PATH 125XK-11	**LKDGX-PATH 125XK-11-FI**	125	2 x 20	80	125	ball bearing	130	42	11	40

Swivel castor with "stop-fix" brake with easy release kick lever as standard

Versions / options *



	electrically conductive version, non-marking	with combined wheel brake and directional lock (1 x 360°)	castor with special mounting height 121 / 135 mm	with threaded pin made from stainless steel M10 x 20 M12 x 20	wheel Ø 150 mm	with stainless steel top plate fitting	in special colour
Technical description page	50	115		104		106	
Product code suffix	**-ELS**	**-RIFI**	**LKDGXH-...**	**-GSX10 / -GSX12**		**-PX25 / -PX26**	
Available for	all	wheel Ø 125 mm	wheel Ø 100 / 125 mm	all with bolt hole Ø 13 mm	upon request	upon request	upon request

* **Other versions / options:** expander fitting for all castors with bolt hole Ø 11 mm upon request (with exception of LKDGXH version), total height +5 mm, see page 180

LKDGX-PATH series

Blickle MOVE twin synthetic castors, corrosion-resistant, with stem, colour silver grey, wheel with thermoplastic polyurethane tread



100–125 kg

-20 °C to +60 °C

Bracket: LKDGX series
- high-quality nylon 6, impact resistant
- two corrosion-resistant grooved ball bearings in swivel head sealed on both sides
- with stainless steel plug-in stem, bolted and secured
- colour silver grey RAL 7001
- all parts including axle material are corrosion-resistant
- modern, appealing design

Wheel: PATH series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A, colour dark grey, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour silver grey RAL 7001

Other features:
- the load capacity reduces at ambient temperatures above +30 °C

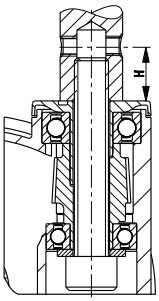
Additional details:
- bracket series: page 90
- brakes: page 112–113
- wheel series: page 61
- bearing types: page 84–85

INOX

BLICKLE DESIGN LINE







Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Total castor width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø [mm]	Stem length [mm]	Ø cross hole [mm]	Position cross hole (H) [mm]	Offset swivel castor [mm]
LKDGX-PATH 100XK-ZAX51	**LKDGX-PATH 100XK-FI-ZAX51**	100	2 x 18	80	100	ball bearing	103	18	62	M6	30	31
LKDGX-PATH 100XK-ZAX55	**LKDGX-PATH 100XK-FI-ZAX55**	100	2 x 18	80	100	ball bearing	103	22	45	M8	20	31
LKDGX-PATH 125XK-ZAX51	**LKDGX-PATH 125XK-FI-ZAX51**	125	2 x 20	80	125	ball bearing	130	18	62	M6	30	40
LKDGX-PATH 125XK-ZAX55	**LKDGX-PATH 125XK-FI-ZAX55**	125	2 x 20	80	125	ball bearing	130	22	45	M8	20	40

Swivel castor with "stop-fix" brake with easy release kick lever as standard

Versions / options



	electrically conductive version, non-marking	with combined wheel brake and directional lock (1 x 360°)	castor with special mounting height 121 / 135 mm	wheel Ø 150 mm	in special colour
Technical description page	50	115			
Product code suffix	**-ELS**	**-RIFI**	**LKDGXH-...**		
Available for	all	wheel Ø 125 mm	wheel Ø 100 / 125 mm	upon request	upon request

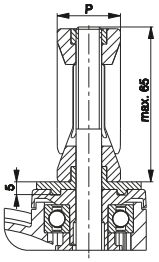
Versions / options
for Blickle MOVE twin synthetic castors

Synthetic expander fitting for round tubes

Product code suffix	Product code suffix Corrosion-resistant version	Internal tube dimension (P) [mm]
-ER62	-EXR62	Ø 20–25
-ER63	-EXR63	Ø 25–30
-ER64	-EXR64	Ø 30–35
-ER65	-EXR65	Ø 35–40

Available for all Blickle MOVE twin synthetic castors with the exception of the electrically conductive version. Castor and expander secured to prevent loosening with positive locking.
Maximum fitting length is 65 mm.
Increases total height of castors by 5 mm.
Detailed description: page 105



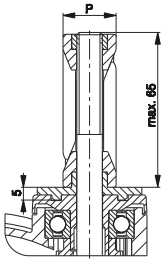


Synthetic expander fitting for square tubes

Product code suffix	Product code suffix Corrosion-resistant version	Internal tube dimension (P) [mm]
-EV62	-EXV62	□ 18–21
-EV63	-EXV63	□ 21–25
-EV64	-EXV64	□ 25–29
-EV65	-EXV65	□ 29–32
-EV67	-EXV67	□ 32–38.5

Available for all Blickle MOVE twin synthetic castors with the exception of the electrically conductive version. Castor and expander secured to prevent loosening with positive locking.
Maximum fitting length is 65 mm.
Increases total height of castors by 5 mm.
Detailed description: page 105



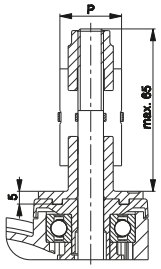


Metal expander fitting for round and square tubes

Product code suffix	Internal tube dimension round tube (P) [mm]	Internal tube dimension square tube (P) [mm]
-E61	Ø 17–19	□ 17–19
-E62	Ø 20–25	□ 18–21
-E63	Ø 25–30	□ 21–25
-E64	Ø 30–35	□ 25–29
-E65	Ø 35–40	□ 29–32
-E67	Ø 39–45	□ 32–38.5

Available for all Blickle MOVE twin synthetic castors with the exception of the corrosion-resistant version.
Castor and expander secured to prevent loosening with positive locking.
Maximum fitting length is 65 mm.
Increases total height of castors by 5 mm.
Detailed description: page 105





Versions / options
for Blickle MOVE twin synthetic castors

Top plate fittings for Blickle MOVE twin synthetic castors

Product code suffix	Product code suffix Stainless steel version	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]
-P25	-PX25	90 x 66	75 x 45 / 61 x 51	8.5
-P26	-PX26	90 x 66	75 x 50	8.5

Top plate fitting in zinc-plated, blue-passivated design (Cr6-free) or corrosion-resistant design.
Available upon request.

Plate no. 25

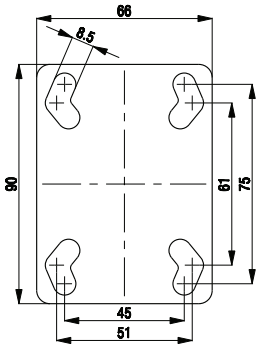
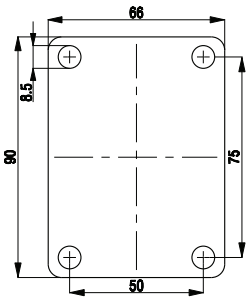


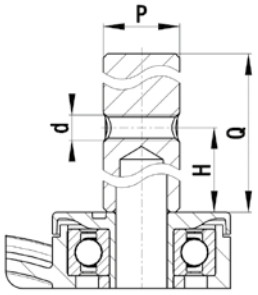
Plate no. 26



Stem fitting for Blickle MOVE twin synthetic castors

Product code suffix	Product code suffix Stainless steel version	Stem Ø P [mm]	Stem length Q [mm]	Ø Cross hole d [mm]	Position cross hole H [mm]
-ZA51	-ZAX51	18	62	M6	30
-ZA55	-ZAX55	22	45	M8	20





The castor is fitted using a plug-in stem, which is inserted into a corresponding tube or hole and secured. The stem fitting is fixed to the castor and a fixing bolt (cross hole) or clamp must be used to prevent it rotating or falling out.

The load capacities specified here can only be reached if the top plate of the swivel castor is completely supported by the entire diameter.

A stainless steel plug-in stem fitting is available for corrosion-resistant swivel castors.
The aforementioned dimensions must be taken into consideration when selecting the fitting with a stem.



3

Wheels and castors with rubber tyres



Selection tool

Wheels and castors with rubber tyres








Series	TPA	VPP	VE	V	VWPP	VW
Category	Standard rubber					
Tread / tyre	Thermoplastic rubber-elastomer (TPE)	Standard solid rubber			Soft rubber “Blickle Soft”	
Tread and tyre hardness	85 Shore A	80 Shore A	80 Shore A	80 Shore A	50 Shore A	50 Shore A
Non-marking	✔	optional	optional	optional	optional	optional
Electrical conductivity	optional	–	optional	optional	–	–
Wheel centre / rim	polypropylene	polypropylene	pressed steel	pressed steel (impact-optimised)	polypropylene	pressed steel (impact-optimised)
Wheel Ø	80–200 mm	80–400 mm	80–200 mm	80–400 mm	125–260 mm	125–260 mm
Load capacity up to	250 kg	350 kg	205 kg	800 kg	200 kg	200 kg
Rolling resistance	■■■■□	■■□□□	■■□□□	■■□□□	■■■□□	■■■□□
Smooth operation and floor preservation	■■■□□	■■■■□	■■■■□	■■■■□	■■■■■	■■■■■
Speeds up to	4 km/h	4 km/h	4 km/h	4 km/h	4 km/h	4 km/h
For a description of the wheel, refer to	page 186	page 189–190	page 195	page 199–200	page 202	page 204
For information about swivel and fixed castors, refer to	page 187–188	page 191–194	page 196–198	page 201	page 203	page 205

■■■■■ excellent ■■■■ very good ■■■ good ■■ satisfactory ■ adequate ✔ yes – no









RD	POES / ALES	POEV	ALEV	SE	GEV	DS
Premium Rubber						
Two component solid rubber “Blickle Comfort”	Elastic solid rubber “Blickle SoftMotion”	Elastic solid rubber, smooth rolling quality, “Blickle EasyRoll”			Elastic solid rubber, smooth rolling quality	
65 Shore A	55 Shore A	65 Shore A	65 Shore A	65 Shore A	65 Shore A	65 Shore A
optional	✔	optional	optional	optional	optional	–
–	–	upon request	optional	–	–	–
pressed steel (impact-optimised)	POES: nylon ALES: aluminium	nylon	aluminium	nylon (wheel Ø 80–125 mm) or pressed steel	grey cast iron	welded steel construction
100–280 mm	80–250 mm	60–300 mm	100–250 mm	80–415 mm	250–620 mm	300–500 mm
650 kg	440 kg	650 kg	650 kg	1,150 kg	4,540 kg	4,580 kg
4 km/h	POES: 4 km/h ALES: 10 km/h	4 km/h	10 km/h	10 km/h	16 km/h	16 km/h
page 206	page 209	page 212–213	page 221	page 228	page 234	page 236
page 207–208	page 210–211	page 214–220	page 222–227	page 229–233	page 235	–

Blickle®

TPA series

Wheels with thermoplastic rubber tread, with polypropylene wheel centre



100–250 kg

Tread and tyre hardness
85 Shore A

Smooth operation / floor preservation
good

Rolling resistance
very good

Wear resistance
satisfactory

3

Tread:
- high-quality thermoplastic rubber-elastomer (TPE), hardness 85 Shore A
- low rolling and swivel resistance
- colour grey, non-marking
- chemically-bonded inseparable connection with the wheel centre

Wheel centre:
- high-quality polypropylene, impact resistant
- colour silver grey ("-ELS" version colour black)

Other features:
- KF version: with synthetic thread guard, large
- very high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +60 °C, reduced load capacity over +30 °C
- tread contains oil, may stain sensitive surfaces. alternatives: series VPP, POES, POEV

Additional details:
- wheel series: page 60
- tread: page 52
- bearing types: page 84–85
- chemical resistance: page 51

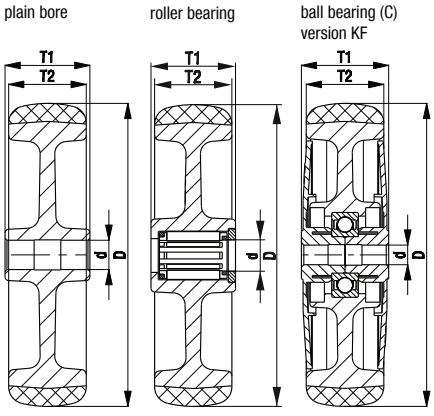
Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
TPA 80/12G	80	32	100	plain bore	12	35
TPA 80/8KF	80	32	100	ball bearing (C)	8	36
TPA 102/12G	100	32	110	plain bore	12	45
TPA 102/8KF	100	32	110	ball bearing (C)	8	46
TPA 127/12G	125	32	125	plain bore	12	45
TPA 127/8KF	125	32	125	ball bearing (C)	8	46
TPA 160/20G	160	40	200	plain bore	20	60
TPA 160/20R	160	40	200	roller bearing	20	60
TPA 200/20G	200	40	250	plain bore	20	60
TPA 200/20R	200	40	250	roller bearing	20	60

For other dimensions, see page 122

Versions / options *



	ball bearing version	electrically conductive version, non-marking grey	large thread guard with additional ball bearing seals
Technical description page		50	85
Product code suffix		**-ELS**	**-KFD**
Available for		all plain bore and ball bearing versions**	all ball bearing versions



* **Other versions / options:** stainless steel roller bearing (**-XR**), available for all roller bearing versions (see page 84 for technical information)

** Wheel load capacity of electrically conductive version reduced by 35%

LE-TPA, B-TPA series

Pressed steel castors with top plate, wheel with thermoplastic rubber tread

100–250 kg



Bracket: LE/B series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

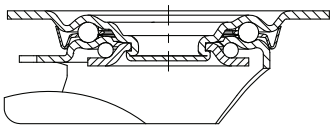
Wheel: TPA series
- tread: high-quality thermoplastic rubber-elastomer (TPE), hardness 85 Shore A, colour grey, non-marking, oil containing
- wheel centre: high-quality polypropylene, impact resistant, colour silver grey ("-ELS" version colour black)

Additional details:
- bracket series: page 90
- brakes: page 112–113
- wheel series: page 186
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LE-TPA 80G	**B-TPA 80G**	**LE-TPA 80G-FI**	80	32	100	plain bore	102	100 x 85	80 x 60	9	38
LE-TPA 80KF	**B-TPA 80KF**	**LE-TPA 80KF-FI**	80	32	100	ball bearing (C)	102	100 x 85	80 x 60	9	38
LE-TPA 102G	**B-TPA 102G**	**LE-TPA 102G-FI**	100	32	110	plain bore	125	100 x 85	80 x 60	9	36
LE-TPA 102KF	**B-TPA 102KF**	**LE-TPA 102KF-FI**	100	32	110	ball bearing (C)	125	100 x 85	80 x 60	9	36
LE-TPA 127G	**B-TPA 127G**	**LE-TPA 127G-FI**	125	32	125	plain bore	150	100 x 85	80 x 60	9	38
LE-TPA 127KF	**B-TPA 127KF**	**LE-TPA 127KF-FI**	125	32	125	ball bearing (C)	150	100 x 85	80 x 60	9	38
LE-TPA 160G	**B-TPA 160G**	**LE-TPA 160G-FI**	160	40	200	plain bore	195	140 x 110	105 x 75–80	11	54
LE-TPA 160R	**B-TPA 160R**	**LE-TPA 160R-FI**	160	40	200	roller bearing	195	140 x 110	105 x 75–80	11	54
LE-TPA 200G	**B-TPA 200G**	**LE-TPA 200G-FI**	200	40	250	plain bore	235	140 x 110	105 x 75–80	11	54
LE-TPA 200R	**B-TPA 200R**	**LE-TPA 200R-FI**	200	40	250	roller bearing	235	140 x 110	105 x 75–80	11	54

For stainless steel versions, see page 399

Versions / options









	plain bore version	electrically conductive version, non-marking grey	large thread guard with additional ball bearing seals	with steel foot guard
Technical description page		50	85	116
Product code suffix		**-ELS**	**-KFD**	**-FS**
Available for		all plain bore and ball bearing versions*	all ball bearing versions	wheel Ø 100–200 mm upon request

* Wheel load capacity of electrically conductive version reduced by 35%

LER-TPA series

Pressed steel castors with bolt hole, wheel with thermoplastic rubber tread



100–250 kg

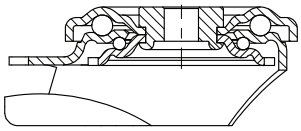
Bracket: LER series
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: TPA series
- tread: high-quality thermoplastic rubber-elastomer (TPE), hardness 85 Shore A, colour grey, non-marking, oil containing
- wheel centre: high-quality polypropylene, impact resistant, colour silver grey ("-ELS" version colour black)

Additional details:
- bracket series: page 91
- brakes: page 112–113
- wheel series: page 186
- bearing types: page 84–85







Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LER-TPA 80G	**LER-TPA 80G-FI**	80	32	100	plain bore	102	70	13	38
LER-TPA 80KF	**LER-TPA 80KF-FI**	80	32	100	ball bearing (C)	102	70	13	38
LER-TPA 102G	**LER-TPA 102G-FI**	100	32	110	plain bore	125	70	13	36
LER-TPA 102KF	**LER-TPA 102KF-FI**	100	32	110	ball bearing (C)	125	70	13	36
LER-TPA 127G	**LER-TPA 127G-FI**	125	32	125	plain bore	150	70	13	38
LER-TPA 127KF	**LER-TPA 127KF-FI**	125	32	125	ball bearing (C)	150	70	13	38
LER-TPA 160G	**LER-TPA 160G-FI**	160	40	200	plain bore	195	88	13	54
LER-TPA 160R	**LER-TPA 160R-FI**	160	40	200	roller bearing	195	88	13	54
LER-TPA 200G	**LER-TPA 200G-FI**	200	40	250	plain bore	235	88	13	54
LER-TPA 200R	**LER-TPA 200R-FI**	200	40	250	roller bearing	235	88	13	54

For stainless steel versions, see page 400

Versions / options











	plain bore version	electrically conductive version, non-marking grey	large thread guard with additional ball bearing seals	with steel foot guard	truck lock
Technical description page		50	85	116	114
Product code suffix		**-ELS**	**-KFD**	**-FS**	**FF 100-1 / FF 125-1**
Available for		all plain bore and ball bearing versions*	all ball bearing versions	wheel Ø 100–200 mm upon request	wheel Ø 100+125 mm

* Wheel load capacity of electrically conductive version reduced by 35%

VPP series, wheel Ø 80–180 mm

Wheels with standard solid rubber tyres, with synthetic rim



50–170 kg

Tread and tyre hardness
80 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
satisfactory

Wear resistance
sufficient

Tyre:
- standard solid rubber, hardness 80 Shore A
- very good operational comfort
- very good floor preservation, low-noise operation
- colour black

Rim:
- high-quality polypropylene, impact resistant
- colour black

Other features:
- high chemical resistance to many aggressive substances, except oils
- operating temperature: -20 °C to +60 °C, reduced load capacity over +30 °C

Additional details:
- wheel series: page 61
- tread: page 52
- bearing types: page 84–85
- chemical resistance: page 51

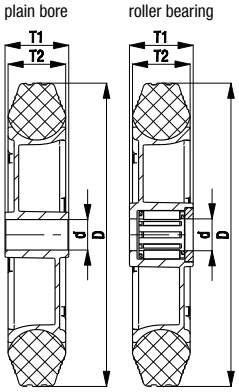
Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VPP 80/12G	80	25	50	plain bore	12	35
VPP 80/12R	80	25	50	roller bearing	12	35
VPP 100/12G	100	30	70	plain bore	12	45
VPP 100/15G	100	30	70	plain bore	15	45
VPP 100/12R	100	30	70	roller bearing	12	45
VPP 100/15R	100	30	70	roller bearing	15	45
VPP 125/12G	125	37.5	100	plain bore	12	45
VPP 125/15G	125	37.5	100	plain bore	15	45
VPP 125/12R	125	37.5	100	roller bearing	12	45
VPP 125/15R	125	37.5	100	roller bearing	15	45
VPP 140/15G	140	37.5	115	plain bore	15	45
VPP 140/15R	140	37.5	115	roller bearing	15	45
VPP 150/20G	150	40	135	plain bore	20	60
VPP 150/20R	150	40	135	roller bearing	20	60
VPP 160/20-45G	160	40	135	plain bore	20	45
VPP 160/20G	160	40	135	plain bore	20	60
VPP 160/20-45R	160	40	135	roller bearing	20	45
VPP 160/20R	160	40	135	roller bearing	20	60
VPP 180/20G	180	50	170	plain bore	20	60
VPP 180/20R	180	50	170	roller bearing	20	60

For other wheel Ø, see next page

Versions / options



	with non-marking grey tyre	with stainless steel roller bearing in the wheel hub	STARLOCK® cap made from stainless steel
Technical description page	52	84	117
Product code suffix	**-SG**	**-XR**	**ST-KA 12, 15, 20**
Available for	all	upon request	all axle bore Ø



VPP series, wheel Ø 200–400 mm

Wheels with standard solid rubber tyres, with synthetic rim



200–350 kg

Tread and tyre hardness
80 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
satisfactory

Wear resistance
sufficient

Tyre:
- standard solid rubber, hardness 80 Shore A
- very good operational comfort
- very good floor preservation, low-noise operation
- colour black

Rim:
- high-quality polypropylene, impact resistant
- colour black

Other features:
- high chemical resistance to many aggressive substances, except oils
- operating temperature: -20 °C to +60 °C, reduced load capacity over +30 °C

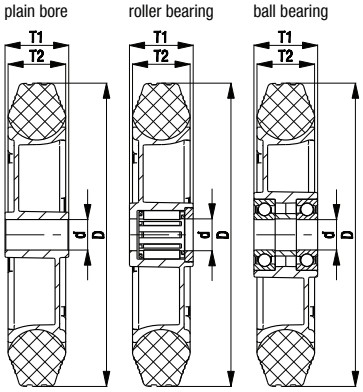
Additional details:
- wheel series: page 61
- tread: page 52
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VPP 200/20G	200	50	205	plain bore	20	60
VPP 200/25G	200	50	205	plain bore	25	60
VPP 200/20R	200	50	205	roller bearing	20	60
VPP 200/20K	200	50	205	ball bearing	20	60
VPP 205/20G	200	65	200	plain bore	20	60
VPP 250/20G	250	60	295	plain bore	20	65
VPP 250/20-74G	250	60	295	plain bore	20	74
VPP 250/25G	250	60	295	plain bore	25	65
VPP 250/25-74G	250	60	295	plain bore	25	74
VPP 250/25R	250	60	295	roller bearing	25	65
VPP 250/20K	250	60	295	ball bearing	20	65
VPP 250/25K	250	60	295	ball bearing	25	65
VPP 254/25G	250	75	300	plain bore	25	65
VPP 256/20G	250	85	250	plain bore	20	75
VPP 256/20R	250	85	250	roller bearing	20	75
VPP 300/25G	300	60	250	plain bore	25	60
VPP 355/25R	350	75	300	roller bearing	25	75
VPP 400/25G	400	100	350	plain bore	25	75
VPP 400/25R	400	100	350	roller bearing	25	75

Versions / options



	with non-marking grey tyre	with stainless steel roller bearing in the wheel hub	STARLOCK® cap made from stainless steel
Technical description page	52	84	117
Product code suffix	**-SG**	**-XR**	**ST-KA 20, 25**
Available for	wheel Ø 200x50+250x60 mm	upon request	all axle bore Ø



LE-VPP, B-VPP series

Pressed steel castors with top plate, wheel with standard solid rubber tyre



50–205 kg

Bracket: LE/B series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

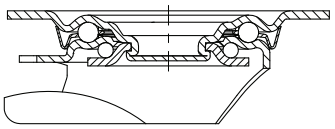
Wheel: VPP series
- tyre: standard solid rubber, hardness 80 Shore A, colour black
- rim: high-quality polypropylene, impact resistant, colour black

Additional details:
- bracket series: page 90
- brakes: page 112–113
- wheel series: page 189
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LE-VPP 80G	**B-VPP 80G**	**LE-VPP 80G-FI**	80	25	50	plain bore	102	100 x 85	80 x 60	9	38
LE-VPP 80R	**B-VPP 80R**	**LE-VPP 80R-FI**	80	25	50	roller bearing	102	100 x 85	80 x 60	9	38
LE-VPP 100G	**B-VPP 100G**	**LE-VPP 100G-FI**	100	30	70	plain bore	125	100 x 85	80 x 60	9	36
LE-VPP 100R	**B-VPP 100R**	**LE-VPP 100R-FI**	100	30	70	roller bearing	125	100 x 85	80 x 60	9	36
LE-VPP 125G	**B-VPP 125G**	**LE-VPP 125G-FI**	125	37.5	100	plain bore	150	100 x 85	80 x 60	9	38
LE-VPP 125R	**B-VPP 125R**	**LE-VPP 125R-FI**	125	37.5	100	roller bearing	150	100 x 85	80 x 60	9	38
LE-VPP 150G	**B-VPP 150G**	**LE-VPP 150G-FI**	150	40	135	plain bore	190	140 x 110	105 x 75–80	11	54
LE-VPP 150R	**B-VPP 150R**	**LE-VPP 150R-FI**	150	40	135	roller bearing	190	140 x 110	105 x 75–80	11	54
LE-VPP 160G	**B-VPP 160G**	**LE-VPP 160G-FI**	160	40	135	plain bore	195	140 x 110	105 x 75–80	11	54
LE-VPP 160R	**B-VPP 160R**	**LE-VPP 160R-FI**	160	40	135	roller bearing	195	140 x 110	105 x 75–80	11	54
LE-VPP 180G	**B-VPP 180G**	**LE-VPP 180G-FI**	180	50	170	plain bore	215	140 x 110	105 x 75–80	11	54
LE-VPP 180R	**B-VPP 180R**	**LE-VPP 180R-FI**	180	50	170	roller bearing	215	140 x 110	105 x 75–80	11	54
LE-VPP 200G	**B-VPP 200G**	**LE-VPP 200G-FI**	200	50	205	plain bore	235	140 x 110	105 x 75–80	11	54
LE-VPP 200R	**B-VPP 200R**	**LE-VPP 200R-FI**	200	50	205	roller bearing	235	140 x 110	105 x 75–80	11	54

For stainless steel versions, see page 401

Versions / options













	with non-marking grey tyre	with thread guard, pressed steel, zinc-plated	with "stop-top" brake	directional lock (separate) 1 x 360°	directional lock (separate) 1 x 360°	with steel foot guard
Technical description page	52	116	112	115	115	116
Product code suffix	**-SG**	**-FA**	**-ST**	**RI-03.01**	**RI-03.03**	**-FS**
Available for	all	all	wheel Ø 150–200 mm	wheel Ø 100–125 mm*	wheel Ø 150–200 mm*	upon request

* Only for swivel castors without brake or swivel castor with "stop-top" brake upon request

LER-VPP series

Pressed steel castors with bolt hole, wheel with standard solid rubber tyre



50–205 kg

Bracket: LER series
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

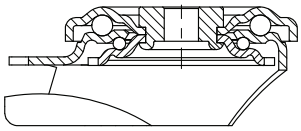
Wheel: VPP series
- tyre: standard solid rubber, hardness 80 Shore A, colour black
- rim: high-quality polypropylene, impact resistant, colour black

Additional details:
- bracket series: page 91
- brakes: page 112–113
- wheel series: page 189
- bearing types: page 84–85

3







Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LER-VPP 80G	**LER-VPP 80G-FI**	80	25	50	plain bore	102	70	13	38
LER-VPP 80R	**LER-VPP 80R-FI**	80	25	50	roller bearing	102	70	13	38
LER-VPP 100G	**LER-VPP 100G-FI**	100	30	70	plain bore	125	70	13	36
LER-VPP 100R	**LER-VPP 100R-FI**	100	30	70	roller bearing	125	70	13	36
LER-VPP 125G	**LER-VPP 125G-FI**	125	37.5	100	plain bore	150	70	13	38
LER-VPP 125R	**LER-VPP 125R-FI**	125	37.5	100	roller bearing	150	70	13	38
LER-VPP 150G	**LER-VPP 150G-FI**	150	40	135	plain bore	190	88	13	54
LER-VPP 150R	**LER-VPP 150R-FI**	150	40	135	roller bearing	190	88	13	54
LER-VPP 160G	**LER-VPP 160G-FI**	160	40	135	plain bore	195	88	13	54
LER-VPP 160R	**LER-VPP 160R-FI**	160	40	135	roller bearing	195	88	13	54
LER-VPP 180G	**LER-VPP 180G-FI**	180	50	170	plain bore	215	88	13	54
LER-VPP 180R	**LER-VPP 180R-FI**	180	50	170	roller bearing	215	88	13	54
LER-VPP 200G	**LER-VPP 200G-FI**	200	50	205	plain bore	235	88	13	54
LER-VPP 200R	**LER-VPP 200R-FI**	200	50	205	roller bearing	235	88	13	54

For stainless steel versions, see page 402

Versions / options









	with non-marking grey tyre	with thread guard, pressed steel, zinc-plated	with steel foot guard	truck lock
Technical description page	52	116	116	114
Product code suffix	**-SG**	**-FA**	**-FS**	**FF 100-1 / FF 125-1**
Available for	all	upon request	upon request	wheel Ø 100+125 mm

LEZ-VPP series

Pressed steel castors with stem, wheel with standard solid rubber tyres



50–205 kg

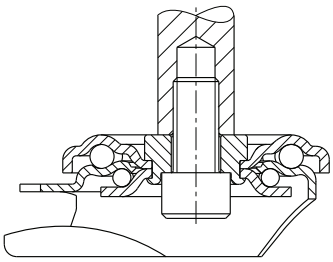
Bracket: LEZ series
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process
- steel plug-in stem and central kingpin bolted and secured

Wheel: VPP series
- tyre: standard solid rubber, hardness 80 Shore A, colour black
- rim: high-quality polypropylene, impact resistant, colour black

Additional details:
- bracket series: page 91
- brakes: page 112–113
- wheel series: page 189
- bearing types: page 84–85







Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø (D) [mm]	Stem length [mm]	Offset swivel castor [mm]
LEZ-VPP 80G	**LEZ-VPP 80G-FI**	80	25	50	plain bore	102	20	50	38
LEZ-VPP 100G	**LEZ-VPP 100G-FI**	100	30	70	plain bore	125	20	50	36
LEZ-VPP 125G	**LEZ-VPP 125G-FI**	125	37.5	100	plain bore	150	20	50	38
LEZ-VPP 150G-22	**LEZ-VPP 150G-22-FI**	150	40	135	plain bore	190	22	60	54
LEZ-VPP 150G-27	**LEZ-VPP 150G-27-FI**	150	40	135	plain bore	190	27	60	54
LEZ-VPP 160G-22	**LEZ-VPP 160G-22-FI**	160	40	135	plain bore	195	22	60	54
LEZ-VPP 160G-27	**LEZ-VPP 160G-27-FI**	160	40	135	plain bore	195	27	60	54
LEZ-VPP 200G-22	**LEZ-VPP 200G-22-FI**	200	50	205	plain bore	235	22	60	54
LEZ-VPP 200G-27	**LEZ-VPP 200G-27-FI**	200	50	205	plain bore	235	27	60	54

Versions / options







	with non-marking grey tyre	with thread guard, pressed steel, zinc-plated	with steel foot guard
Technical description page	52	116	116
Product code suffix	**-SG**	**-FA**	**-FS**
Available for	all	upon request	upon request

L-VPP, B-VPP, BH-VPP series

Pressed steel castors, medium-duty version, with top plate, wheel with standard solid rubber tyre



50–295 kg

Bracket: L/B/BH series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 150 mm)
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: VPP series
- tyre: standard solid rubber, hardness 80 Shore A, colour black
- rim: high-quality polypropylene, impact resistant, colour black

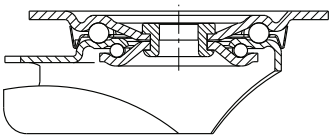
Additional details:
- bracket series: page 91
- brakes: page 112–113
- wheel series: page 189
- bearing types: page 84–85

3









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-VPP 80G	**B-VPP 80G**	**L-VPP 80G-FI**	80	25	50	plain bore	102	100 x 85	80 x 60	9	38
L-VPP 80R	**B-VPP 80R**	**L-VPP 80R-FI**	80	25	50	roller bearing	102	100 x 85	80 x 60	9	38
L-VPP 100G	**B-VPP 100G**	**L-VPP 100G-FI**	100	30	70	plain bore	125	100 x 85	80 x 60	9	36
L-VPP 100R	**B-VPP 100R**	**L-VPP 100R-FI**	100	30	70	roller bearing	125	100 x 85	80 x 60	9	36
L-VPP 125G	**B-VPP 125G**	**L-VPP 125G-FI**	125	37.5	100	plain bore	150	100 x 85	80 x 60	9	38
L-VPP 125R	**B-VPP 125R**	**L-VPP 125R-FI**	125	37.5	100	roller bearing	150	100 x 85	80 x 60	9	38
L-VPP 140G	**B-VPP 140G**	**L-VPP 140G-FI**	140	37.5	115	plain bore	170	140 x 110	105 x 75–80	11	50
L-VPP 140R	**B-VPP 140R**	**L-VPP 140R-FI**	140	37.5	115	roller bearing	170	140 x 110	105 x 75–80	11	50
L-VPP 160G	**B-VPP 160G**	**L-VPP 160G-FI**	160	40	135	plain bore	195	140 x 110	105 x 75–80	11	60
L-VPP 160R	**B-VPP 160R**	**L-VPP 160R-FI**	160	40	135	roller bearing	195	140 x 110	105 x 75–80	11	60
L-VPP 180G	**B-VPP 180G**	**L-VPP 180G-FI**	180	50	170	plain bore	215	140 x 110	105 x 75–80	11	60
L-VPP 180R	**B-VPP 180R**	**L-VPP 180R-FI**	180	50	170	roller bearing	215	140 x 110	105 x 75–80	11	60
L-VPP 200G	**B-VPP 200G**	**L-VPP 200G-FI**	200	50	205	plain bore	235	140 x 110	105 x 75–80	11	65
L-VPP 200R	**B-VPP 200R**	**L-VPP 200R-FI**	200	50	205	roller bearing	235	140 x 110	105 x 75–80	11	65
L-VPP 250G-3	**BH-VPP 250G**	*	250	60	295	plain bore	295	140 x 110	105 x 75–80	11	77
L-VPP 250R-3	**BH-VPP 250R**	*	250	60	295	roller bearing	295	140 x 110	105 x 75–80	11	77

* "stop-top" brake version, see versions / options

Versions / options













	with non-marking grey tyre	with thread guard, pressed steel, zinc-plated	with "stop-top" brake	directional lock (separate) 1 x 360°	directional lock (separate) 1 x 360°	with steel foot guard
Technical description page	52	116	112	115	115	116
Product code suffix	**-SG**	**-FA**	**-ST**	**RI-03.01**	**RI-05.03**	**-FS**
Available for	all	wheel Ø 80–200 mm	all	wheel Ø 100–125 mm**	wheel Ø 160–200 mm**	upon request

** Only for swivel castors without brake or swivel castor with "stop-top" brake upon request

VE series

Wheels with standard solid rubber tyre, with pressed steel rim



50–205 kg

Tread and tyre hardness
80 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
satisfactory

Wear resistance
sufficient

Tyre:
- standard solid rubber, hardness 80 Shore A
- very good operational comfort
- very good floor preservation, low-noise operation
- colour black

Rim:
- pressed steel
- zinc-plated, blue-passivated, Cr6-free

Other features:
- chemical resistance to many aggressive substances, except oils
- operating temperature: -25 °C to +80 °C, reduced load capacity over +60 °C

Additional details:
- wheel series: page 61
- tread: page 52
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VE 80/12R	80	25	50	roller bearing	12	35
VE 100/12R	100	30	70	roller bearing	12	45
VE 125/12R	125	37.5	100	roller bearing	12	45
VE 150/20R	150	40	135	roller bearing	20	60
VE 160/20R	160	40	135	roller bearing	20	60
VE 180/20R	180	50	170	roller bearing	20	60
VE 200/20R	200	50	205	roller bearing	20	60

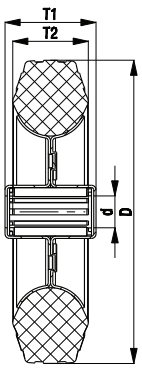
For other dimensions, see wheel series V on page 199, 200

Versions / options



	with non-marking grey tyre	electrically conductive version, black tyre
Technical description page	52	50
Product code suffix	**-SG**	**-EL**
Available for	all	all

roller bearing



LE-VE, B-VE series

Pressed steel castors with top plate, wheel with standard solid rubber tyre



50–205 kg

Bracket: LE/B series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

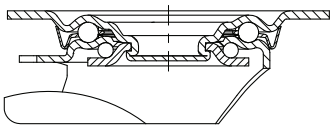
Wheel: VE series
- tyre: standard solid rubber, hardness 80 Shore A, colour black
- rim: pressed steel, zinc-plated, blue-passivated, Cr6-free

Additional details:
- bracket series: page 90
- brakes: page 112–113
- wheel series: page 195
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LE-VE 80R	**B-VE 80R**	**LE-VE 80R-FI**	80	25	50	roller bearing	102	100 x 85	80 x 60	9	38
LE-VE 100R	**B-VE 100R**	**LE-VE 100R-FI**	100	30	70	roller bearing	125	100 x 85	80 x 60	9	36
LE-VE 125R	**B-VE 125R**	**LE-VE 125R-FI**	125	37.5	100	roller bearing	150	100 x 85	80 x 60	9	38
LE-VE 150R	**B-VE 150R**	**LE-VE 150R-FI**	150	40	135	roller bearing	190	140 x 110	105 x 75–80	11	54
LE-VE 160R	**B-VE 160R**	**LE-VE 160R-FI**	160	40	135	roller bearing	195	140 x 110	105 x 75–80	11	54
LE-VE 180R	**B-VE 180R**	**LE-VE 180R-FI**	180	50	170	roller bearing	215	140 x 110	105 x 75–80	11	54
LE-VE 200R	**B-VE 200R**	**LE-VE 200R-FI**	200	50	205	roller bearing	235	140 x 110	105 x 75–80	11	54

Versions / options



	with non-marking grey tyre	electrically conductive version, black tyre	with thread guard, pressed steel, zinc-plated	with “stop-top” brake	with “central-stop” central brake system	directional lock (separate) 1 x 360°	with steel foot guard
Technical description page	52	50	116	112	113	115	116
Product code suffix	**-SG**	**-EL**	**-FA**	**-ST**	**-CS11**	**RI-03.01 / RI-03.03**	**-FS**
Available for	all	all	all	wheel Ø 150–200 mm	wheel Ø 160+200 mm	RI-03.01: Ø 100–125 RI-03.03: Ø 150–200 *	from wheel Ø 100 mm upon request

* Only for swivel castors without brake or swivel castor with “stop-top” and “central-stop” brake upon request

LER-VE series

Pressed steel castors with bolt hole, wheel with standard solid rubber tyre



50–205 kg

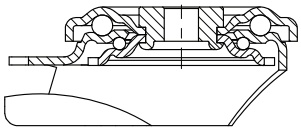
Bracket: LER series
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: VE series
- tyre: standard solid rubber, hardness 80 Shore A, colour black
- rim: pressed steel, zinc-plated, blue-passivated, Cr6-free

Additional details:
- bracket series: page 91
- brakes: page 112–113
- wheel series: page 195
- bearing types: page 84–85







Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LER-VE 80R	**LER-VE 80R-FI**	80	25	50	roller bearing	102	70	13	38
LER-VE 100R	**LER-VE 100R-FI**	100	30	70	roller bearing	125	70	13	36
LER-VE 125R	**LER-VE 125R-FI**	125	37.5	100	roller bearing	150	70	13	38
LER-VE 150R	**LER-VE 150R-FI**	150	40	135	roller bearing	190	88	13	54
LER-VE 160R	**LER-VE 160R-FI**	160	40	135	roller bearing	195	88	13	54
LER-VE 180R	**LER-VE 180R-FI**	180	50	170	roller bearing	215	88	13	54
LER-VE 200R	**LER-VE 200R-FI**	200	50	205	roller bearing	235	88	13	54

Versions / options











	with non-marking grey tyre	electrically conductive version, black tyre	with thread guard, pressed steel, zinc-plated	with steel foot guard	truck lock
Technical description page	52	50	116	116	114
Product code suffix	**-SG**	**-EL**	**-FA**	**-FS**	**FF 100-1 / FF 125-1**
Available for	all	all	all	upon request	wheel Ø 100+125 mm

LEZ-VE series

Pressed steel castors with stem, wheel with standard solid rubber tyres



50–205 kg

Bracket: LEZ series
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process
- steel plug-in stem and central kingpin bolted and secured

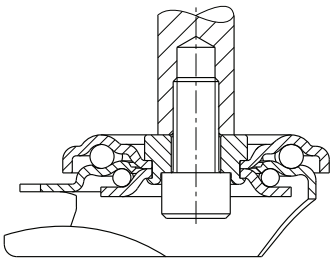
Wheel: VE series
- tyre: standard solid rubber, hardness 80 Shore A, colour black
- rim: pressed steel, zinc-plated, blue-passivated, Cr6-free

Additional details:
- bracket series: page 91
- brakes: page 112–113
- wheel series: page 195
- bearing types: page 84–85

3







Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø (D) [mm]	Stem length [mm]	Offset swivel castor [mm]
LEZ-VE 80R	**LEZ-VE 80R-FI**	80	25	50	roller bearing	102	20	50	38
LEZ-VE 100R	**LEZ-VE 100R-FI**	100	30	70	roller bearing	125	20	50	36
LEZ-VE 125R	**LEZ-VE 125R-FI**	125	37.5	100	roller bearing	150	20	50	38
LEZ-VE 150R-22	**LEZ-VE 150R-22-FI**	150	40	135	roller bearing	190	22	60	54
LEZ-VE 150R-27	**LEZ-VE 150R-27-FI**	150	40	135	roller bearing	190	27	60	54
LEZ-VE 160R-22	**LEZ-VE 160R-22-FI**	160	40	135	roller bearing	195	22	60	54
LEZ-VE 160R-27	**LEZ-VE 160R-27-FI**	160	40	135	roller bearing	195	27	60	54
LEZ-VE 180R-22	**LEZ-VE 180R-22-FI**	180	50	170	roller bearing	215	22	60	54
LEZ-VE 180R-27	**LEZ-VE 180R-27-FI**	180	50	170	roller bearing	215	27	60	54
LEZ-VE 200R-22	**LEZ-VE 200R-22-FI**	200	50	205	roller bearing	235	22	60	54
LEZ-VE 200R-27	**LEZ-VE 200R-27-FI**	200	50	205	roller bearing	235	27	60	54

Versions / options









	with non-marking grey tyre	electrically conductive version, black tyre	with steel foot guard	with thread guard, pressed steel, zinc-plated
Technical description page	52	50	116	116
Product code suffix	**-SG**	**-EL**	**-FS**	**-FA**
Available for	all	all	upon request	upon request

V series, wheel Ø 80–200 mm

Wheels with standard solid rubber tyre, with pressed steel rim, reinforced version



50–300 kg

Tread and tyre hardness
80 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
satisfactory

Wear resistance
sufficient

Tyre:
- standard solid rubber, hardness 80 Shore A
- very good operational comfort
- very good floor preservation, low-noise operation
- colour black

Rim:
- pressed steel
- strong rim structure with tubular steel hub, bolted or pressed
- zinc-plated, blue-passivated, Cr6-free

Other features:
- chemical resistance to many aggressive substances, except oils
- operating temperature: -20 °C to +80 °C, reduced load capacity over +60 °C

Additional details:
- wheel series: page 62
- tread: page 52
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
V 80/12R	80	25	50	roller bearing	12	35
V 100/15R	100	30	70	roller bearing	15	45
V 125/15R	125	37.5	100	roller bearing	15	45
V 140/15R	140	37.5	115	roller bearing	15	45
V 162/20G	160	40	135	plain bore	20	60
V 162/20R	160	40	135	roller bearing	20	60
V 182/20G	180	50	170	plain bore	20	60
V 182/20R	180	50	170	roller bearing	20	60
V 184/20-50K *	180	80	300	ball bearing	20	50
V 202/20G	200	50	205	plain bore	20	60
V 202/20R	200	50	205	roller bearing	20	60
V 202/25R	200	50	205	roller bearing	25	60
V 200/20K *	200	50	205	ball bearing	20	60
V 205/20R	200	65	225	roller bearing	20	60

* Bolted version

For other wheel Ø, see next page

Versions / options

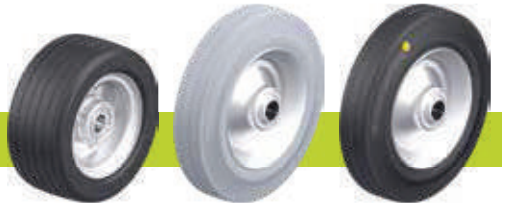
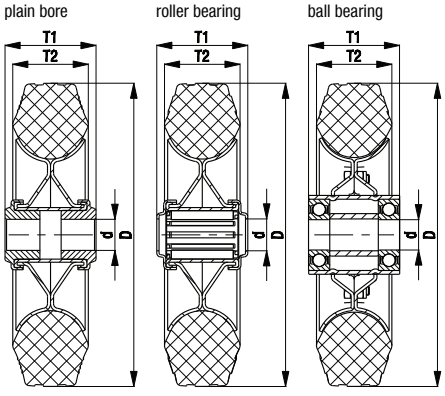


	image V 184/20-50K	with non-marking grey tyre	electrically conductive version, black tyre
Technical description page		52	50
Product code suffix		**-SG**	**-EL**
Available for		wheel Ø 80–180x50, 200x50 mm**	wheel Ø 80–180x50, 200x50 mm**

** Only for roller bearings and ball bearings



V series, wheel Ø 250–400 mm

Wheels with standard solid rubber tyre, with pressed steel rim, reinforced version



295–800 kg

Tread and tyre hardness
80 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
satisfactory

Wear resistance
sufficient

Tyre:
- standard solid rubber, hardness 80 Shore A
- very good operational comfort
- very good floor preservation, low-noise operation
- colour black

Rim:
- pressed steel
- strong rim structure with tubular steel hub, bolted or pressed
- zinc-plated, blue-passivated, Cr6-free

Other features:
- chemical resistance to many aggressive substances, except oils
- operating temperature: -20 °C to +80 °C, reduced load capacity over +60 °C

Additional details:
- wheel series: page 62
- tread: page 52
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
V 252/20G *	250	60	295	plain bore	20	65
V 252/25G *	250	60	295	plain bore	25	65
V 252/25R *	250	60	295	roller bearing	25	65
V 250/25K	250	60	295	ball bearing	25	65
V 254/25-65R	250	75	320	roller bearing	25	65
V 256/20-75K	250	85	350	ball bearing	20	75
V 256/25-75K	250	85	350	ball bearing	25	75
V 265/25-75G	265	64	800 **	plain bore	25	75
V 282/25R *	280	70	385	roller bearing	25	75
V 302/30-55G	300	60	700 **	plain bore	30	55
V 302/25-50R	300	60	300	roller bearing	25	50
V 302/25-75R	300	60	300	roller bearing	25	75
V 350/25-80R	350	70	300	roller bearing	25	80
V 350/25-75K	350	70	300	ball bearing	25	75
V 400/25-90G	400	75	300	plain bore	25	90
V 400/25-75R	400	75	300	roller bearing	25	75
V 400/25-90R	400	75	300	roller bearing	25	90
V 400/30-90R	400	75	300	roller bearing	30	90
V 402/25-90R	400	80	475	roller bearing	25	90
V 402/30-90K	400	80	475	ball bearing	30	90

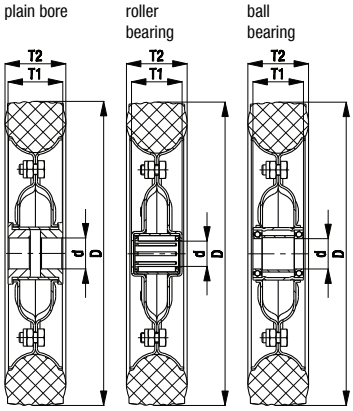
* Centrally-pressed version
** Support load

Versions / options



	with non-marking grey tyre	electrically conductive version, black tyre
Technical description page	52	50
Product code suffix	**-SG**	**-EL**
Available for	wheel Ø 250x60 mm***	wheel Ø 250x60 mm***

*** Only for roller bearings and ball bearings



L-V, B-V, BH-V series

Pressed steel castors, medium-duty version, with top plate, wheel with standard solid rubber tyre



50–385 kg

Bracket: L/B/BH series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 150 mm)
- swivel head seal (exception: plate size 175x175 mm)
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

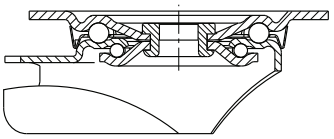
Wheel: V series
- tyre: standard solid rubber, hardness 80 Shore A, colour black
- rim: pressed steel, strong rim structure with tubular steel hub, bolted or pressed, zinc-plated, blue-passivated, Cr6-free

Additional details:
- bracket series: page 91
- brakes: page 112–113
- wheel series: page 199
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-V 80R	**B-V 80R**	**L-V 80R-FI**	80	25	50	roller bearing	102	100 x 85	80 x 60	9	38
L-V 100R	**B-V 100R**	**L-V 100R-FI**	100	30	70	roller bearing	125	100 x 85	80 x 60	9	36
L-V 125R	**B-V 125R**	**L-V 125R-FI**	125	37.5	100	roller bearing	150	100 x 85	80 x 60	9	38
L-V 140R	**B-V 140R**	**L-V 140R-FI**	140	37.5	115	roller bearing	170	140 x 110	105 x 75–80	11	50
L-V 162R	**B-V 162R**	**L-V 162R-FI**	160	40	135	roller bearing	195	140 x 110	105 x 75–80	11	60
L-V 182R	**B-V 182R**	**L-V 182R-FI**	180	50	170	roller bearing	215	140 x 110	105 x 75–80	11	60
L-V 202R	**B-V 202R**	**L-V 202R-FI**	200	50	205	roller bearing	235	140 x 110	105 x 75–80	11	65
L-V 200K	**B-V 200K**	**L-V 200K-FI**	200	50	205	ball bearing	235	140 x 110	105 x 75–80	11	65
L-V 205R	**B-V 205R**	*	200	65	225	roller bearing	240	140 x 110	105 x 75–80	11	70
L-V 252R-3	**BH-V 252R**	*	250	60	295	roller bearing	295	140 x 110	105 x 75–80	11	77
L-V 252R		*	250	60	295	roller bearing	295	175 x 175	140 x 140	15	70
	B-V 252R		250	60	295	roller bearing	295	220 x 120	190 x 75	15	–
L-V 256K		*	250	85	350	ball bearing	295	175 x 175	140 x 140	15	70
	B-V 256K		250	85	350	ball bearing	295	220 x 120	190 x 75	15	–
L-V 282R		*	280	70	385	roller bearing	318	175 x 175	140 x 140	15	78
	B-V 282R		280	70	385	roller bearing	318	220 x 120	190 x 75	15	–

* "stop-top" brake version, see versions / options

Versions / options



	with non-marking grey tyre	electrically conductive version, black tyre	with thread guard, pressed steel, zinc-plated	with "stop-top" brake	directional lock (separate) 1 x 360°	with steel foot guard
Technical description page	52	50	116	112	115	116
Product code suffix	**-SG**	**-EL**	**-FA**	**-ST**	**RI-03.01 / RI-05.03**	**-FS**
Available for	wheel Ø 80–200x50, 250x60 mm	wheel Ø 80–200x50, 250x60 mm	wheel Ø 80–250x60 mm	all	RI-03.01: Ø 100–125 RI-05.03: Ø 160–200x50 **	wheel Ø 100–250 mm upon request

** Only for swivel castors without brake or swivel castor with "stop-top" brake upon request

VWPP series

Wheels with “Blickle Soft” soft rubber tyres, with synthetic rim



50–200 kg

Tread and tyre hardness
50 Shore A

Smooth operation / floor preservation
excellent

Rolling resistance
good

Wear resistance
satisfactory

3

Blickle Soft

Tyre:
- soft rubber “Blickle Soft”, highly elastic, round profile, hardness 50 Shore A
- maximum operational comfort
- excellent floor preservation, particularly quiet operation
- colour black

Rim:
- high-quality polypropylene, impact resistant
- colour black

Other features:
- high chemical resistance to many aggressive substances, except oils
- operating temperature: -20 °C to +60 °C, reduced load capacity over +30 °C
- wheel Ø 260 mm with additional hard rubber core
- puncture-proof alternatives for pneumatic tyres

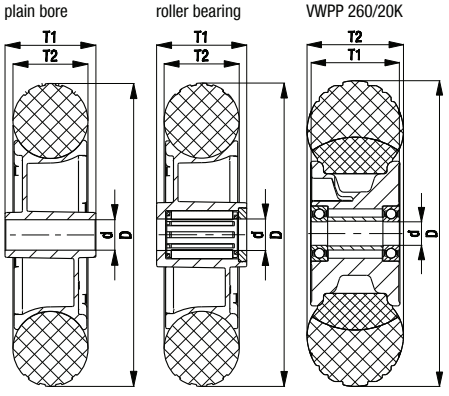
Additional details:
- wheel series: page 62
- tread: page 52
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VWPP 125/12G	125	37.5	50	plain bore	12	45
VWPP 125/12R	125	37.5	50	roller bearing	12	45
VWPP 160/20G	160	40	70	plain bore	20	60
VWPP 160/20R	160	40	70	roller bearing	20	60
VWPP 200/20G	200	50	100	plain bore	20	60
VWPP 200/20R	200	50	100	roller bearing	20	60
VWPP 250/25G	250	60	160	plain bore	25	65
VWPP 250/25R	250	60	160	roller bearing	25	65
VWPP 260/20G	260	85	200	plain bore	20	75
VWPP 260/20R	260	85	200	roller bearing	20	75
VWPP 260/20K	260	85	200	ball bearing	20	75

Versions / options



	image VWPP 260/20K	with non-marking grey tyre	with stainless steel roller bearing in the wheel hub
Technical description page		52	84
Product code suffix		**-SG**	**-XR**
Available for		wheel Ø 125–200 mm, others upon request	upon request



L-VWPP, B-VWPP, BH-VWPP series

Pressed steel castors, medium-duty version, with top plate, wheel with “Blickle Soft” soft rubber tyre

50–200 kg



Blickle Soft

3

Bracket: L/B/BH series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 150 mm)
- swivel head seal (exception: plate size 175x175 mm)
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

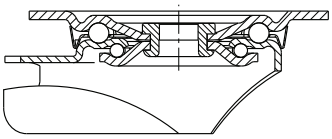
Wheel: VWPP series
- tyre: soft rubber “Blickle Soft”, hardness 50 Shore A, colour black (wheel Ø 260 mm with additional hard rubber core)
- rim: high-quality polypropylene, impact resistant, colour black

Additional details:
- bracket series: page 91
- brakes: page 112–113
- wheel series: page 202
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-VWPP 125G	**B-VWPP 125G**	**L-VWPP 125G-FI**	125	37.5	50	plain bore	150	100 x 85	80 x 60	9	38
L-VWPP 125R	**B-VWPP 125R**	**L-VWPP 125R-FI**	125	37.5	50	roller bearing	150	100 x 85	80 x 60	9	38
L-VWPP 160G	**B-VWPP 160G**	**L-VWPP 160G-FI**	160	40	70	plain bore	195	140 x 110	105 x 75–80	11	60
L-VWPP 160R	**B-VWPP 160R**	**L-VWPP 160R-FI**	160	40	70	roller bearing	195	140 x 110	105 x 75–80	11	60
L-VWPP 200G	**B-VWPP 200G**	**L-VWPP 200G-FI**	200	50	100	plain bore	235	140 x 110	105 x 75–80	11	65
L-VWPP 200R	**B-VWPP 200R**	**L-VWPP 200R-FI**	200	50	100	roller bearing	235	140 x 110	105 x 75–80	11	65
L-VWPP 250G-3	**BH-VWPP 250G**	*	250	60	160	plain bore	295	140 x 110	105 x 75–80	11	77
L-VWPP 250R-3	**BH-VWPP 250R**	*	250	60	160	roller bearing	295	140 x 110	105 x 75–80	11	77
L-VWPP 260G		*	260	85	200	plain bore	308	175 x 175	140 x 140	15	78
	B-VWPP 260G		260	85	200	plain bore	308	220 x 120	190 x 75	15	–
L-VWPP 260R		*	260	85	200	roller bearing	308	175 x 175	140 x 140	15	78
	B-VWPP 260R		260	85	200	roller bearing	308	220 x 120	190 x 75	15	–
L-VWPP 260K		*	260	85	200	ball bearing	308	175 x 175	140 x 140	15	78
	B-VWPP 260K		260	85	200	ball bearing	308	220 x 120	190 x 75	15	–

* “stop-top” brake version, see versions / options

Versions / options















	with non-marking grey tyre	with thread guard, pressed steel, zinc-plated	with “stop-top” brake	directional lock (separate) 1 x 360°	directional lock (separate) 1 x 360°	with stainless steel roller bearing in the wheel hub	with steel foot guard
Technical description page	52	116	112	115	115	84	116
Product code suffix	**-SG**	**-FA**	**-ST**	**RI-03.01**	**RI-05.03**	**-XR**	**-FS**
Available for	wheel Ø 125–200 mm, others upon request	wheel Ø 125–200 mm	all	wheel Ø 125 mm**	wheel Ø 160–200 mm**	upon request	up to wheel Ø 250 mm upon request

** Only for swivel castors without brake or swivel castor with “stop-top” brake upon request

VW series

Wheels with “Blickle Soft” soft rubber tyres, with pressed steel rim



50–200 kg

Tread and tyre hardness
50 Shore A

Smooth operation / floor preservation
excellent

Rolling resistance
good

Wear resistance
satisfactory

3

Blickle Soft

Tyre:
- soft rubber “Blickle Soft”, highly elastic, round profile, hardness 50 Shore A
- maximum operational comfort
- excellent floor preservation, particularly quiet operation
- colour black

Rim:
- pressed steel
- strong rim structure with tubular steel hub, bolted or pressed
- zinc-plated, blue-passivated, Cr6-free

Other features:
- chemical resistance to many aggressive substances, except oils
- operating temperature: -20 °C to +80 °C, reduced load capacity over +60 °C
- wheel Ø 260 mm with additional hard rubber core
- puncture-proof alternatives for pneumatic tyres

Additional details:
- wheel series: page 62
- tread: page 52
- bearing types: page 84–85
- chemical resistance: page 51

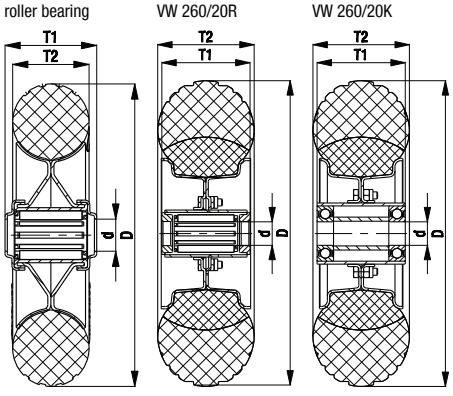
Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VW 125/15R	125	37.5	50	roller bearing	15	45
VW 162/20R	160	40	70	roller bearing	20	60
VW 202/20R	200	50	100	roller bearing	20	60
VW 252/25R	250	60	160	roller bearing	25	65
VW 260/20R *	260	85	200	roller bearing	20	75
VW 260/20K *	260	85	200	ball bearing	20	75

* Bolted version

Versions / options



	image VW 260/20K	with non-marking grey tyre
Technical description page		52
Product code suffix		**-SG**
Available for		wheel Ø 125–200 mm, others upon request



L-VW, B-VW, BH-VW series

Pressed steel castors, medium-duty version, with top plate, wheel with “Blickle Soft” soft rubber tyre

50–200 kg



Blickle Soft

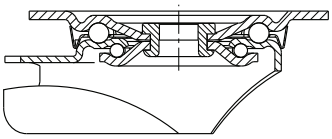
Bracket: L/B/BH series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 150 mm)
- swivel head seal (exception: plate size 175x175 mm)
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: VW series
- tyre: soft rubber “Blickle Soft”, hardness 50 Shore A, colour black (wheel Ø 260 mm with additional hard rubber core)
- rim: pressed steel, strong rim structure with tubular steel hub, bolted or pressed, zinc-plated, blue-passivated, Cr6-free

Additional details:
- bracket series: page 91
- brakes: page 112–113
- wheel series: page 204
- bearing types: page 84–85





Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-VW 125R	**B-VW 125R**	**L-VW 125R-FI**	125	37.5	50	roller bearing	150	100 x 85	80 x 60	9	38
L-VW 162R	**B-VW 162R**	**L-VW 162R-FI**	160	40	70	roller bearing	195	140 x 110	105 x 75–80	11	60
L-VW 202R	**B-VW 202R**	**L-VW 202R-FI**	200	50	100	roller bearing	235	140 x 110	105 x 75–80	11	65
L-VW 252R-3	**BH-VW 252R**	*	250	60	160	roller bearing	295	140 x 110	105 x 75–80	11	77
L-VW 260R		*	260	85	200	roller bearing	308	175 x 175	140 x 140	15	78
	B-VW 260R		260	85	200	roller bearing	308	220 x 120	190 x 75	15	–
L-VW 260K		*	260	85	200	ball bearing	308	175 x 175	140 x 140	15	78
	B-VW 260K		260	85	200	ball bearing	308	220 x 120	190 x 75	15	–

* “stop-top” brake version, see versions / options

Versions / options



	with non-marking grey tyre	with thread guard, pressed steel, zinc-plated	with “stop-top” brake	directional lock (separate) 1 x 360°	directional lock (separate) 1 x 360°	with steel foot guard
Technical description page	52	116	112	115	115	116
Product code suffix	**-SG**	**-FA**	**-ST**	**RI-03.01**	**RI-05.03**	**-FS**
Available for	wheel Ø 125–200 mm, others upon request	wheel Ø 125–250 mm	all	wheel Ø 125 mm**	wheel Ø 160–200 mm**	up to wheel Ø 250 mm upon request

** Only for swivel castors without brake or swivel castor with “stop-top” brake upon request

RD series

Wheels with two-component solid rubber tyre, “Blickle Comfort” with pressed steel rim



100–650 kg

Tread and tyre hardness
65 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
good

Wear resistance
satisfactory

Blickle Comfort

Tyre:
- two-component solid rubber “Blickle Comfort”, hardness 65 Shore A
- hard rubber core and highly elastic tread
- very good floor preservation, low-noise operation
- additional operational comfort and load capacity compared to standard solid rubber
- low rolling resistance
- colour black

Rim:
- pressed steel
- strong rim structure with tubular steel hub, bolted or pressed
- zinc-plated, blue-passivated, Cr6-free

Other features:
- chemical resistance to many aggressive substances, except oils
- operating temperature: -20 °C to +80 °C, reduced load capacity over +60 °C

Additional details:
- wheel series: page 62
- tread: page 53
- bearing types: page 84–85
- chemical resistance: page 51

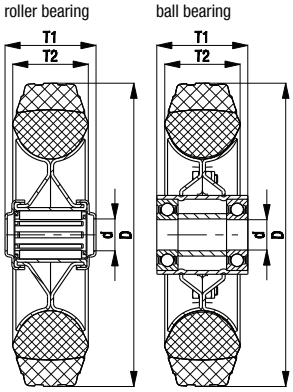
Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
RD 100/15R	100	30	100	roller bearing	15	45
RD 125/15R	125	37.5	120	roller bearing	15	45
RD 140/15R	140	37.5	175	roller bearing	15	45
RD 162/20R	160	40	225	roller bearing	20	60
RD 182/20R	180	50	300	roller bearing	20	60
RD 202/20R	200	50	350	roller bearing	20	60
RD 200/20K *	200	50	350	ball bearing	20	60
RD 252/25R	250	60	450	roller bearing	25	65
RD 250/25K *	250	60	450	ball bearing	25	65
RD 282/25R	280	70	650	roller bearing	25	75
RD 280/25K *	280	70	650	ball bearing	25	75

* Bolted version

Versions / options



	with non-marking grey tyre, 56 shore A
Technical description page	52
Product code suffix	**-VLI**
Available for	wheel Ø 100–250 mm



L-RD, B-RD, BH-RD series

Pressed steel castors, medium-duty version, top plate, wheel with two-component “Blickle Comfort” solid rubber tyres

100–600 kg



Blickle Comfort

Bracket: L/B/BH series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 150 mm)
- swivel head seal (exception: plate size 175x175 mm)
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

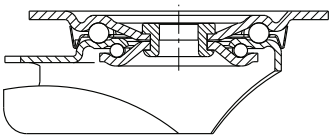
Wheel: RD series
- tyre: two-component solid rubber “Blickle Comfort”, hardness 65 Shore A, colour black
- rim: pressed steel, strong rim structure with tubular steel hub, bolted or pressed, zinc-plated, blue-passivated, Cr6-free

Additional details:
- bracket series: page 91
- brakes: page 112–113
- wheel series: page 206
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-RD 100R	**B-RD 100R**	**L-RD 100R-FI**	100	30	100	roller bearing	125	100 x 85	80 x 60	9	36
L-RD 125R	**B-RD 125R**	**L-RD 125R-FI**	125	37.5	120	roller bearing	150	100 x 85	80 x 60	9	38
L-RD 140R	**B-RD 140R**	**L-RD 140R-FI**	140	37.5	175	roller bearing	170	140 x 110	105 x 75–80	11	50
L-RD 162R	**B-RD 162R**	**L-RD 162R-FI**	160	40	225	roller bearing	195	140 x 110	105 x 75–80	11	60
L-RD 182R	**B-RD 182R**	**L-RD 182R-FI**	180	50	300	roller bearing	215	140 x 110	105 x 75–80	11	60
L-RD 202R	**B-RD 202R**	**L-RD 202R-FI**	200	50	350	roller bearing	235	140 x 110	105 x 75–80	11	65
L-RD 200K	**B-RD 200K**	**L-RD 200K-FI**	200	50	350	ball bearing	235	140 x 110	105 x 75–80	11	65
L-RD 252R-3	**BH-RD 252R**	*	250	60	450	roller bearing	295	140 x 110	105 x 75–80	11	77
L-RD 252R		*	250	60	450	roller bearing	295	175 x 175	140 x 140	15	70
	B-RD 252R		250	60	450	roller bearing	295	220 x 120	190 x 75	15	–
L-RD 250K		*	250	60	450	ball bearing	295	175 x 175	140 x 140	15	70
	B-RD 250K		250	60	450	ball bearing	295	220 x 120	190 x 75	15	–
L-RD 282R		*	280	70	600	roller bearing	318	175 x 175	140 x 140	15	78
	B-RD 282R		280	70	600	roller bearing	318	220 x 120	190 x 75	15	–
L-RD 280K		*	280	70	600	ball bearing	318	175 x 175	140 x 140	15	78
	B-RD 280K		280	70	600	ball bearing	318	220 x 120	190 x 75	15	–

* “stop-top” brake version, see versions / options

Versions / options















	with non-marking grey tyre, 56 shore A	with thread guard, pressed steel, zinc-plated	with “stop-top” brake	with “central-stop” central brake system	directional lock (separate) 1 x 360°	directional lock (separate) 1 x 360°	with steel foot guard
Technical description page	52	116	112	113	115	115	116
Product code suffix	**-VLI**	**-FA**	**-ST**	**-CS11**	**RI-03.01**	**RI-05.03**	**-FS**
Available for	wheel Ø 100–250 mm	wheel Ø 100–250 mm	all	wheel Ø 160+200 mm	wheel Ø 100–125 mm**	wheel Ø 160–200 mm**	all up to wheel Ø 200 mm, wheel Ø 250 mm upon request

** Only for swivel castors without brake or swivel castor with “stop-top” and “central-stop” brake upon request

LK-RD, BK-RD, BH-RD series

Pressed steel castors, heavy-duty design, top plate, wheel with two-component “Blickle Comfort” solid rubber tyre

100–350 kg



Bracket: LK/BK/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 125x50 mm)
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: RD series
- tyre: two-component solid rubber “Blickle Comfort”, hardness 65 Shore A, colour black
- rim: pressed steel, strong rim structure with tubular steel hub, bolted or pressed, zinc-plated, blue-passivated, Cr6-free

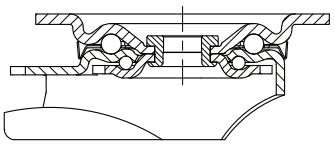
Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 206
- bearing types: page 84–85

Blickle Comfort









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-RD 100R-1	**BK-RD 100R-1**	**LK-RD 100R-1-FI**	100	30	100	roller bearing	130	100 x 85	80 x 60	9	45
LK-RD 100R-3	**BK-RD 100R-3**	**LK-RD 100R-3-FI**	100	30	100	roller bearing	130	140 x 110	105 x 75–80	11	45
LK-RD 125R-1	**BK-RD 125R-1**	**LK-RD 125R-1-FI**	125	37.5	120	roller bearing	155	100 x 85	80 x 60	9	48
LK-RD 125R-3	**BK-RD 125R-3**	**LK-RD 125R-3-FI**	125	37.5	120	roller bearing	155	140 x 110	105 x 75–80	11	48
LK-RD 162R	**BH-RD 162R**	**LK-RD 162R-FI**	160	40	225	roller bearing	202	140 x 110	105 x 75–80	11	60
LK-RD 202R	**BH-RD 202R**	**LK-RD 202R-FI**	200	50	350	roller bearing	245	140 x 110	105 x 75–80	11	62
LK-RD 200K	**BH-RD 200K**	**LK-RD 200K-FI**	200	50	350	ball bearing	245	140 x 110	105 x 75–80	11	62

Versions / options



	with non-marking grey tyre, 56 shore A	with thread guard, pressed steel, zinc-plated	with “stop-top” brake	with “central-stop” central brake system	with directional lock (separate) 1x 360°	with steel foot guard
Technical description page	52	116	112	113	115	116
Product code suffix	**-VLI**	**-FA**	**-ST**	**-CS11**	**see ***	**-FS**
Available for	all	all	all	wheel Ø 100–125 mm	for wheel Ø and plate dimensions, see*	upon request

* **RI-05.01** for wheel Ø 100–125 mm with plate 100x85 mm, **RI-03.03** for wheel Ø 100–125 mm with plate 140x110 mm, **RI-05.03** for wheel Ø 160–200 mm
(Only for swivel castors without brake or swivel castor with “stop-top” and “central-stop” brake upon request)

POES, ALES series

Wheels with “Blickle SoftMotion” soft rubber tyres, with nylon or aluminium wheel centre



110–440 kg

Tread and tyre hardness
55 Shore A

Smooth operation / floor preservation
excellent

Rolling resistance
very good

Wear resistance
good

Blickle SoftMotion

Tyre:
- high-quality elastic solid rubber “Blickle SoftMotion”, hardness 55 Shore A
- maximum operational comfort
- excellent floor preservation, particularly quiet operation
- low rolling resistance
- colour grey, non-marking
- vulcanised onto the wheel centre

Wheel centre:
- POES series: high-quality nylon 6, impact resistant, colour black
- series ALES: die-cast aluminium

Other features:
- KA version: with synthetic thread guard, small
- KF version: with synthetic thread guard, large
- high chemical resistance to many aggressive substances, except oils
- operating temperature: -20 °C to +80 °C, reduced load capacity over +35 °C (POES) or +60 °C (ALES)

Additional details:
- wheel series: page 60
- tread: page 53
- bearing types: page 84–85
- chemical resistance: page 51

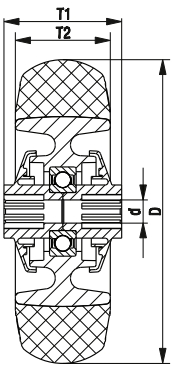
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
POES							
POES 80/8KF-SG	80	40	110	–	ball bearing (C)	8	46
POES 100/8KF-SG	100	40	150	–	ball bearing (C)	8	46
POES 125/8KA-SG	125	40	175	–	ball bearing (C)	8	46
POES 150/12KA-SG	150	50	280	–	ball bearing (CC)	12	60
POES 160/12KA-SG	160	50	300	–	ball bearing (CC)	12	60
POES 200/12KA-SG	200	50	350	–	ball bearing (CC)	12	60
ALES							
ALES 150/20K-SG	150	50	280	220	ball bearing	20	60
ALES 160/20K-SG	160	50	300	240	ball bearing	20	60
ALES 200/20K-SG	200	50	350	280	ball bearing	20	60
ALES 250/20K-SG	250	50	440	370	ball bearing	20	60

Versions / options

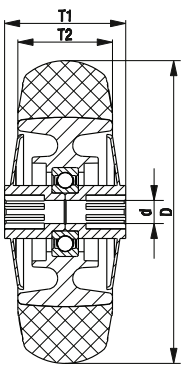


	with stainless steel ball bearing and thread guard	thread guard with additional ball bearing seals
Technical description page	84–85	85
Product code suffix	**-XKA / -XKF**	**-KAD / -KFD**
Available for	POES series	upon request

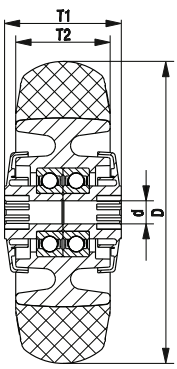
ball bearing (C) version KA



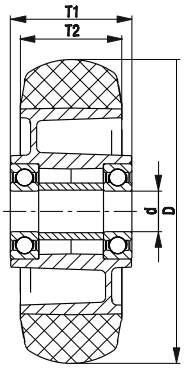
ball bearing (C) version KF



ball bearing (CC) version KA



ball bearing (ALES)



LE-POES, B-POES, LK-POES, BK-POES series

Pressed steel castors with top plate, wheel with soft rubber tyre “Blickle SoftMotion”

110–300 kg



Bracket: LE/B, LK/BK series
- LE: pressed steel, zinc-plated, blue-passivated, Cr6-free
- LK: strong pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: POES series
- tyre: high-quality elastic solid rubber “Blickle SoftMotion”, hardness 55 Shore A, colour grey, non-marking
- wheel centre: high-quality nylon 6, impact resistant, colour black

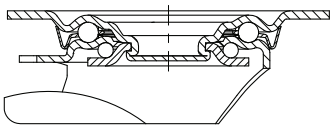
Additional details:
- bracket series: page 90, 92
- brakes: page 112–113
- wheel series: page 209
- bearing types: page 84–85

Blickle SoftMotion









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-POES 80KF-SG	**BK-POES 80KF-SG**	**LK-POES 80KF-FI-SG**	80	40	110	ball bearing (C)	110	100 x 85	80 x 60	9	40
LE-POES 100KF-SG	**B-POES 100KF-SG**	**LE-POES 100KF-FI-SG**	100	40	150	ball bearing (C)	125	100 x 85	80 x 60	9	36
LE-POES 125KA-SG	**B-POES 125KA-SG**	**LE-POES 125KA-FI-SG**	125	40	150	ball bearing (C)	150	100 x 85	80 x 60	9	38
LE-POES 150KA-SG	**B-POES 150KA-SG**	**LE-POES 150KA-FI-SG**	150	50	280	ball bearing (CC)	190	140 x 110	105 x 75–80	11	54
LE-POES 160KA-SG	**B-POES 160KA-SG**	**LE-POES 160KA-FI-SG**	160	50	300	ball bearing (CC)	195	140 x 110	105 x 75–80	11	54
LE-POES 200KA-SG	**B-POES 200KA-SG**	**LE-POES 200KA-FI-SG**	200	50	300	ball bearing (CC)	235	140 x 110	105 x 75–80	11	54

Versions / options









	with “stop-top” brake	with “central-stop” central brake system	with steel foot guard	with aluminium wheel centre
Technical description page	112	113	116	
Product code suffix	**-ST**	**-CS11**	**-FS**	**LE-ALES series**
Available for	wheel Ø 150–200 mm	wheel Ø 160–200 mm	upon request	upon request

LER-POES, LKR-POES series

Pressed steel castors with bolt hole, wheel with soft rubber tyres “Blickle SoftMotion”

110–150 kg



Blickle SoftMotion

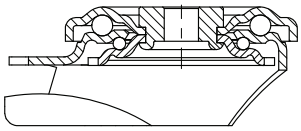
Bracket: LER/LKR series
- LER: pressed steel, zinc-plated, blue-passivated, Cr6-free
- LKR: strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: POES series
- tyre: high-quality elastic solid rubber “Blickle SoftMotion”, hardness 55 Shore A, colour grey, non-marking
- wheel centre: high-quality nylon 6, impact resistant, colour black

Additional details:
- bracket series: page 91, 92
- brakes: page 112–113
- wheel series: page 209
- bearing types: page 84–85







Swivel castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LKR-POES 80KF-SG	**LKR-POES 80KF-FI-SG**	80	40	110	ball bearing (C)	110	88	13	40
LER-POES 100KF-SG	**LER-POES 100KF-FI-SG**	100	40	150	ball bearing (C)	125	70	13	36
LER-POES 125KA-SG	**LER-POES 125KA-FI-SG**	125	40	150	ball bearing (C)	150	70	13	38

Versions / options





	with steel foot guard	truck lock
Technical description page	116	114
Product code suffix	**-FS**	**FF 100-1 / FF 125-1**
Available for	upon request	wheel Ø 100+125 mm

POEV series (wheel Ø 60–125 mm)

Heavy-duty wheels with elastic solid rubber tyre “Blickle EasyRoll”, with nylon wheel centre



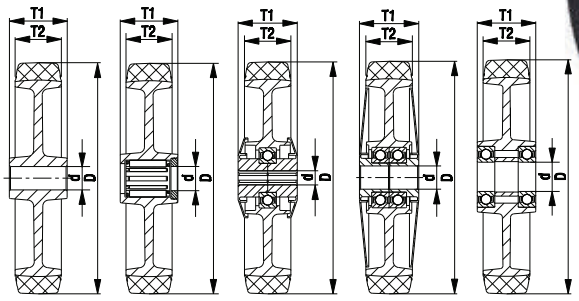
120–250 kg

Tread and tyre hardness
65 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
very good

Wear resistance
good



plain bore | roller bearing | ball bearing (C) version KA | ball bearing (CC) version KF | ball bearing

Blickle EasyRoll

Tyre:
- high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A
- very good operational comfort
- very good floor preservation, low-noise operation
- low rolling resistance
- colour black
- vulcanised onto the wheel centre

Wheel centre:
- high-quality nylon 6, impact resistant
- colour black

Other features:
- KA version: with synthetic thread guard, small
- KF version: with synthetic thread guard, large
- high chemical resistance to many aggressive substances, except oils
- operating temperature: -20 °C to +80 °C, temporarily up to +100 °C, reduced load capacity over +35 °C

Additional details:
- wheel series: page 63
- tread: page 53
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
POEV 60/8KF	60	34	120	ball bearing (CC)	8	36
POEV 80/12G	80	32	140	plain bore	12	35
POEV 80/12R	80	32	140	roller bearing	12	35
POEV 80/8KF	80	32	140	ball bearing (C)	8	36
POEV 82/8KF	80	40	170	ball bearing (C)	8	46
POEV 82/10KF	80	40	170	ball bearing (C)	10	46
POEV 100/12G	100	32	200	plain bore	12	45
POEV 100/12R	100	32	200	roller bearing	12	45
POEV 100/15R	100	32	200	roller bearing	15	45
POEV 100/8KA	100	32	200	ball bearing (C)	8	46
POEV 100/10KA	100	32	200	ball bearing (C)	10	46
POEV 100/15K	100	32	200	ball bearing	15	45
POEV 125/12G	125	37	250	plain bore	12	45
POEV 125/12R	125	37	250	roller bearing	12	45
POEV 125/15R	125	37	250	roller bearing	15	45
POEV 125/8KA	125	37	250	ball bearing (C)	8	46
POEV 125/10KA	125	37	250	ball bearing (C)	10	46
POEV 125/15K	125	37	250	ball bearing	15	45
POEV 125/20K	125	37	250	ball bearing	20	45

For other wheel Ø, see next page

Versions / options



	with non-marking grey tyre	with non-marking blue tyre	electrically conductive version, black tyre	with stainless steel roller bearing in the wheel hub	small thread guard with additional ball bearing seal	large thread guard with additional ball bearing seals	with stainless steel ball bearing and thread guard
Technical description page	52	53	50	84	85	85	84–85
Product code suffix	**-SG**	**-SB**	**-EL**	**-XR**	**-KAD**	**-KFD**	**-XKA / -XKF**
Available for	all	wheel Ø 80x32, 100, 125 mm	ball bearing versions upon request	all	all KA versions	all KF versions	all KA- and KF- versions of version -SG*

* With exception of wheel Ø 60 mm

POEV series (wheel Ø 160–300 mm)

Heavy-duty wheels with elastic solid rubber tyre “Blickle EasyRoll”, with nylon wheel centre

320–650 kg

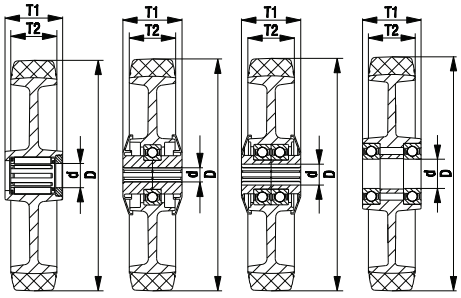


Tread and tyre hardness
65 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
very good

Wear resistance
good



roller bearing | ball bearing (C) version KA | ball bearing (CC) version KA | ball bearing

Blickle EasyRoll

Tyre:
- high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A
- very good operational comfort
- very good floor preservation, low-noise operation
- low rolling resistance
- colour black
- vulcanised onto the wheel centre

Wheel centre:
- high-quality nylon 6, impact resistant
- colour black

Other features:
- KA version: with synthetic thread guard, small
- high chemical resistance to many aggressive substances, except oils
- operating temperature: -20 °C to +80 °C, temporarily up to +100 °C, reduced load capacity over +35 °C

Additional details:
- wheel series: page 63
- tread: page 53
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
POEV 161/20R	160	40	320	roller bearing	20	60
POEV 161/12KA	160	40	320	ball bearing (C)	12	62
POEV 161/20KA	160	40	320	ball bearing (C)	20	60
POEV 160/20R	160	50	400	roller bearing	20	60
POEV 160/12KA	160	50	400	ball bearing (CC)	12	62
POEV 160/20K	160	50	400	ball bearing	20	60
POEV 201/20R	200	40	400	roller bearing	20	60
POEV 201/12KA	200	40	400	ball bearing (C)	12	62
POEV 201/20KA	200	40	400	ball bearing (C)	20	60
POEV 200/20R	200	50	500	roller bearing	20	60
POEV 200/12KA	200	50	500	ball bearing (CC)	12	62
POEV 200/20K	200	50	500	ball bearing	20	60
POEV 200/25K	200	50	500	ball bearing	25	60
POEV 250/25R	250	50	600	roller bearing	25	60
POEV 250/20K	250	50	600	ball bearing	20	60
POEV 250/25K	250	50	600	ball bearing	25	60
POEV 300/30K	300	60	650	ball bearing	30	70

Versions / options



	with non-marking grey tyre	with non-marking blue tyre	electrically conductive version, black tyre	with stainless steel roller bearing in the wheel hub	small thread guard with additional ball bearing seal	with stainless steel ball bearing and small thread guard
Technical description page	52	53	50	84	85	85
Product code suffix	**-SG**	**-SB**	**-EL**	**-XR**	**-KAD**	**-XKA**
Available for	wheel Ø 160–200, 250 mm (ball bearing versions)	wheel Ø 160x50, 200x50, 250 mm (ball bearing versions)	ball bearing versions upon request	all	all KA versions	all KA versions of version -SG, POEV 160/12KA and POEV 200/12KA

LE-POEV, B-POEV series

Pressed steel castors with top plate, wheel with “Blickle EasyRoll” elastic solid rubber tyre



120–300 kg

Bracket: LE/B series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: POEV series
- tyre: high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A, colour black
- wheel centre: high-quality nylon 6, impact resistant, colour black

Additional details:
- bracket series: page 90
- brakes: page 112–113
- wheel series: page 212–213
- bearing types: page 84–85

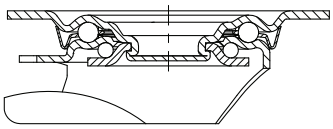
Blickle EasyRoll

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Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LE-POEV 60KF	**B-POEV 60KF**	**LE-POEV 60KF-RA ***	60	34	120	ball bearing (CC)	80	100 x 85	80 x 60	9	35
LE-POEV 80G	**B-POEV 80G**	**LE-POEV 80G-FI**	80	32	140	plain bore	102	100 x 85	80 x 60	9	38
LE-POEV 80R	**B-POEV 80R**	**LE-POEV 80R-FI**	80	32	140	roller bearing	102	100 x 85	80 x 60	9	38
LE-POEV 80KF	**B-POEV 80KF**	**LE-POEV 80KF-FI**	80	32	140	ball bearing (C)	102	100 x 85	80 x 60	9	38
LE-POEV 100G	**B-POEV 100G**	**LE-POEV 100G-FI**	100	32	150	plain bore	125	100 x 85	80 x 60	9	36
LE-POEV 100R	**B-POEV 100R**	**LE-POEV 100R-FI**	100	32	150	roller bearing	125	100 x 85	80 x 60	9	36
LE-POEV 100KA	**B-POEV 100KA**	**LE-POEV 100KA-FI**	100	32	150	ball bearing (C)	125	100 x 85	80 x 60	9	36
LE-POEV 125G	**B-POEV 125G**	**LE-POEV 125G-FI**	125	37	150	plain bore	150	100 x 85	80 x 60	9	38
LE-POEV 125R	**B-POEV 125R**	**LE-POEV 125R-FI**	125	37	150	roller bearing	150	100 x 85	80 x 60	9	38
LE-POEV 125KA	**B-POEV 125KA**	**LE-POEV 125KA-FI**	125	37	150	ball bearing (C)	150	100 x 85	80 x 60	9	38
LE-POEV 161R	**B-POEV 161R**	**LE-POEV 161R-FI**	160	40	300	roller bearing	195	140 x 110	105 x 75–80	11	54
LE-POEV 161KA	**B-POEV 161KA**	**LE-POEV 161KA-FI**	160	40	300	ball bearing (C)	195	140 x 110	105 x 75–80	11	54
LE-POEV 160R	**B-POEV 160R**	**LE-POEV 160R-FI**	160	50	300	roller bearing	195	140 x 110	105 x 75–80	11	54
LE-POEV 160KA	**B-POEV 160KA**	**LE-POEV 160KA-FI**	160	50	300	ball bearing (CC)	195	140 x 110	105 x 75–80	11	54
LE-POEV 201R	**B-POEV 201R**	**LE-POEV 201R-FI**	200	40	300	roller bearing	235	140 x 110	105 x 75–80	11	54
LE-POEV 201KA	**B-POEV 201KA**	**LE-POEV 201KA-FI**	200	40	300	ball bearing (C)	235	140 x 110	105 x 75–80	11	54
LE-POEV 200R	**B-POEV 200R**	**LE-POEV 200R-FI**	200	50	300	roller bearing	235	140 x 110	105 x 75–80	11	54
LE-POEV 200KA	**B-POEV 200KA**	**LE-POEV 200KA-FI**	200	50	300	ball bearing (CC)	235	140 x 110	105 x 75–80	11	54

* “Radstop” brake version

For stainless steel versions, see page 403

Versions / options**



	“Radstop” wheel brake	with non-marking grey tyre	with non-marking blue tyre	electrically conductive version, black tyre	with thread guard, pressed steel, zinc-plated	with “stop-top” brake	with “central-stop” central brake system
Technical description page		52	53	50	116	112	113
Product code suffix		**-SG**	**-SB**	**-EL**	**-FA**	**-ST**	**-CS11**
Available for	LE-POEV 60KF	all	wheel Ø 80–125, 160x50, 200x50 mm	ball bearing versions upon request	all, with exception of versions with KF and wheel width 40 mm	wheel Ø 160–200 mm	wheel Ø 160–200 mm

** **Other versions / options: 1.** directional lock (separate) 1 x 360°: **RI-03.01** for wheel Ø 100–125 mm, **RI-03.03** for wheel Ø 160–200 mm (only for swivel castors without brake or swivel castor with “stop-top” and “central-stop” brake upon request) **2.** stainless steel wheel bearing or ball bearing seal: see versions / options page 212–213 **3.** with steel foot guard **(-FS)**, upon request

LER-POEV series

Pressed steel castors with bolt hole, wheel with “Blickle EasyRoll” elastic solid rubber tyre



120–300 kg

Bracket: LER series
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

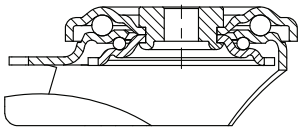
Wheel: POEV series
- tyre: high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A, colour black
- wheel centre: high-quality nylon 6, impact resistant, colour black

Additional details:
- bracket series: page 91
- brakes: page 112–113
- wheel series: page 212–213
- bearing types: page 84–85

Blickle EasyRoll







Swivel castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LER-POEV 60KF	**LER-POEV 60KF-RA ***	60	34	120	ball bearing (CC)	80	70	13	35
LER-POEV 80G	**LER-POEV 80G-FI**	80	32	140	plain bore	102	70	13	38
LER-POEV 80R	**LER-POEV 80R-FI**	80	32	140	roller bearing	102	70	13	38
LER-POEV 80KF	**LER-POEV 80KF-FI**	80	32	140	ball bearing (C)	102	70	13	38
LER-POEV 100G	**LER-POEV 100G-FI**	100	32	150	plain bore	125	70	13	36
LER-POEV 100R	**LER-POEV 100R-FI**	100	32	150	roller bearing	125	70	13	36
LER-POEV 100KA	**LER-POEV 100KA-FI**	100	32	150	ball bearing (C)	125	70	13	36
LER-POEV 125G	**LER-POEV 125G-FI**	125	37	150	plain bore	150	70	13	38
LER-POEV 125R	**LER-POEV 125R-FI**	125	37	150	roller bearing	150	70	13	38
LER-POEV 125KA	**LER-POEV 125KA-FI**	125	37	150	ball bearing (C)	150	70	13	38
LER-POEV 161R	**LER-POEV 161R-FI**	160	40	300	roller bearing	195	88	13	54
LER-POEV 161KA	**LER-POEV 161KA-FI**	160	40	300	ball bearing (C)	195	88	13	54
LER-POEV 160R	**LER-POEV 160R-FI**	160	50	300	roller bearing	195	88	13	54
LER-POEV 160KA	**LER-POEV 160KA-FI**	160	50	300	ball bearing	195	88	13	54
LER-POEV 201R	**LER-POEV 201R-FI**	200	40	300	roller bearing	235	88	13	54
LER-POEV 201KA	**LER-POEV 201KA-FI**	200	40	300	ball bearing (C)	235	88	13	54
LER-POEV 200R	**LER-POEV 200R-FI**	200	50	300	roller bearing	235	88	13	54
LER-POEV 200KA	**LER-POEV 200KA-FI**	200	50	300	ball bearing	235	88	13	54

* “Radstop” brake version

For stainless steel versions, see page 404

Versions / options















	with non-marking grey tyre	with non-marking blue tyre	electrically conductive version, black tyre	with thread guard, pressed steel, zinc-plated	with stainless steel roller bearing / ball bearing	with steel foot guard	truck lock
Technical description page	52	53	50	116	84 / 85	116	114
Product code suffix	**-SG**	**-SB**	**-EL**	**-FA**	**-XR / -XKA / XKF**	**-FS**	**FF 100-1 / FF 125-1**
Available for	all	wheel Ø 80–125, 160x50, 200x50 mm	ball bearing versions upon request	all, with exception of versions with KF and wheel width 40 mm	see versions / options page 212–213	upon request	wheel Ø 100+125 mm

L-POEV, B-POEV, BH-POEV series

Pressed steel castors, medium-duty version, with top plate, wheel with “Blickle EasyRoll” elastic solid rubber tyres



140–500 kg

Bracket: L/B/BH series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 150 mm)
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: POEV series
- tyre: high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A, colour black
- wheel centre: high-quality nylon 6, impact resistant, colour black

Additional details:
- bracket series: page 91
- brakes: page 112–113
- wheel series: page 212–213
- bearing types: page 84–85

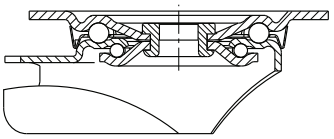
Blickle EasyRoll

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Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-POEV 80G	**B-POEV 80G**	**L-POEV 80G-FI**	80	32	140	plain bore	102	100 x 85	80 x 60	9	38
L-POEV 80R	**B-POEV 80R**	**L-POEV 80R-FI**	80	32	140	roller bearing	102	100 x 85	80 x 60	9	38
L-POEV 80KF	**B-POEV 80KF**	**L-POEV 80KF-FI**	80	32	140	ball bearing (C)	102	100 x 85	80 x 60	9	38
L-POEV 100G	**B-POEV 100G**	**L-POEV 100G-FI**	100	32	200	plain bore	125	100 x 85	80 x 60	9	36
L-POEV 100R	**B-POEV 100R**	**L-POEV 100R-FI**	100	32	200	roller bearing	125	100 x 85	80 x 60	9	36
L-POEV 100KA	**B-POEV 100KA**	**L-POEV 100KA-FI**	100	32	200	ball bearing (C)	125	100 x 85	80 x 60	9	36
L-POEV 125G	**B-POEV 125G**	**L-POEV 125G-FI**	125	37	250	plain bore	150	100 x 85	80 x 60	9	38
L-POEV 125R	**B-POEV 125R**	**L-POEV 125R-FI**	125	37	250	roller bearing	150	100 x 85	80 x 60	9	38
L-POEV 125KA	**B-POEV 125KA**	**L-POEV 125KA-FI**	125	37	250	ball bearing (C)	150	100 x 85	80 x 60	9	38
L-POEV 161R	**B-POEV 161R**	**L-POEV 161R-FI**	160	40	320	roller bearing	195	140 x 110	105 x 75–80	11	60
L-POEV 161KA	**B-POEV 161KA**	**L-POEV 161KA-FI**	160	40	320	ball bearing (C)	195	140 x 110	105 x 75–80	11	60
L-POEV 160R	**B-POEV 160R**	**L-POEV 160R-FI**	160	50	400	roller bearing	195	140 x 110	105 x 75–80	11	60
L-POEV 160KA	**B-POEV 160KA**	**L-POEV 160KA-FI**	160	50	400	ball bearing (CC)	195	140 x 110	105 x 75–80	11	60
L-POEV 201R	**B-POEV 201R**	**L-POEV 201R-FI**	200	40	400	roller bearing	235	140 x 110	105 x 75–80	11	65
L-POEV 201KA	**B-POEV 201KA**	**L-POEV 201KA-FI**	200	40	400	ball bearing (C)	235	140 x 110	105 x 75–80	11	65
L-POEV 200R	**B-POEV 200R**	**L-POEV 200R-FI**	200	50	400	roller bearing	235	140 x 110	105 x 75–80	11	65
L-POEV 200KA	**B-POEV 200KA**	**L-POEV 200KA-FI**	200	50	400	ball bearing (CC)	235	140 x 110	105 x 75–80	11	65
L-POEV 250R-3	**BH-POEV 250R**	*	250	50	500	roller bearing	295	140 x 110	105 x 75–80	11	77
L-POEV 250K-3	**BH-POEV 250K**	*	250	50	500	ball bearing	295	140 x 110	105 x 75–80	11	77

* “stop-top” brake version, see versions / options

For stainless steel versions, see page 405

Versions / options**















	with non-marking grey tyre	with non-marking blue tyre	electrically conductive version, black tyre	with thread guard, pressed steel, zinc-plated	with “stop-top” brake	with “central-stop” central brake system	with steel foot guard
Technical description page	52	53	50	116	112	113	116
Product code suffix	**-SG**	**-SB**	**-EL**	**-FA**	**-ST**	**-CS11**	**-FS**
Available for	all wheel Ø 80–200 mm Ø 250 ball bearing only	wheel Ø 80–125, 160x50, 200x50 mm	ball bearing versions upon request	all, with exception of versions with KF and wheel width 40 mm	wheel Ø 80–250 mm	wheel Ø 160+200 mm	wheel Ø 100–250 mm upon request

** **Other versions / options: 1.** directional lock (separate) 1 x 360°: **RI-03.01** for wheel Ø 100–125 mm, **RI-05.03** for wheel Ø 160–200 mm (only for swivel castors without brake or swivel castor with “stop-top” and “central-stop” brake upon request) **2.** stainless steel wheel bearing or ball bearing seal: see versions / options page 212–213

LK-POEV, BK-POEV, BH-POEV series

Pressed steel castors, heavy-duty design, with top plate, wheel with “Blickle EasyRoll” elastic solid rubber tyre

170–500 kg



Blickle EasyRoll

Bracket: LK/BK/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 125x50 mm)
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

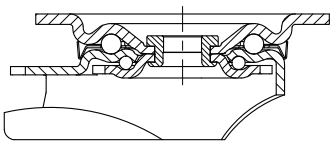
Wheel: POEV series
- tyre: high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A, colour black
- wheel centre: high-quality nylon 6, impact resistant, colour black

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 212–213
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-POEV 82KF	**BK-POEV 82KF**	**LK-POEV 82KF-FI**	80	40	170	ball bearing (C)	110	100 x 85	80 x 60	9	40
LK-POEV 100R-1	**BK-POEV 100R-1**	**LK-POEV 100R-1-FI**	100	32	200	roller bearing	130	100 x 85	80 x 60	9	45
LK-POEV 100KA-1	**BK-POEV 100KA-1**	**LK-POEV 100KA-1-FI**	100	32	200	ball bearing (C)	130	100 x 85	80 x 60	9	45
LK-POEV 100R-3	**BK-POEV 100R-3**	**LK-POEV 100R-3-FI**	100	32	200	roller bearing	130	140 x 110	105 x 75–80	11	45
LK-POEV 100KA-3	**BK-POEV 100KA-3**	**LK-POEV 100KA-3-FI**	100	32	200	ball bearing (C)	130	140 x 110	105 x 75–80	11	45
LK-POEV 125R-1	**BK-POEV 125R-1**	**LK-POEV 125R-1-FI**	125	37	250	roller bearing	155	100 x 85	80 x 60	9	48
LK-POEV 125KA-1	**BK-POEV 125KA-1**	**LK-POEV 125KA-1-FI**	125	37	250	ball bearing (C)	155	100 x 85	80 x 60	9	48
LK-POEV 125R-3	**BK-POEV 125R-3**	**LK-POEV 125R-3-FI**	125	37	250	roller bearing	155	140 x 110	105 x 75–80	11	48
LK-POEV 125KA-3	**BK-POEV 125KA-3**	**LK-POEV 125KA-3-FI**	125	37	250	ball bearing (C)	155	140 x 110	105 x 75–80	11	48
LK-POEV 160R	**BH-POEV 160R**	**LK-POEV 160R-FI**	160	50	400	roller bearing	202	140 x 110	105 x 75–80	11	60
LK-POEV 160KA	**BH-POEV 160KA**	**LK-POEV 160KA-FI**	160	50	400	ball bearing (CC)	202	140 x 110	105 x 75–80	11	60
LK-POEV 200R	**BH-POEV 200R**	**LK-POEV 200R-FI**	200	50	500	roller bearing	245	140 x 110	105 x 75–80	11	62
LK-POEV 200KA	**BH-POEV 200KA**	**LK-POEV 200KA-FI**	200	50	500	ball bearing (CC)	245	140 x 110	105 x 75–80	11	62

For stainless steel versions, see page 406

Versions / options *















	with non-marking grey tyre	with non-marking blue tyre	electrically conductive version, black tyre	with “stop-top” brake	with “central-stop” central brake system	with “ideal-stop” brake total height +17 mm	with steel foot guard
Technical description page	52	53	50	112	113	112	116
Product code suffix	**-SG**	**-SB**	**-EL**	**-ST**	**-CS11**	**-IS**	**-FS**
Available for	all	wheel Ø 100–200 mm	ball bearing versions upon request	all	wheel Ø 100–125 mm	wheel Ø 100–200 mm with plate 140x110 mm**	wheel Ø 100–200 mm upon request

* **Other versions / options: 1.** pressed steel thread guard, zinc-plated (**-FA**), available for wheel Ø 100–200 mm; **2.** stainless steel wheel bearing or ball bearing seal: see versions / options page 212-213
3. directional lock (separate) 1 x 360°: **RI-05.01** for wheel Ø 80-100 mm with 100x85 mm plate, **RI-03.03** for wheel Ø 100-125 mm with 140x110 mm plate, **RI-05.03** for wheel Ø 160-200 mm (only for swivel castors without brake or swivel castor with “stop-top” and “central-stop” brake upon request)

** Synthetic adapter plate to balance out total height for swivel and fixed castors without “ideal-stop” brake: **product code AP3-17**

LKR-POEV series

Pressed steel castors, heavy-duty design, with bolt hole, wheel with “Blickle EasyRoll” elastic solid rubber tyre



170–250 kg

Bracket: LKR series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

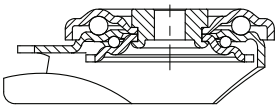
Wheel: POEV series
- tyre: high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A, colour black
- wheel centre: high-quality nylon 6, impact resistant, colour black

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 212–213
- bearing types: page 84–85

Blickle EasyRoll







Swivel castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LKR-POEV 82KF	**LKR-POEV 82KF-FI**	80	40	170	ball bearing (C)	110	88	13	40
LKR-POEV 100R	**LKR-POEV 100R-FI**	100	32	200	roller bearing	130	88	13	45
LKR-POEV 100KA	**LKR-POEV 100KA-FI**	100	32	200	ball bearing (C)	130	88	13	45
LKR-POEV 125R	**LKR-POEV 125R-FI**	125	37	250	roller bearing	155	88	13	48
LKR-POEV 125KA	**LKR-POEV 125KA-FI**	125	37	250	ball bearing (C)	155	88	13	48

Versions / options















	with non-marking grey tyre	with non-marking blue tyre	electrically conductive version, black tyre	with thread guard, pressed steel, zinc-plated	with stainless steel roller bearing / ball bearing	small thread guard with additional ball bearing seal	truck lock
Technical description page	52	53	50	116	84 / 85	85	114
Product code suffix	**-SG**	**-SB**	**-EL**	**-FA**	**-XR / -XKA / XKF**	**-KAD**	**FF 100-1 / FF 125-1**
Available for	all	wheel Ø 100–125 mm	ball bearing versions upon request	all with exception of wheel Ø 80 mm	see versions / options page 212	ball bearing versions	wheel Ø 100+125 mm

LH-POEV, BH-POEV series

Pressed steel castors, heavy-duty design, with top plate, wheel with “Blickle EasyRoll” elastic solid rubber tyre

170–600 kg



Blickle EasyRoll

Bracket: LH/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- heavy fork and top plate

Swivel bracket:
- double ball bearing in the swivel head
- bolted and secured central kingpin, extremely strong
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**

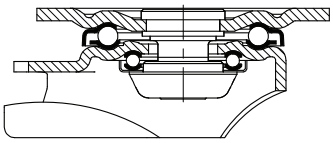
Wheel: POEV series
- tyre: high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A, colour black
- wheel centre: high-quality nylon 6, impact resistant, colour black

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 212–213
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-POEV 82KF	**BH-POEV 82KF**	**LH-POEV 82KF-FI**	80	40	170	ball bearing (C)	120	100 x 85	80 x 60	9	45
LH-POEV 100R-1	**BH-POEV 100R-1**	**LH-POEV 100R-1-FI**	100	32	200	roller bearing	140	100 x 85	80 x 60	9	45
LH-POEV 100K-1	**BH-POEV 100K-1**	**LH-POEV 100K-1-FI**	100	32	200	ball bearing	140	100 x 85	80 x 60	9	45
LH-POEV 100R-3	**BH-POEV 100R-3**	**LH-POEV 100R-3-FI**	100	32	200	roller bearing	140	140 x 110	105 x 75–80	11	45
LH-POEV 100K-3	**BH-POEV 100K-3**	**LH-POEV 100K-3-FI**	100	32	200	ball bearing	140	140 x 110	105 x 75–80	11	45
LH-POEV 125R-1	**BH-POEV 125R-1**	**LH-POEV 125R-1-FI**	125	37	250	roller bearing	165	100 x 85	80 x 60	9	45
LH-POEV 125K-1	**BH-POEV 125K-1**	**LH-POEV 125K-1-FI**	125	37	250	ball bearing	165	100 x 85	80 x 60	9	45
LH-POEV 125R-3	**BH-POEV 125R-3**	**LH-POEV 125R-3-FI**	125	37	250	roller bearing	165	140 x 110	105 x 75–80	11	45
LH-POEV 125K-3	**BH-POEV 125K-3**	**LH-POEV 125K-3-FI**	125	37	250	ball bearing	165	140 x 110	105 x 75–80	11	45
LH-POEV 160R	**BH-POEV 160R**	**LH-POEV 160R-FI**	160	50	400	roller bearing	202	140 x 110	105 x 75–80	11	65
LH-POEV 160KA	**BH-POEV 160KA**	**LH-POEV 160KA-FI**	160	50	400	ball bearing (CC)	202	140 x 110	105 x 75–80	11	65
LH-POEV 200R	**BH-POEV 200R**	**LH-POEV 200R-FI**	200	50	500	roller bearing	245	140 x 110	105 x 75–80	11	70
LH-POEV 200KA	**BH-POEV 200KA**	**LH-POEV 200KA-FI**	200	50	500	ball bearing (CC)	245	140 x 110	105 x 75–80	11	70
LH-POEV 250R	**BH-POEV 250R**	*	250	50	600	roller bearing	295	140 x 110	105 x 75–80	11	82
LH-POEV 250K	**BH-POEV 250K**	*	250	50	600	ball bearing	295	140 x 110	105 x 75–80	11	82

* “stop-top” brake version, see versions / options

Versions / options**















	with non-marking grey tyre	with non-marking blue tyre	electrically conductive version, black tyre	with “stop-top” brake	with “central-stop” central brake system	with “ideal-stop” brake total height +17 mm	with steel foot guard
Technical description page	52	53	50	112	113	112	116
Product code suffix	**-SG**	**-SB**	**-EL**	**-ST**	**-CS13**	**-IS**	**-FS**
Available for	all wheel Ø 80–200 mm Ø 250 ball bearing only	wheel Ø 100–200 mm	ball bearing versions upon request	all	wheel Ø 160–200 mm	wheel Ø 160–200 mm***	upon request

** **Other versions / options: 1.** pressed steel thread guard, zinc-plated (**-FA**), available for wheel Ø 100–250 mm upon request; **2.** stainless steel wheel bearing or ball bearing seal: see versions/options page 212-213
3. directional lock (separate) 1 x 360°: **RI-04.01** for wheel Ø 80-125 mm with 100x85 mm plate, **RI-05.03** for wheel Ø 160-200 mm (only for swivel castors without brake or swivel castor with “stop-top”and “central-stop”brake upon request)

*** Synthetic adapter plate to balance out total height for swivel and fixed castors without “ideal-stop” brake: **product code AP3-17**

LUH-POEV, BH-POEV series

Pressed steel castors, heavy-duty design, enclosed, with top plate, wheel with “Blickle EasyRoll” elastic solid rubber tyre



400–500 kg

Bracket: LUH/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- four-point ball bearing for extremely heavy loads
- enclosed and sealed swivel head
- particularly resistant to shocks and impact due to **specially-shaped, hardened bearing seats**

Wheel: POEV series
- tyre: high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A, colour black
- wheel centre: high-quality nylon 6, impact resistant, colour black

Additional details:
- bracket series: page 93
- brakes: page 112–113
- wheel series: page 212–213
- bearing types: page 84–85

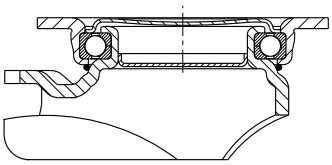
Blickle EasyRoll

3









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LUH-POEV 160R	**BH-POEV 160R**	**LUH-POEV 160R-FI**	160	50	400	roller bearing	202	140 x 110	105 x 75–80	11	61
LUH-POEV 160KA	**BH-POEV 160KA**	**LUH-POEV 160KA-FI**	160	50	400	ball bearing (CC)	202	140 x 110	105 x 75–80	11	61
LUH-POEV 200R	**BH-POEV 200R**	**LUH-POEV 200R-FI**	200	50	500	roller bearing	245	140 x 110	105 x 75–80	11	63
LUH-POEV 200KA	**BH-POEV 200KA**	**LUH-POEV 200KA-FI**	200	50	500	ball bearing (CC)	245	140 x 110	105 x 75–80	11	63

Versions / options *



	with non-marking grey tyre	with non-marking blue tyre	electrically conductive version, black tyre	with thread guard, pressed steel, zinc-plated	directional lock (separate) 1 x 360°	with stainless steel roller bearing in the wheel hub	with steel foot guard
Technical description page	52	53	50	116	115	84	116
Product code suffix	**-SG**	**-SB**	**-EL**	**-FA**	**RI-05.03**	**-XR**	**-FS**
Available for	all	all	ball bearing versions upon request	all	all**	all	upon request

* **Other versions / options: 1.** wheel with additional ball bearing seal (**-KAD**), available for all (see page 84 for technical information)
2. stainless steel ball bearing and thread guard, small (**-XKA**), available for all KA versions of -SG version, non-marking grey (see page 84 for technical information)

** Only for swivel castors without brake

ALEV series

Heavy-duty wheels with elastic solid rubber tyre “Blickle EasyRoll”, with aluminium wheel centre



200–650 kg

Tread and tyre hardness
65 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
very good

Wear resistance
good

Blickle EasyRoll

Tyre:
- high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A
- very good operational comfort
- very good floor preservation, low-noise operation
- low rolling resistance
- colour black
- vulcanised onto the wheel centre

Wheel centre:
- die-cast aluminium

Other features:
- high chemical resistance to many aggressive substances, except oils
- operating temperature: -20 °C to +80 °C, temporarily up to +100 °C, reduced load capacity over +60 °C

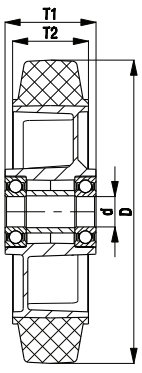
Additional details:
- wheel series: page 63
- tread: page 53
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
ALEV 100/15K	100	40	200	–	ball bearing	15	40
ALEV 125/15K	125	40	250	–	ball bearing	15	45
ALEV 127/20K	125	50	300	150	ball bearing	20	60
ALEV 140/20K	140	40	300	150	ball bearing	20	60
ALEV 150/20K	150	50	400	200	ball bearing	20	60
ALEV 161/15K	160	40	300	150	ball bearing	15	60
ALEV 160/20K	160	50	400	200	ball bearing	20	60
ALEV 160/25K	160	50	400	200	ball bearing	25	60
ALEV 180/20K	180	50	450	220	ball bearing	20	60
ALEV 180/25K	180	50	450	220	ball bearing	25	60
ALEV 200/20K	200	50	500	250	ball bearing	20	60
ALEV 200/25K	200	50	500	250	ball bearing	25	60
ALEV 250/20K	250	50	650	320	ball bearing	20	60
ALEV 250/25K	250	50	650	320	ball bearing	25	60

Versions / options



	with non-marking grey tyre	antistatic version, non-marking, grey tyre	electrically conductive version, black tyre
Technical description page	52	53	50
Product code suffix	**-SG**	**-SG-AS**	**-EL**
Available for	all	wheel Ø 100, 125x40, 160x50, 200, 250 mm	wheel Ø 100, 125x40, 160, 200, 250 mm



L-ALEV, B-ALEV, BH-ALEV series

Pressed steel castors, medium-duty version, with top plate, wheel with “Blickle EasyRoll” elastic solid rubber tyres

200–500 kg



Blickle EasyRoll

Bracket: L/B/BH series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 150 mm)
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

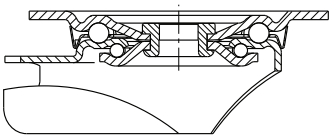
Wheel: ALEV series
- tyre: high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A, colour black
- wheel centre: die-cast aluminium

Additional details:
- bracket series: page 91
- brakes: page 112–113
- wheel series: page 221
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-ALEV 100K	**B-ALEV 100K**	**L-ALEV 100K-FI**	100	40	200	ball bearing	125	100 x 85	80 x 60	9	36
L-ALEV 125K	**B-ALEV 125K**	**L-ALEV 125K-FI**	125	40	250	ball bearing	150	100 x 85	80 x 60	9	38
L-ALEV 150K	**B-ALEV 150K**	**L-ALEV 150K-FI**	150	50	400	ball bearing	190	140 x 110	105 x 75–80	11	60
L-ALEV 161K	**B-ALEV 161K**	**L-ALEV 161K-FI**	160	40	300	ball bearing	195	140 x 110	105 x 75–80	11	60
L-ALEV 160K	**B-ALEV 160K**	**L-ALEV 160K-FI**	160	50	400	ball bearing	195	140 x 110	105 x 75–80	11	60
L-ALEV 180K	**B-ALEV 180K**	**L-ALEV 180K-FI**	180	50	400	ball bearing	215	140 x 110	105 x 75–80	11	60
L-ALEV 200K	**B-ALEV 200K**	**L-ALEV 200K-FI**	200	50	400	ball bearing	235	140 x 110	105 x 75–80	11	65
L-ALEV 250K-3	**BH-ALEV 250K**	*	250	50	500	ball bearing	295	140 x 110	105 x 75–80	11	77

* “stop-top” brake version, see versions / options

Versions / options



	with non-marking grey tyre	antistatic version, non-marking, grey tyre	electrically conductive version, black tyre	with “stop-top” brake	with “central-stop” central brake system	with directional lock (separate) 1x 360°	with steel foot guard
Technical description page	52	53	50	112	113	115	116
Product code suffix	**-SG**	**-SG-AS**	**-EL**	**-ST**	**-CS11**	**see ****	**-FS**
Available for	all	wheel Ø 100, 125x40, 160x50, 200, 250 mm	wheel Ø 100, 125, 160, 200, 250 mm	all	wheel Ø 160+200 mm	for wheel Ø and plate dimensions, see**	all

** **RI-03.01** for wheel Ø 100–125 mm, **RI-05.03** for wheel Ø 150–200 mm (Only for swivel castors without brake or swivel castor with “stop-top” and “central-stop” brake upon request)

LK-ALEV, BK-ALEV, BH-ALEV series

Pressed steel castors, heavy-duty design, with top plate, wheel with “Blickle EasyRoll” elastic solid rubber tyre



200–500 kg

Bracket: LK/BK/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 125x50 mm)
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: ALEV series
- tyre: high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A, colour black
- wheel centre: die-cast aluminium

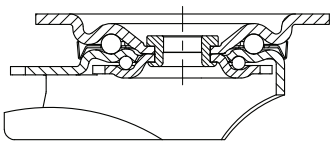
Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 221
- bearing types: page 84–85

Blickle EasyRoll









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-ALEV 100K-1	**BK-ALEV 100K-1**	**LK-ALEV 100K-1-FI**	100	40	200	ball bearing	130	100 x 85	80 x 60	9	45
LK-ALEV 100K-3	**BK-ALEV 100K-3**	**LK-ALEV 100K-3-FI**	100	40	200	ball bearing	130	140 x 110	105 x 75–80	11	45
LK-ALEV 125K-1	**BK-ALEV 125K-1**	**LK-ALEV 125K-1-FI**	125	40	250	ball bearing	155	100 x 85	80 x 60	9	48
LK-ALEV 125K-3	**BK-ALEV 125K-3**	**LK-ALEV 125K-3-FI**	125	40	250	ball bearing	155	140 x 110	105 x 75–80	11	48
LK-ALEV 127K	**BH-ALEV 127K**	**LK-ALEV 127K-FI**	125	50	300	ball bearing	170	140 x 110	105 x 75–80	11	55
LK-ALEV 150K	**BH-ALEV 150K**	**LK-ALEV 150K-FI**	150	50	400	ball bearing	197	140 x 110	105 x 75–80	11	60
LK-ALEV 160K	**BH-ALEV 160K**	**LK-ALEV 160K-FI**	160	50	400	ball bearing	202	140 x 110	105 x 75–80	11	60
LK-ALEV 180K	**BH-ALEV 180K**	**LK-ALEV 180K-FI**	180	50	450	ball bearing	223	140 x 110	105 x 75–80	11	65
LK-ALEV 200K	**BH-ALEV 200K**	**LK-ALEV 200K-FI**	200	50	500	ball bearing	245	140 x 110	105 x 75–80	11	62

Versions / options *



	with non-marking grey tyre	antistatic version, non-marking, grey tyre	electrically conductive version, black tyre	with “stop-top” brake	with “central-stop” central brake system	with “ideal-stop” brake total height +17 mm	with directional lock (separate) 1x 360°
Technical description page	52	53	50	112	113	112	115
Product code suffix	**-SG**	**-SG-AS**	**-EL**	**-ST**	**-CS11**	**-IS**	**see ***
Available for	all	wheel Ø 100, 125x40, 160, 200, 250 mm	wheel Ø 100, 125x40, 160, 200 mm	all	wheel Ø 100–125x40 mm	wheel Ø 100, 125, 160, 200 mm with plate 140x110 mm**	for wheel Ø and plate dimensions, see***

* **Other versions / options:** steel foot guard (**-FS**), available upon request

** Synthetic adapter plate to balance out total height for swivel and fixed castors without “ideal-stop” brake: **product code AP3-17**

*** **RI-05.01** for wheel Ø 100–125 mm with plate 100x85 mm, **RI-03.03** for wheel Ø 100–125x40 mm with plate 140x110 mm, **RI-05.03** for wheel Ø 125x50–200 mm
(Only for swivel castors without brake or swivel castor with “stop-top” and “central-stop” brake upon request)

LH-ALEV, BH-ALEV series

Pressed steel castors, heavy-duty design, with top plate, wheel with “Blickle EasyRoll” elastic solid rubber tyre



200–650 kg

Bracket: LH/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- heavy fork and top plate

Swivel bracket:
- double ball bearing in the swivel head
- bolted and secured central kingpin, extremely strong
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**

Wheel: ALEV series
- tyre: high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A, colour black
- wheel centre: die-cast aluminium

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 221
- bearing types: page 84–85

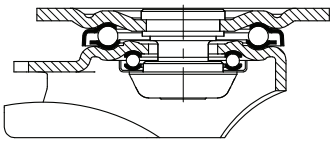
Blickle EasyRoll

3









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-ALEV 100K-1	**BH-ALEV 100K-1**	**LH-ALEV 100K-1-FI**	100	40	200	ball bearing	140	100 x 85	80 x 60	9	45
LH-ALEV 100K-3	**BH-ALEV 100K-3**	**LH-ALEV 100K-3-FI**	100	40	200	ball bearing	140	140 x 110	105 x 75–80	11	45
LH-ALEV 125K-1	**BH-ALEV 125K-1**	**LH-ALEV 125K-1-FI**	125	40	250	ball bearing	165	100 x 85	80 x 60	9	45
LH-ALEV 125K-3	**BH-ALEV 125K-3**	**LH-ALEV 125K-3-FI**	125	40	250	ball bearing	165	140 x 110	105 x 75–80	11	45
LH-ALEV 127K	**BH-ALEV 127K**	**LH-ALEV 127K-FI**	125	50	300	ball bearing	170	140 x 110	105 x 75–80	11	55
LH-ALEV 150K	**BH-ALEV 150K**	**LH-ALEV 150K-FI**	150	50	400	ball bearing	197	140 x 110	105 x 75–80	11	65
LH-ALEV 160K	**BH-ALEV 160K**	**LH-ALEV 160K-FI**	160	50	400	ball bearing	202	140 x 110	105 x 75–80	11	65
LH-ALEV 180K	**BH-ALEV 180K**	**LH-ALEV 180K-FI**	180	50	450	ball bearing	223	140 x 110	105 x 75–80	11	67
LH-ALEV 200K	**BH-ALEV 200K**	**LH-ALEV 200K-FI**	200	50	500	ball bearing	245	140 x 110	105 x 75–80	11	70
LH-ALEV 250K	**BH-ALEV 250K**	*	250	50	650	ball bearing	295	140 x 110	105 x 75–80	11	82

* “stop-top” brake version, see versions / options

Versions / options**















	with non-marking grey tyre	antistatic version, non-marking, grey tyre	electrically conductive version, black tyre	with “stop-top” brake	with “central-stop” central brake system	with “ideal-stop” brake total height +17 mm	with directional lock (separate) 1x 360°
Technical description page	52	53	50	112	113	112	115
Product code suffix	**-SG**	**-SG-AS**	**-EL**	**-ST**	**-CS13**	**-IS**	**see ******
Available for	all	wheel Ø 100, 125x40, 160, 200, 250 mm	wheel Ø 100, 125x40, 160, 200, 250 mm	all	wheel Ø 160+200 mm	wheel Ø 160+200 mm***	for wheel Ø and plate dimensions, see****

** **Other versions / options:** steel foot guard (**-FS**), available for all

*** Synthetic adapter plate to balance out total height for swivel and fixed castors without “ideal-stop” brake: **product code AP3-17**

**** **RI-04.01** for wheel Ø 100–125x40 mm with plate 100x85 mm, **RI-04.03** for wheel Ø 100–125x40 mm with plate 140x110 mm, **RI-05.03** for wheel Ø 125x50–200 mm
(Only for swivel castors without brake or swivel castor with “stop-top” and “central-stop” brake upon request)

LUH-ALEV, BH-ALEV series

Pressed steel castors, heavy-duty design, enclosed, with top plate, wheel with “Blickle EasyRoll” elastic solid rubber tyre



300–500 kg

Bracket: LUH/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- four-point ball bearing for extremely heavy loads
- enclosed and sealed swivel head
- particularly resistant to shocks and impact due to **specially-shaped, hardened bearing seats**

Wheel: ALEV series
- tyre: high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A, colour black
- wheel centre: die-cast aluminium

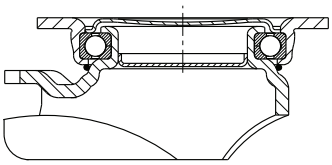
Additional details:
- bracket series: page 93
- brakes: page 112–113
- wheel series: page 221
- bearing types: page 84–85

Blickle EasyRoll









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LUH-ALEV 127K	**BH-ALEV 127K**	**LUH-ALEV 127K-FI**	125	50	300	ball bearing	170	140 x 110	105 x 75–80	11	55
LUH-ALEV 150K	**BH-ALEV 150K**	**LUH-ALEV 150K-FI**	150	50	400	ball bearing	197	140 x 110	105 x 75–80	11	61
LUH-ALEV 160K	**BH-ALEV 160K**	**LUH-ALEV 160K-FI**	160	50	400	ball bearing	202	140 x 110	105 x 75–80	11	61
LUH-ALEV 200K	**BH-ALEV 200K**	**LUH-ALEV 200K-FI**	200	50	500	ball bearing	245	140 x 110	105 x 75–80	11	63

Versions / options











	with non-marking grey tyre	antistatic version, non-marking, grey tyre	electrically conductive version, black tyre	directional lock (separate) 1 x 360°	with steel foot guard
Technical description page	52	53	50	115	116
Product code suffix	**-SG**	**-SG-AS**	**-EL**	**RI-05.03**	**-FS**
Available for	all	wheel Ø 160–200 mm	wheel Ø 160–200 mm	all*	upon request

* Only for swivel castors without brake

LO-ALEV, BO-ALEV series

Welded steel heavy-duty castors, wheel with “Blickle EasyRoll” elastic solid rubber tyre



300–650 kg

Bracket: LO/BO series
- solid welded steel construction, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- **four specially-shaped, hardened bearing seats** for additional strength
- bolted and secured welded central kingpin, extremely strong
- swivel head seal with labyrinth design
- grease nipple

Wheel: ALEV series
- tyre: high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A, colour black
- wheel centre: die-cast aluminium

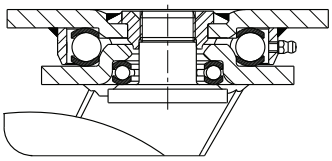
Additional details:
- bracket series: page 93
- brakes: page 112–113
- wheel series: page 221
- bearing types: page 84–85

Blickle EasyRoll









Swivel castors	Fixed castors	Swivel castor with “stop-top” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LO-ALEV 127K	**BO-ALEV 127K**	**LO-ALEV 127K-ST**	125	50	300	ball bearing	170	140 x 110	105 x 75–80	11	50
LO-ALEV 150K	**BO-ALEV 150K**	**LO-ALEV 150K-ST**	150	50	400	ball bearing	200	140 x 110	105 x 75–80	11	55
LO-ALEV 160K	**BO-ALEV 160K**	**LO-ALEV 160K-ST**	160	50	400	ball bearing	205	140 x 110	105 x 75–80	11	55
LO-ALEV 200K	**BO-ALEV 200K**	**LO-ALEV 200K-ST**	200	50	500	ball bearing	245	140 x 110	105 x 75–80	11	60
LO-ALEV 250K	**BO-ALEV 250K**	**LO-ALEV 250K-ST**	250	50	650	ball bearing	295	140 x 110	105 x 75–80	11	70

Versions / options



	with non-marking grey tyre	antistatic version, non-marking, grey tyre	electrically conductive version, black tyre	with directional lock 4 x 90°	with steel foot guard	truck lock
Technical description page	52	53	50	115	116	114
Product code suffix	**-SG**	**-SG-AS**	**-EL**	**-RI4**	**-FS**	**FF 125 / 150 / 160 / 200**
Available for	all	wheel Ø 160–250 mm	wheel Ø 160–250 mm	wheel Ø 125–200 mm	upon request	wheel Ø 125–200 mm

LHD-SE, BOD-SE, LHD-ALEV, BOD-ALEV series

Pressed steel twin wheel castors, heavy-duty brackets, with top plate, wheel with “Blickle EasyRoll” elastic solid rubber tyre

360–500 kg



Blickle EasyRoll

Bracket: LHD/BOD series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free (fixed bracket: solid welded steel construction)
- heavy fork and top plate

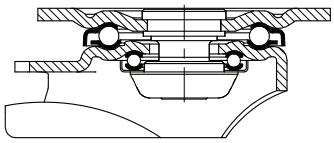
Swivel bracket:
- double ball bearing in the swivel head
- bolted and secured central kingpin, extremely strong
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**

Wheel: ALEV/SE series
- tyre: high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A, colour black
- wheel centre: ALEV series: die-cast aluminium series SE: high-quality nylon 6, impact resistant, black

Additional details:
- bracket series: page 93
- wheel series: page 221, 228
- bearing types: page 84–85







Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LHD-SE 80K	**BOD-SE 80K**	80	2 x 45	360	ball bearing	115	140 x 110	105 x 75–80	11	45
LHD-ALEV 100K	**BOD-ALEV 100K**	100	2 x 40	400	ball bearing	145	140 x 110	105 x 75–80	11	45
LHD-ALEV 125K	**BOD-ALEV 125K**	125	2 x 40	500	ball bearing	170	140 x 110	105 x 75–80	11	50

Fixed castors: long side of plate parallel to the wheel axle

Versions / options







	with non-marking grey tyre	antistatic version, non-marking, grey tyre	electrically conductive version, black tyre
Technical description page	52	53	50
Product code suffix	**-SG**	**-SG-AS**	**-EL**
Available for	wheel Ø 100–125 mm	wheel Ø 100–125 mm	wheel Ø 100–125 mm

SE series

Heavy-duty wheels with elastic solid rubber tyre “Blickle EasyRoll”, with welded steel wheel centre or nylon wheel centre



200–1,150 kg

Tread and tyre hardness
65 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
very good

Wear resistance
good

Blickle EasyRoll

Tyre:
- high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A
- very good operational comfort
- very good floor preservation, low-noise operation
- low rolling resistance
- colour black
- vulcanised onto the wheel centre or product code ...-Z: steel-wire reinforced and pressed-on

Wheel centre:
- thick-walled pressed steel, with tubular steel hub, triple welded
- resistant to dirt, impact and shocks
- lacquered, colour anthracite
- wheel Ø 80–125 mm made from high-quality nylon 6, impact resistant, colour black

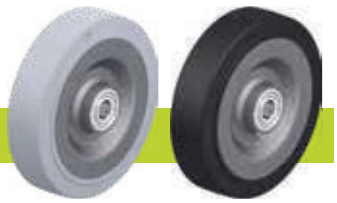
Other features:
- chemical resistance to many aggressive substances, except oils
- operating temperature: -20 °C to +80 °C, temporarily up to +100 °C, reduced load capacity over +60 °C

Additional details:
- wheel series: page 63
- tread: page 53
- bearing types: page 84–85
- chemical resistance: page 51

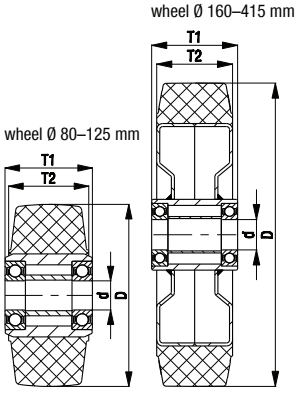
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
SE 80/20K	80	45	200	–	ball bearing	20	45
SE 100/20K	100	45	270	–	ball bearing	20	45
SE 125/20K	125	53	320	180	ball bearing	20	60
SE 160/20K	160	50	450	250	ball bearing	20	60
SE 200/20K	200	50	600	350	ball bearing	20	60
SE 200/25K	200	50	600	350	ball bearing	25	60
SE 202/25K	200	80	850	500	ball bearing	25	90
SE 250/25K	250	60	850	500	ball bearing	25	70
SE 252/25K	250	80	1,000	600	ball bearing	25	90
SE 252/30K	250	80	1,000	600	ball bearing	30	90
SE 300/30K	300	75	1,000	650	ball bearing	30	85
SE 360/30K-Z	360	75	950	760	ball bearing	30	90
SE 400/35K-Z	400	65	900	720	ball bearing	35	75
SE 415/35K-Z	415	90	1,150	920	ball bearing	35	100

For other dimensions, see wheel series GEV on page 234

Versions / options



	with non-marking grey tyre	with grease nipple
Technical description page	52	
Product code suffix	**-SG**	**-NI**
Available for	wheel Ø 125–200 mm, others upon request	wheel Ø 200–415 mm upon request



LK-SE, BK-SE, BH-SE series

Pressed steel castors, heavy-duty design, with top plate, wheel with “Blickle EasyRoll” elastic solid rubber tyre

200–600 kg



Blickle EasyRoll

Bracket: LK/BK/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 125x50 mm)
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

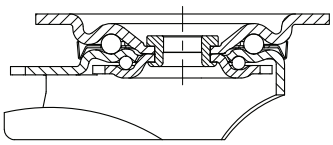
Wheel: SE series
- tyre: high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A, colour black
- wheel centre: thick-walled pressed steel, with tubular steel hub, lacquered, colour anthracite. wheel Ø 80–125 mm made from high-quality nylon 6, impact resistant, colour black

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 228
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-SE 80K	**BK-SE 80K**	**LK-SE 80K-FI**	80	45	200	ball bearing	110	100 x 85	80 x 60	9	40
LK-SE 100K-1	**BK-SE 100K-1**	**LK-SE 100K-1-FI**	100	45	270	ball bearing	130	100 x 85	80 x 60	9	45
LK-SE 100K-3	**BK-SE 100K-3**	**LK-SE 100K-3-FI**	100	45	270	ball bearing	130	140 x 110	105 x 75–80	11	45
LK-SE 125K	**BH-SE 125K**	**LK-SE 125K-FI**	125	53	320	ball bearing	170	140 x 110	105 x 75–80	11	55
LK-SE 160K	**BH-SE 160K**	**LK-SE 160K-FI**	160	50	450	ball bearing	202	140 x 110	105 x 75–80	11	60
LK-SE 200K	**BH-SE 200K**	**LK-SE 200K-FI**	200	50	600	ball bearing	245	140 x 110	105 x 75–80	11	62

Versions / options













	with non-marking grey tyre	with “stop-top” brake	directional lock (separate) 1 x 360°	directional lock (separate) 1 x 360°	directional lock (separate) 1 x 360°	with steel foot guard
Technical description page	52	112	115	115	115	116
Product code suffix	**-SG**	**-ST**	**RI-05.01**	**RI-03.03**	**RI-05.03**	**-FS**
Available for	wheel Ø 125–200 mm, others upon request	all	wheel Ø 80–100 mm with plate 100x85 mm*	wheel Ø 100 mm with plate 140x110 mm*	wheel Ø 125–200 mm*	upon request

* Only for swivel castors without brake or swivel castor with “stop-top” brake upon request

LH-SE, BH-SE series

Pressed steel castors, heavy-duty design, with top plate, wheel with “Blickle EasyRoll” elastic solid rubber tyre

200–850 kg



Blickle EasyRoll

Bracket: LH/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- heavy fork and top plate

Swivel bracket:
- double ball bearing in the swivel head
- bolted and secured central kingpin, extremely strong
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**

Wheel: SE series
- tyre: high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A, colour black
- wheel centre: thick-walled pressed steel, with tubular steel hub, lacquered, colour anthracite. wheel Ø 80–125 mm made from high-quality nylon 6, impact resistant, colour black

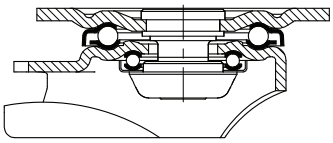
Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 228
- bearing types: page 84–85

3









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-SE 80K	**BH-SE 80K**	**LH-SE 80K-FI**	80	45	200	ball bearing	120	100 x 85	80 x 60	9	45
LH-SE 100K-1	**BH-SE 100K-1**	**LH-SE 100K-1-FI**	100	45	270	ball bearing	140	100 x 85	80 x 60	9	45
LH-SE 100K-3	**BH-SE 100K-3**	**LH-SE 100K-3-FI**	100	45	270	ball bearing	140	140 x 110	105 x 75–80	11	45
LH-SE 125K	**BH-SE 125K**	**LH-SE 125K-FI**	125	53	320	ball bearing	170	140 x 110	105 x 75–80	11	55
LH-SE 160K	**BH-SE 160K**	**LH-SE 160K-FI**	160	50	450	ball bearing	202	140 x 110	105 x 75–80	11	65
LH-SE 200K	**BH-SE 200K**	**LH-SE 200K-FI**	200	50	600	ball bearing	245	140 x 110	105 x 75–80	11	70
LH-SE 202K	**BO-SE 202K ***	**	200	80	800	ball bearing	245	140 x 110	105 x 75–80	11	70
LH-SE 250K	**BH-SE 250K**	**	250	60	850	ball bearing	295	140 x 110	105 x 75–80	11	82

* Welded steel construction

** “stop-top” brake version, see versions / options

Versions / options



	with non-marking grey tyre	with “stop-top” brake	with “central-stop” central brake system	with “ideal-stop” brake total height +17 mm	with directional lock (separate) 1x 360°	with steel foot guard	truck lock
Technical description page	52	112	113	112	115	116	114
Product code suffix	**-SG**	**-ST**	**-CS13**	**-IS**	**see ******	**-FS**	**FF 125 / 160 / 200**
Available for	wheel Ø 125–200 mm, others upon request	all	wheel Ø 160–200x50 mm	wheel Ø 160–200 mm***	for wheel Ø and plate dimensions, see****	wheel Ø 100–250 mm	wheel Ø 125–200 mm

*** Synthetic adapter plate to balance out total height for swivel and fixed castors without “ideal-stop” brake: **product code AP3-17**

**** **RI-04.01** for wheel Ø 80–100 mm with plate 100x85 mm, **RI-04.03** for wheel Ø 100 mm with plate 140x110 mm, **RI-05.03** for wheel Ø 125–200x50 mm
(Only for swivel castors without brake or swivel castor with “stop-top” and “central-stop” brake upon request)

LO-SE, BO-SE series

Welded steel heavy-duty castors, wheel with “Blickle EasyRoll” elastic solid rubber tyre



320–850 kg

Bracket: LO/BO series
- solid welded steel construction, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- **four specially-shaped, hardened bearing seats** for additional strength
- bolted and secured welded central kingpin, extremely strong
- swivel head seal with labyrinth design
- grease nipple

Wheel: SE series
- tyre: high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A, colour black
- wheel centre: thick-walled pressed steel, with tubular steel hub, lacquered, colour black. wheel Ø 125 mm made from high-quality nylon 6, impact resistant, colour black

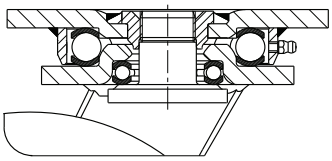
Additional details:
- bracket series: page 93
- brakes: page 112–113
- wheel series: page 228
- bearing types: page 84–85

Blickle EasyRoll









Swivel castors	Fixed castors	Swivel castor with “stop-top” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LO-SE 125K	**BO-SE 125K**	**LO-SE 125K-ST**	125	53	320	ball bearing	170	140 x 110	105 x 75–80	11	50
LO-SE 160K	**BO-SE 160K**	**LO-SE 160K-ST**	160	50	450	ball bearing	205	140 x 110	105 x 75–80	11	55
LO-SE 200K	**BO-SE 200K**	**LO-SE 200K-ST**	200	50	600	ball bearing	245	140 x 110	105 x 75–80	11	60
LO-SE 202K	**BO-SE 202K**	**LO-SE 202K-ST**	200	80	850	ball bearing	245	140 x 110	105 x 75–80	11	65
LO-SE 250K	**BO-SE 250K**	**LO-SE 250K-ST**	250	60	850	ball bearing	295	140 x 110	105 x 75–80	11	70

Versions / options



	with non-marking grey tyre	with directional lock 4 x 90°	with steel foot guard	truck lock
Technical description page	52	115	116	114
Product code suffix	**-SG**	**-RI4**	**-FS**	**FF 125 / 160 / 200**
Available for	wheel Ø 125–200 mm, others upon request	wheel Ø 125–200x50 mm	upon request	wheel Ø 125–200 mm

LS-SE, BS-SE series

Welded steel heavy-duty castors, heavy-duty swivel head, wheel with “Blickle EasyRoll” elastic solid rubber tyres

320–1,150 kg



Blickle EasyRoll

Bracket: LS/BS series
- particularly robust welded steel construction, zinc-plated, yellow-passivated, Cr6-free

Swivel bracket:
- axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head
- bolted and secured welded central kingpin, extremely strong
- dust and splash-proof
- grease nipple

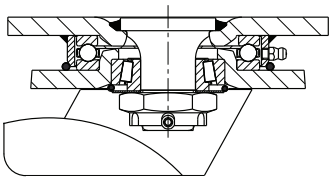
Wheel: SE series
- tyre: high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A, colour black
- wheel centre: thick-walled pressed steel, lacquered, colour anthracite. wheel Ø 125 mm made from high-quality nylon 6, impact resistant, colour black

Additional details:
- bracket series: page 94
- brakes: page 112–113
- wheel series: page 228
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castor with “stop-top” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LS-SE 125K	**BS-SE 125K**	**LS-SE 125K-ST**	125	53	320	ball bearing	170	140 x 110	105 x 75–80	11	50
LS-SE 160K	**BS-SE 160K**	**LS-SE 160K-ST**	160	50	450	ball bearing	205	140 x 110	105 x 75–80	11	55
LS-SE 200K	**BS-SE 200K**	**LS-SE 200K-ST**	200	50	600	ball bearing	245	140 x 110	105 x 75–80	11	60
LS-SE 202K	**BS-SE 202K**	**LS-SE 202K-ST**	200	80	850	ball bearing	255	175 x 140	140 x 105	14	65
LS-SE 250K	**BS-SE 250K**	**LS-SE 250K-ST**	250	60	850	ball bearing	305	175 x 140	140 x 105	14	75
LS-SE 252K	**BS-SE 252K**	**LS-SE 252K-ST**	250	80	1,000	ball bearing	305	175 x 140	140 x 105	14	75
LS-SE 300K	**BS-SE 300K**	**LS-SE 300K-ST**	300	75	1,000	ball bearing	355	175 x 140	140 x 105	14	85
LS-SE 360K-Z	**BS-SE 360K-Z**		360	75	950	ball bearing	420	175 x 140	140 x 105	14	85
LS-SE 415K-Z	**BS-SE 415K-Z**		415	90	1,150	ball bearing	478	200 x 160	160 x 120	14	100

Versions / options











	with non-marking grey tyre	with “Radstop” wheel brake	with directional lock 4 x 90°	with steel foot guard	truck lock
Technical description page	52	113	115	116	114
Product code suffix	**-SG**	**-RA**	**-RI4**	**-FS**	**FF 125 / 160 / 200**
Available for	wheel Ø 125–200 mm, others upon request	wheel Ø 360–415 mm upon request	all	up to wheel Ø 250 mm	wheel Ø 125–200x50 mm

LSD-SE, BSD-SE series

Welded steel heavy-duty twin wheel castors, heavy-duty swivel head, wheels with “Blickle EasyRoll” elastic solid rubber tyres

900–2,000 kg



Bracket: LSD/BSD series
- particularly robust welded steel construction, zinc-plated, yellow-passivated, Cr6-free

Swivel bracket:
- axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head
- bolted and secured welded central kingpin, extremely strong
- dust and splash-proof
- grease nipple

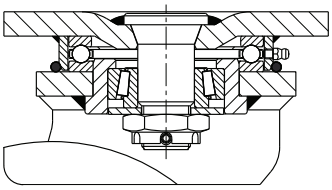
Wheel: SE series
- tyre: high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A, colour black
- wheel centre: thick-walled pressed steel, with tubular steel hub, lacquered, colour anthracite

Additional details:
- bracket series: page 94
- brakes: page 112–113
- wheel series: page 228
- bearing types: page 84–85

Blickle EasyRoll







Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LSD-SE 160K-35	**BSD-SE 160K-35**	160	2 x 50	900	ball bearing	220	175 x 140	140 x 105	14	55
LSD-SE 200K-35	**BSD-SE 200K-35**	200	2 x 50	1,200	ball bearing	260	175 x 140	140 x 105	14	60
LSD-SE 250K	**BSD-SE 250K**	250	2 x 60	1,700	ball bearing	330	255 x 200	210 x 160	18	70
LSD-SE 300K	**BSD-SE 300K**	300	2 x 75	2,000	ball bearing	380	255 x 200	210 x 160	18	80

Fixed castors: long side of plate parallel to the wheel axle

Versions / options













	with non-marking grey tyre	with “Radstop” wheel brake	with “Radstop” wheel brake	with directional lock 4 x 90°	with directional lock 4 x 90° (inserted by hand)	with steel foot guard
Technical description page	52	113	113	115	115	116
Product code suffix	**-SG**	**-RA**	**-RAH**	**-RI4**	**-RI4H**	**-FS**
Available for	wheel Ø 160–200 mm, others upon request	wheel Ø 160–200 mm upon request	wheel Ø 250–300 mm upon request	wheel Ø 160–200 mm upon request	wheel Ø 250–300 mm upon request	upon request

GEV series

Heavy-duty wheels with elastic solid rubber tyres, with cast iron wheel centre



870–4,540 kg

Tread and tyre hardness
65 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
very good

Wear resistance
good

3

Tyre:
- high-quality elastic solid rubber in smooth rolling quality, steel-wire reinforced, hardness 65 Shore A
- very good operational comfort
- very good floor preservation, low-noise operation
- low rolling resistance
- colour black

Wheel centre:
- rugged grey cast iron
- with grease nipple
- lacquered, colour anthracite

Other features:
- chemical resistance to many aggressive substances, except oils
- operating temperature: -20 °C to +80 °C, temporarily up to +100 °C, reduced load capacity over +60 °C

Additional details:
- wheel series: page 63
- tread: page 53
- bearing types: page 84–85
- chemical resistance: page 51

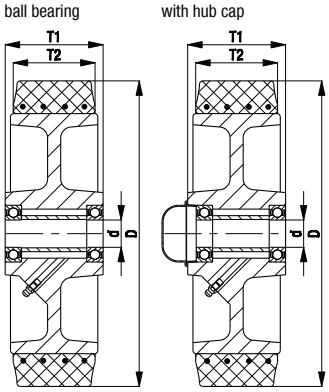
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Load capacity at 16 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
GEV 254/30K	250	130	1,270	875	800	ball bearing	30	130
GEV 280/25K	280	75	870	580	440	ball bearing	25	90
GEV 302/35K	300	90	1,080	720	540	ball bearing	35	90
GEV 360/30K	360	60	900	600	450	ball bearing	30	75
GEV 362/35K	360	75	1,140	760	570	ball bearing	35	90
GEV 400/30K	400	75	1,200	800	600	ball bearing	30	90
GEV 405/45K	405	130	1,800	1,200	900	ball bearing	45	130
GEV 425/45K	425	150	2,290	1,570	1,430	ball bearing	45	150
GEV 500/35K	500	85	1,560	1,050	780	ball bearing	35	90
GEV 520/40K	520	100	1,830	1,225	920	ball bearing	40	100
GEV 550/60K	550	160	2,700	1,800	1,350	ball bearing	60	160
GEV 610/60K	610	150	2,700	1,800	1,350	ball bearing	60	150
GEV 620/65K	620	200	4,540	3,105	2,835	ball bearing	65	200

Other dimensions available upon request

Versions / options



	with non-marking natural colour tyre	wheel with hub cap (end wheel)	drive wheels with hub keyway	hub fitting wheels
Technical description page	53	117	542	552
Product code suffix	**-SN**	**-E**	**GEVN series**	**GEVA series**
Available for	upon request	upon request	see page 540	see page 550



LS-GEV, BS-GEV series

Welded steel heavy-duty castors, heavy-duty swivel head, wheel with elastic solid rubber tyres

1,080–4,540 kg



Bracket: LS/BS series
- particularly robust welded steel construction, zinc-plated, yellow-passivated, Cr6-free

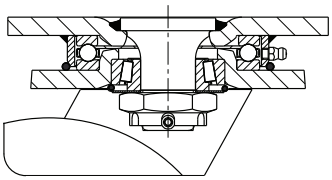
Swivel bracket:
- axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head
- bolted and secured welded central kingpin, extremely strong
- dust and splash-proof
- grease nipple

Wheel: GEV series
- tyre: high-quality elastic solid rubber in smooth rolling quality, hardness 65 Shore A, colour black
- wheel centre: rugged grey cast iron, with grease nipple, lacquered, colour anthracite

Additional details:
- bracket series: page 94
- brakes: page 112–113
- wheel series: page 234
- bearing types: page 84–85







Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LS-GEV 302K	**BS-GEV 302K**	300	90	1,080	ball bearing	355	200 x 160	160 x 120	14	85
LS-GEV 400K	**BS-GEV 400K**	400	75	1,200	ball bearing	470	200 x 160	160 x 120	14	100
LS-GEV 520K	**BS-GEV 520K**	520	100	1,830	ball bearing	580	200 x 160	160 x 120	14	125
LS-GEV 620K		620	200	4,540	ball bearing	710	255 x 200	210 x 160	18	130
	BS-GEV 620K	620	200	4,540	ball bearing	710	250 x 270	210 x 160	18	–

Versions / options











	with “stop-top” brake	with directional lock 4 x 90°	with “Radstop” wheel brake	with “Radstop” wheel brake	with directional lock 4 x 90° (inserted by hand)
Technical description page	112	115	113	113	115
Product code suffix	**-ST**	**-RI4**	**-RA**	**-RAH**	**-RI4H**
Available for	wheel Ø 300 mm	wheel Ø 300–520 mm	upon request	upon request	upon request

DS series

Heavy-duty twin wheels with elastic solid rubber tyres, with welded steel wheel centre, heavy-duty version



1,800–4,580 kg

Tread and tyre hardness
65 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
very good

Wear resistance
good

Tyre:
- high-quality elastic solid rubber in smooth rolling quality, steel-wire reinforced, hardness 65 Shore A
- very good operational comfort
- very good floor preservation, low-noise operation
- low rolling resistance
- colour black

Wheel centre:
- very strong welded steel construction
- with twice-welded tubular steel hub
- with grease nipple
- lacquered, colour anthracite

Other features:
- chemical resistance to many aggressive substances, except oils
- operating temperature: -20 °C to +80 °C, temporarily up to +100 °C, reduced load capacity over +60 °C

Additional details:
- wheel series: page 64
- tread: page 53
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Load capacity at 16 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
DS 300/50K	300	2 x 75	1,800	1,200	900	ball bearing	50	150
DS 361/50K	360	2 x 75	2,280	1,520	1,140	ball bearing	50	150
DS 400/55K	400	2 x 75	2,400	1,600	1,200	ball bearing	55	150
DS 405/75K	405	2 x 130	3,600	2,400	1,800	ball bearing	75	250
DS 425/80K	425	2 x 150	4,580	3,040	2,860	ball bearing	80	250
DS 500/60K	500	2 x 85	3,120	2,100	1,560	ball bearing	60	170

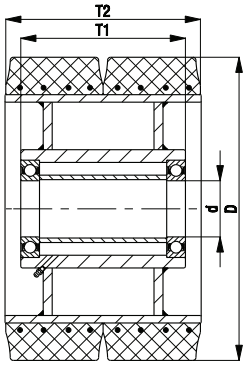
Other dimensions available upon request

Versions / options

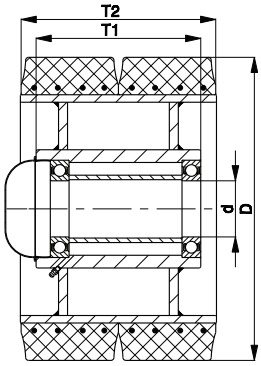


	wheel with hub cap (end wheel)	drive wheel with hub keyway
Technical description page	117	
Product code suffix	**-E**	**DSN series**
Available for	upon request	upon request

ball bearing



with hub cap





Wheels and castors with pneumatic tyres and super-elastic solid rubber tyres



Selection tool

Wheels and castors with pneumatic tyres and super-elastic solid rubber tyres



Series	PK	P	PS	VLE
Tread / tyre	Pneumatic tyres, 2 ply rating	Pneumatic tyres, 2 or 4 ply rating	Pneumatic tyres, 6–10 ply rating	Super elastic solid rubber *
Tread and tyre hardness	60 Shore A	60 Shore A	60 Shore A	70 Shore A
Non-marking	–	optional	–	optional
Electrical conductivity	–	–	–	optional
Wheel centre / rim	polypropylene	pressed steel	heavy pressed steel	heavy pressed steel
Wheel Ø	200–400 mm	180–415 mm	300–536 mm	250–525 mm
Load capacity up to	250 kg	525 kg	1,300 kg	1,885 kg
Smooth operation and floor preservation	■■■■■	■■■■■	■■■■■	■■■■□
Speeds up to	4 km/h	16 km/h	25 km/h	25 km/h
Corrosion-resistant	■■■■■	■■■□□	■■■□□	■■■□□
For a description of the wheel, refer to	page 242	page 243–244	page 246	page 249
For information about swivel and fixed castors, refer to	–	page 245	page 247	page 250–251

■■■■■ excellent ■■■■ very good ■■■ good ■■ satisfactory ■ adequate ✔ yes – no

* 2-component or 3-component tyres

PK series

Wheels with pneumatic tyres, with synthetic rim



75–250 kg

Tread and tyre hardness
60 Shore A

Smooth operation / floor preservation
excellent

Rolling resistance
good

Wear resistance
satisfactory

Tyre:
- pneumatic tyre, ribbed or zig-zag profile, hardness 60 Shore A
- 2-ply rating, with inner tube
- excellent floor preservation, particularly quiet operation
- colour black

Rim:
- high-quality polypropylene, impact resistant
- colour black

Other features:
- high chemical resistance to many aggressive substances, except oils
- operating temperature: -20 °C to +40 °C, reduced load capacity over +30 °C
- the wheel and tyre dimensions provided here apply to new tyres that are not bearing a load. Their width and diameter may change when they are in use.

Additional details:
- wheel series: page 64
- tread: page 54
- bearing types: page 84–85
- chemical resistance: page 51

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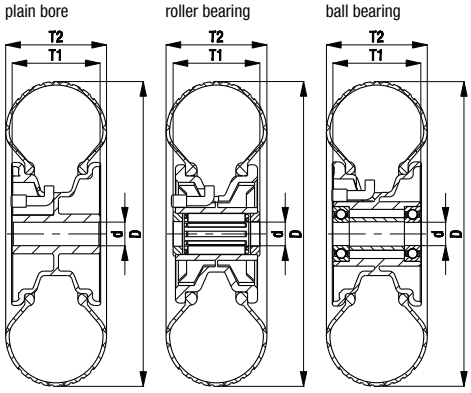
Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Tyre size	Ply rating	Load capacity at 4 km/h [kg]	Tyre pressure [bar / psi]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]	Profile type
Wheels with ribbed profile										
PK 200/20-60G	200	50	200x50	2	75	2.5 / 36	plain bore	20	60	R01
PK 260/20-75G	260	85	3.00-4	2	150	2.0 / 30	plain bore	20	75	R01
PK 260/25-75G	260	85	3.00-4	2	150	2.0 / 30	plain bore	25	75	R01
PK 260/20-75R	260	85	3.00-4	2	150	2.0 / 30	roller bearing	20	75	R01
PK 260/25-75R	260	85	3.00-4	2	150	2.0 / 30	roller bearing	25	75	R01
PK 260/20-75K	260	85	3.00-4	2	150	2.0 / 30	ball bearing	20	75	R01
PK 300/20-75G	300	100	4.00-4	2	180	2.0 / 30	plain bore	20	75	R01
PK 300/25-75G	300	100	4.00-4	2	180	2.0 / 30	plain bore	25	75	R01
PK 300/20-75R	300	100	4.00-4	2	180	2.0 / 30	roller bearing	20	75	R01
PK 300/25-75R	300	100	4.00-4	2	180	2.0 / 30	roller bearing	25	75	R01
PK 300/20-75K	300	100	4.00-4	2	180	2.0 / 30	ball bearing	20	75	R01
PK 400/20-75G	400	100	4.00-8	2	250	2.0 / 30	plain bore	20	75	R01
PK 400/25-75G	400	100	4.00-8	2	250	2.0 / 30	plain bore	25	75	R01
PK 400/20-75R	400	100	4.00-8	2	250	2.0 / 30	roller bearing	20	75	R01
PK 400/25-75R	400	100	4.00-8	2	250	2.0 / 30	roller bearing	25	75	R01
Wheels with zig-zag profile										
PK 257/20-75G	260	85	3.00-4	2	150	2.0 / 30	plain bore	20	75	B04
PK 262/20-75G	260	85	3.00-4	2	150	2.0 / 30	plain bore	20	75	B02
PK 262/25-75G	260	85	3.00-4	2	150	2.0 / 30	plain bore	25	75	B02
PK 262/20-75R	260	85	3.00-4	2	150	2.0 / 30	roller bearing	20	75	B02
PK 262/25-75R	260	85	3.00-4	2	150	2.0 / 30	roller bearing	25	75	B02
PK 262/20-75K	260	85	3.00-4	2	150	2.0 / 30	ball bearing	20	75	B02
PK 302/20-75G	300	100	4.00-4	2	180	2.0 / 30	plain bore	20	75	B02
PK 302/25-75G	300	100	4.00-4	2	180	2.0 / 30	plain bore	25	75	B02
PK 302/20-75R	300	100	4.00-4	2	180	2.0 / 30	roller bearing	20	75	B02
PK 302/25-75R	300	100	4.00-4	2	180	2.0 / 30	roller bearing	25	75	B02
PK 302/20-75K	300	100	4.00-4	2	180	2.0 / 30	ball bearing	20	75	B02
PK 402/20-75G	400	100	4.00-8	2	250	2.0 / 30	plain bore	20	75	B07
PK 402/25-75G	400	100	4.00-8	2	250	2.0 / 30	plain bore	25	75	B07
PK 402/20-75R	400	100	4.00-8	2	250	2.0 / 30	roller bearing	20	75	B07
PK 402/25-75R	400	100	4.00-8	2	250	2.0 / 30	roller bearing	25	75	B07

Profile types: R = ribbed profile, B = zig-zag profile, see page 248 for image

Versions / options



	rim colour red	puncture-proof soft rubber wheels
Technical description page		62
Product code suffix	**-ROT**	**VWPP series**
Available for	wheel Ø 260–400 mm	see page 202



Blickle®

P series, wheel Ø 180–300 mm

Wheels with pneumatic tyres, with pressed steel rim



75–250 kg

Tread and tyre hardness
60 Shore A

Smooth operation / floor preservation
excellent

Rolling resistance
good

Wear resistance
satisfactory

Tyre:
- pneumatic tyre, ribbed or zig-zag profile, hardness 60 Shore A
- 2 or 4 ply rating, with inner tube
- maximum operational comfort
- excellent floor preservation, particularly quiet operation
- colour black

Rim:
- pressed steel
- with welded tubular steel hub
- zinc-plated, blue-passivated, Cr6-free

Other features:
- chemical resistance to many aggressive substances, except oils
- operating temperature: -20 °C to +50 °C
- the wheel and tyre dimensions provided here apply to new tyres that are not bearing a load. Their width and diameter may change when they are in use.
- speeds up to 16 km/h possible for wheels with ball bearing and reduced load capacity

Additional details:
- wheel series: page 64
- tread: page 54
- bearing types: page 84–85
- chemical resistance: page 51

4

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Tyre size	Ply rating	Load capacity at 4 km/h [kg]	Load capacity at 16 km/h [kg]	Tyre pressure [bar / psi]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]	Profile type
Wheels with ribbed profile											
P 180/20-48R-SG *	180	50	7 x 1¾	2	75	–	2.5 / 36	roller bearing	20	48	R01
P 200/20-48R	200	50	200x50	2	75	–	2.5 / 36	roller bearing	20	48	R01
P 200/20-60R	200	50	200x50	2	75	–	2.5 / 36	roller bearing	20	60	R01
P 220/20-75R	220	65	2.50-4	2	100	–	2.0 / 30	roller bearing	20	75	R01
P 261/20-50G	260	85	3.00-4	2	150	–	2.0 / 30	plain bore	20	50	R01
P 261/20-50R	260	85	3.00-4	2	150	–	2.0 / 30	roller bearing	20	50	R01
P 261/20-75R	260	85	3.00-4	2	150	–	2.0 / 30	roller bearing	20	75	R01
P 261/25-75R	260	85	3.00-4	2	150	–	2.0 / 30	roller bearing	25	75	R01
P 260/20-50K	260	85	3.00-4	2	150	100	2.0 / 30	ball bearing	20	50	R01
P 265/20-75R	260	85	3.00-4	4	250	–	3.5 / 50	roller bearing	20	75	R01
P 265/25-75R	260	85	3.00-4	4	250	–	3.5 / 50	roller bearing	25	75	R01
P 265/25-75K	260	85	3.00-4	4	250	200	3.5 / 50	ball bearing	25	75	R01
P 300/20-75R	300	100	4.00-4	2	180	–	2.0 / 30	roller bearing	20	75	R01
P 300/25-75K	300	100	4.00-4	2	180	120	2.0 / 30	ball bearing	25	75	R01
Wheels with zig-zag profile											
P 222/20-75R	220	65	2.50-4	2	100	–	2.0 / 30	roller bearing	20	75	B01
P 263/20-50G	260	85	3.00-4	2	150	–	2.0 / 30	plain bore	20	50	B02
P 263/20-50R	260	85	3.00-4	2	150	–	2.0 / 30	roller bearing	20	50	B02
P 263/20-75R	260	85	3.00-4	2	150	–	2.0 / 30	roller bearing	20	75	B02
P 263/25-75R	260	85	3.00-4	2	150	–	2.0 / 30	roller bearing	25	75	B02
P 262/20-50K	260	85	3.00-4	2	150	100	2.0 / 30	ball bearing	20	50	B02
P 267/20-75R	260	85	3.00-4	4	250	–	3.5 / 50	roller bearing	20	75	B02
P 267/25-75R	260	85	3.00-4	4	250	–	3.5 / 50	roller bearing	25	75	B02
P 267/25-75K	260	85	3.00-4	4	250	200	3.5 / 50	ball bearing	25	75	B02
P 302/20-75R	300	100	4.00-4	2	180	–	2.0 / 30	roller bearing	20	75	B02
P 302/25-75K	300	100	4.00-4	2	180	120	2.0 / 30	ball bearing	25	75	B02

* With non-marking grey tyre

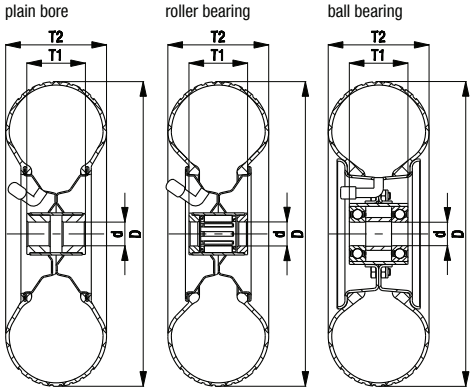
Profile types: R = ribbed profile, B = zig-zag profile, see page 248 for image

For other wheel Ø, see next page

Versions / options



	with non-marking grey tyre	with puncture-proof, foam-filled tyres	puncture-proof soft rubber wheels
Technical description page	52	64	62
Product code suffix	**-SG**	**-AG**	**VW series**
Available for	wheel Ø 200–260 mm	upon request	see page 204



P series, wheel Ø 310–415 mm

Wheels with pneumatic tyres, with pressed steel rim



50–525 kg

Tread and tyre hardness
60 Shore A

Smooth operation / floor preservation
excellent

Rolling resistance
good

Wear resistance
satisfactory

Tyre:
- pneumatic tyre, ribbed or zig-zag profile, hardness 60 Shore A
- 2 or 4 ply rating, with inner tube
- maximum operational comfort
- excellent floor preservation, particularly quiet operation
- colour black

Rim:
- pressed steel
- with welded tubular steel hub
- lacquered, colour silver

Other features:
- chemical resistance to many aggressive substances, except oils
- operating temperature: -20 °C to +50 °C
- the wheel and tyre dimensions provided here apply to new tyres that are not bearing a load. Their width and diameter may change when they are in use.
- speeds up to 16 km/h possible for wheels with ball bearing and reduced load capacity

Additional details:
- wheel series: page 64
- tread: page 54
- bearing types: page 84–85
- chemical resistance: page 51

4

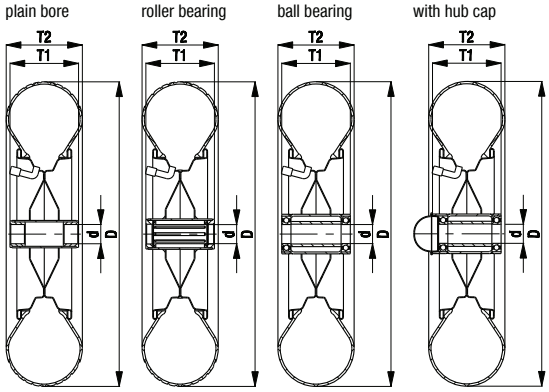
Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Tyre size	Ply rating	Load capacity at 4 km/h [kg]	Load capacity at 16 km/h [kg]	Tyre pressure [bar / psi]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]	Profile type
Wheels with ribbed profile											
P 340/25-90K	350	115	4.00-6	4	300	230	3.5 / 50	ball bearing	25	90	R01
P 401/20-90G	400	100	4.00-8	2	250	–	2.0 / 30	plain bore	20	90	R01
P 401/25-90G	400	100	4.00-8	2	250	–	2.0 / 30	plain bore	25	90	R01
P 401/20-90R	400	100	4.00-8	2	250	–	2.0 / 30	roller bearing	20	90	R01
P 401/25-90R	400	100	4.00-8	2	250	–	2.0 / 30	roller bearing	25	90	R01
P 401/25-90K	400	100	4.00-8	2	250	190	2.0 / 30	ball bearing	25	90	R01
P 410/25-90R	400	100	4.00-8	4	350	–	3.5 / 50	roller bearing	25	90	R01
P 410/25-90K	400	100	4.00-8	4	350	300	3.5 / 50	ball bearing	25	90	R01
P 410/30-90K	400	100	4.00-8	4	350	300	3.5 / 50	ball bearing	30	90	R01
P 420/25-90K	415	115	4.00-8	4	525	390	3.5 / 50	ball bearing	25	90	R02
P 420/30-90K	415	115	4.00-8	4	525	390	3.5 / 50	ball bearing	30	90	R02
Wheels with zig-zag profile											
P 310/20-75K	310	50	12½ x 2¼	2	50	30	2.5 / 36	ball bearing	20	75	B05
P 320/25-75R	340	120	13 x 5.00-6	2	250	–	2.8 / 40	roller bearing	25	75	B06
P 403/20-90R	400	100	4.00-8	2	250	–	2.0 / 30	roller bearing	20	90	B07
P 403/25-90R	400	100	4.00-8	2	250	–	2.0 / 30	roller bearing	25	90	B07
P 403/25-90K	400	100	4.00-8	2	250	190	2.0 / 30	ball bearing	25	90	B07
P 412/25-90R	400	100	4.00-8	4	350	–	3.5 / 50	roller bearing	25	90	B07
P 412/25-90K	400	100	4.00-8	4	350	300	3.5 / 50	ball bearing	25	90	B07
P 412/30-90K	400	100	4.00-8	4	350	300	3.5 / 50	ball bearing	30	90	B07

Profile types: R = ribbed profile, B = zig-zag profile, see page 248 for image

Versions / options



	with puncture-proof, foam-filled tyres	wheel with hub cap (end wheel)	hub fitting wheels
Technical description page	64	117	77
Product code suffix	**-AG**	**-E**	**PA series**
Available for	upon request	upon request	see page 548



L-P, B-P series

Pressed steel castors, medium-duty version, with top plate, wheel with pneumatic tyre

75–250 kg



Bracket: L/B series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin
- swivel head seal (exception: plate size 175x175 mm)
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

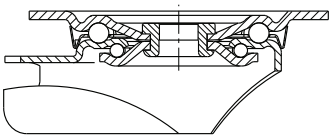
Wheel: P series
- tyre: pneumatic tyre with ribbed or zig-zag profile, hardness 60 Shore A, colour black, 2 or 4 ply rating
- rim: pressed steel, with welded tubular steel hub, zinc-plated, blue-passivated, Cr6-free
- swivel castors with brakes lose brake force if the tyre pressure is too low

Additional details:
- bracket series: page 91
- brakes: page 112–113
- wheel series: page 243
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castor with "stop-top" brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]	Profile type
L-P 200R	**B-P 200R**	**L-P 200R-ST**	200	50	75	roller bearing	235	140 x 110	105 x 75–80	11	65	R01
L-P 220R	**B-P 220R**	**L-P 220R-ST**	220	65	100	roller bearing	255	140 x 110	105 x 75–80	11	67	R01
L-P 222R	**B-P 222R**	**L-P 222R-ST**	220	65	100	roller bearing	255	140 x 110	105 x 75–80	11	67	B01
L-P 261R		**L-P 261R-ST**	260	85	150	roller bearing	308	175 x 175	140 x 140	15	78	R01
	B-P 261R		260	85	150	roller bearing	308	220 x 120	190 x 75	15	–	R01
L-P 263R		**L-P 263R-ST**	260	85	150	roller bearing	308	175 x 175	140 x 140	15	78	B02
	B-P 263R		260	85	150	roller bearing	308	220 x 120	190 x 75	15	–	B02
L-P 265R		**L-P 265R-ST**	260	85	250	roller bearing	308	175 x 175	140 x 140	15	78	R01
	B-P 265R		260	85	250	roller bearing	308	220 x 120	190 x 75	15	–	R01
L-P 267R		**L-P 267R-ST**	260	85	250	roller bearing	308	175 x 175	140 x 140	15	78	B02
	B-P 267R		260	85	250	roller bearing	308	220 x 120	190 x 75	15	–	B02

Profile types: R = ribbed profile, B = zig-zag profile, see page 248 for image

Versions / options









	with non-marking grey tyre	with puncture-proof, foam-filled tyres	directional lock (separate) 1 x 360°	castors with puncture-proof soft rubber wheels
Technical description page	52		115	62
Product code suffix	**-SG**	**-AG**	**RI-05.03**	**L / B / BH-VW series**
Available for	all	upon request	wheel Ø 200 mm*	see page 205

* Only for swivel castors without brake or swivel castor with "stop-top" brake upon request

PS series

Heavy-duty wheels with pneumatic tyres, with pressed steel rim



450–1,300 kg

Tread and tyre hardness
60 Shore A

Smooth operation / floor preservation
excellent

Rolling resistance
good

Wear resistance
satisfactory

Tyre:
- pneumatic tyre, zig-zag profile, hardness 60 Shore A
- 6, 8 or 10 ply rating, with inner tube
- maximum operational comfort
- excellent floor preservation, particularly quiet operation
- colour black

Rim:
- heavy pressed steel
- bolted (flat base rim)
- with welded tubular steel hub
- zinc-plated, blue-passivated, Cr6-free

Other features:
- chemical resistance to many aggressive substances, except oils
- operating temperature: -20 °C to +50 °C
- the wheel and tyre dimensions provided here apply to new tyres that are not bearing a load. Their width and diameter may change when they are in use.
- speeds up to 25 km/h with reduced load capacity

Additional details:
- wheel series: page 64
- tread: page 54
- bearing types: page 84–85
- chemical resistance: page 51

4

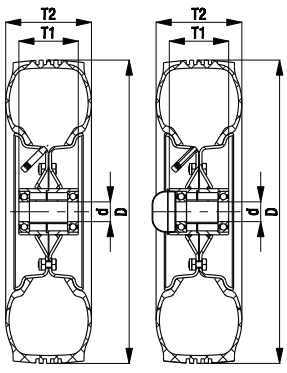
Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Tyre size	Ply rating	Load capacity at 4 km/h [kg]	Load capacity at 25 km/h [kg]	Tyre pressure [bar/psi]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]	Profile type
PS 310/20-75K	300	100	4.00-4	6	450	350	7.5 / 110	ball bearing	20	75	B02
PS 310/25-75K	300	100	4.00-4	6	450	350	7.5 / 110	ball bearing	25	75	B02
PS 315/25-75K	305	105	4.00-4	6	550	400	7.5 / 110	ball bearing	25	75	B03
PS 430/25-90K	420	115	4.00-8	6	650	500	7.0 / 101	ball bearing	25	90	B08
PS 430/30-90K	420	115	4.00-8	6	650	500	7.0 / 101	ball bearing	30	90	B08
PS 432/30-90K	420	115	4.00-8	8	750	600	7.0 / 101	ball bearing	30	90	B08
PS 464/30-90K	460	145	5.00-8	8	1,140	770	7.0 / 101	ball bearing	30	90	B08
PS 536/35-120K	536	165	6.00-9	10	1,300	1,050	7.0 / 101	ball bearing	35	120	B08

Profile type: B = zig-zag profile, image see page 248

Versions / options



	wheel with hub cap (end wheel)
Technical description page	117
Product code suffix	**-E**
Available for	upon request



LS-P, BS-P, LS-PS, BS-PS series

Welded steel heavy-duty castors, heavy-duty swivel head, heavy-duty wheel with pneumatic tyres



350–1,300 kg

Bracket: LS/BS series
- particularly robust welded steel construction, zinc-plated, yellow-passivated, Cr6-free

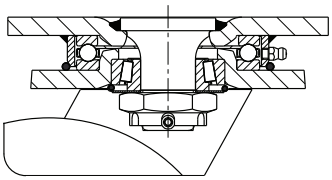
Swivel bracket:
- axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head
- bolted and secured welded central kingpin, extremely strong
- dust and splash-proof
- grease nipple

Wheel: P/PS series
- tyre: pneumatic tyre with ribbed or zig-zag profile, hardness 60 Shore A, colour black, 2 to 10 ply rating
- rim: P series: pressed steel, with welded tubular steel hub, lacquered, colour silver
  PS series: heavy pressed steel, bolted (flat base rim), with welded tubular steel hub, zinc-plated, blue-passivated, Cr6-free
- swivel castors with brakes lose brake force if the tyre pressure is too low

Additional details:
- bracket series: page 94
- brakes: page 112–113
- wheel series: page 244, 246
- bearing types: page 84–85







4

Swivel castors	Fixed castors	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]	Profile type
LS-PS 310K	**BS-PS 310K**	300	100	450	ball bearing	355	200 x 160	160 x 120	14	85	B02
LS-PS 315K	**BS-PS 315K**	305	105	550	ball bearing	358	200 x 160	160 x 120	14	85	B03
LS-P 410K	**BS-P 410K**	400	100	350	ball bearing	470	200 x 160	160 x 120	14	100	R01
LS-P 420K	**BS-P 420K**	415	115	525	ball bearing	478	200 x 160	160 x 120	14	100	R02
LS-PS 430K	**BS-PS 430K**	420	115	650	ball bearing	480	200 x 160	160 x 120	14	100	B08
LS-PS 432K	**BS-PS 432K**	420	115	750	ball bearing	480	200 x 160	160 x 120	14	100	B08
LS-PS 464K	**BS-PS 464K**	460	145	1,140	ball bearing	520	200 x 160	160 x 120	14	110	B08
LS-PS 536K		536	165	1,300	ball bearing	623	255 x 200	210 x 160	18	120	B08
	BS-PS 536K	536	165	1,300	ball bearing	623	255 x 220	210 x 160	18	–	B08

Profile types: R = ribbed profile, B = zig-zag profile, see page 248 for image

Versions / options





	with “Radstop” wheel brake	with directional lock 4 x 90°
Technical description page	113	115
Product code suffix	**-RA**	**-RI4**
Available for	upon request	wheel Ø 300–460 mm

Profile types of pneumatic tyres

Ribbed profile



R01



R02

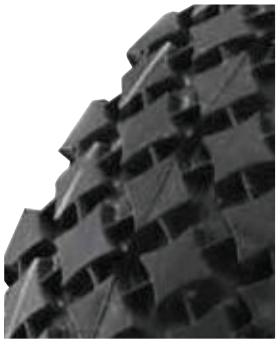
Zig-zag profile



B01



B02



B03



B04



B05



B06



B07



B08

VLE series

Heavy-duty wheels with super-elastic solid rubber tyres, with pressed steel rim



450–1,885 kg

Tread and tyre hardness
70 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
good

Wear resistance
good

Tyre:
- super-elastic solid rubber, steel-wire reinforced, hardness 70 Shore A
- very good operational comfort
- very good floor preservation, low-noise operation
- colour black
- wheel Ø 250–306 mm: 2-component tyre, highly-elastic, abrasion-resistant tread
- wheel Ø 405–525 mm: 3-component tyre, highly-elastic cushion layer, abrasion-resistant tread

Rim:
- heavy pressed steel
- bolted, with welded tubular steel hub or reinforced rim version
- zinc-plated, blue-passivated, Cr6-free

Other features:
- chemical resistance to many aggressive substances, except oils
- operating temperature: -20 °C to +80 °C, temporarily up to +100 °C, reduced load capacity over +60 °C
- puncture-proof, maintenance-free

Additional details:
- wheel series: page 65
- tread: page 54
- bearing types: page 84–85
- chemical resistance: page 51

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Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Tyre size	Rim dimensions	Load capacity at 6 km/h [kg]	Load capacity at 25 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]	Profile type
Wheels with ribbed profile										
VLE 250/20-75K	250	85	3.00-4	2.50C-4	450	400	ball bearing	20	75	R50
VLE 250/25-75K	250	85	3.00-4	2.50C-4	450	400	ball bearing	25	75	R50
VLE 252/25-75K *	250	85	3.00-4	2.50C-4	600	475	ball bearing	25	75	R50
VLE 305/20-75K	306	105	4.00-4	2.50C-4	450	400	ball bearing	20	75	R50
VLE 305/25-75K	306	105	4.00-4	2.50C-4	450	400	ball bearing	25	75	R50
VLE 307/25-75K *	306	105	4.00-4	2.50C-4	700	535	ball bearing	25	75	R50
VLE 405/25-90K	405	105	4.00-8	3.00D-8	950	730	ball bearing	25	90	R50
VLE 405/30-90K	405	105	4.00-8	3.00D-8	950	730	ball bearing	30	90	R50
Wheels with zig-zag profile										
VLE 255/20-75K	250	85	3.00-4	2.50C-4	450	400	ball bearing	20	75	B51
VLE 255/25-75K	250	85	3.00-4	2.50C-4	450	400	ball bearing	25	75	B51
VLE 257/25-75K *	250	85	3.00-4	2.50C-4	600	475	ball bearing	25	75	B51
VLE 310/20-75K	306	105	4.00-4	2.50C-4	450	400	ball bearing	20	75	B50
VLE 310/25-75K	306	105	4.00-4	2.50C-4	450	400	ball bearing	25	75	B50
VLE 312/25-75K *	306	105	4.00-4	2.50C-4	700	535	ball bearing	25	75	B50
VLE 410/25-90K	405	105	4.00-8	3.00D-8	950	730	ball bearing	25	90	B50
VLE 410/30-90K	405	105	4.00-8	3.00D-8	950	730	ball bearing	30	90	B50
VLE 460/30-90K	455	120	5.00-8	3.00D-8	1,415	1,090	ball bearing	30	90	B50
VLE 530/45-120K	525	140	6.00-9	4.00E-9	1,885	1,450	ball bearing	45	120	B50

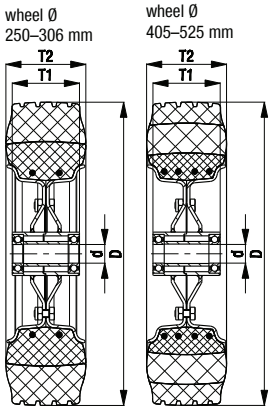
* Reinforced rim design

The wheel and tyre dimensions provided here apply to new tyres that are not bearing a load. The dimensions may change when they are in use.
Profile types: R = ribbed profile, B = zig-zag profile, see page 252 for image
Other dimensions available upon request

Versions / options



	with non-marking grey tyre	antistatic version, black tyres	wheel with hub cap (end wheel)	hub fitting wheels	other versions
Technical description page	52	50	117	77	
Product code suffix	**-SG**	**-AS**	**-E**	**VLEA series**	
Available for	upon request	upon request	upon request	see page 549	upon request



L-VLE, B-VLE series

Pressed steel castors, medium-duty version, with top plate, heavy-duty wheel with super-elastic solid rubber tyres



450 kg

Bracket: L/B series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: VLE series
- tyre: super-elastic solid rubber, hardness 70 Shore A, colour black, 2-component tyre, highly-elastic, abrasion-resistant tread
- rim: heavy pressed steel, zinc-plated, blue-passivated, Cr6-free

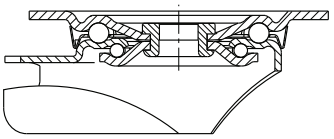
Additional details:
- bracket series: page 91
- brakes: page 112–113
- wheel series: page 249
- bearing types: page 84–85

4









Swivel castors	Fixed castors	Swivel castor with “stop-top” brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]	Profile type
L-VLE 250K		**L-VLE 250K-ST**	250	85	450	ball bearing	295	175 x 175	140 x 140	15	70	R50
	B-VLE 250K		250	85	450	ball bearing	295	220 x 120	190 x 75	15	–	R50
L-VLE 255K		**L-VLE 255K-ST**	250	85	450	ball bearing	295	175 x 175	140 x 140	15	70	B51
	B-VLE 255K		250	85	450	ball bearing	295	220 x 120	190 x 75	15	–	B51

Profile types: R = ribbed profile, B = zig-zag profile, see page 252 for image

Versions / options





	with non-marking grey tyre	antistatic version, black tyres
Technical description page	52	50
Product code suffix	**-SG**	**-AS**
Available for	upon request	upon request

LS-VLE, BS-VLE series

Welded steel heavy-duty castors, heavy-duty swivel head, heavy-duty wheel with super-elastic solid rubber tyres

450–1,885 kg



Bracket: LS/BS series
- particularly robust welded steel construction, zinc-plated, yellow-passivated, Cr6-free

Swivel bracket:
- axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head
- bolted and secured welded central kingpin, extremely strong
- dust and splash-proof
- grease nipple

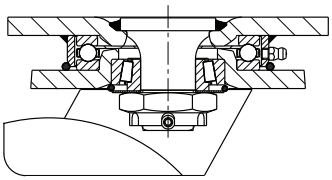
Wheel: VLE series
- tyre: super-elastic solid rubber, hardness 70 Shore A, colour black. wheel Ø 250–306 mm: 2-component tyre, highly-elastic, abrasion-resistant tread. wheel Ø 405–525 mm: 3-component tyre, highly-elastic cushion layer, abrasion-resistant tread
- rim: heavy pressed steel, zinc-plated, blue-passivated, Cr6-free

Additional details:
- bracket series: page 94
- brakes: page 112–113
- wheel series: page 249
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castor with "stop-top" brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity at 6 km/h [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]	Profile type
LS-VLE 250K	**BS-VLE 250K**	**LS-VLE 250K-ST**	250	85	450	ball bearing	305	175 x 140	140 x 105	14	75	R50
LS-VLE 252K *	**BS-VLE 252K ***	**LS-VLE 252K-ST ***	250	85	600	ball bearing	305	175 x 140	140 x 105	14	75	R50
LS-VLE 255K	**BS-VLE 255K**	**LS-VLE 255K-ST**	250	85	450	ball bearing	305	175 x 140	140 x 105	14	75	B51
LS-VLE 257K *	**BS-VLE 257K ***	**LS-VLE 257K-ST ***	250	85	600	ball bearing	305	175 x 140	140 x 105	14	75	B51
LS-VLE 305K	**BS-VLE 305K**	**	306	105	450	ball bearing	358	200 x 160	160 x 120	14	85	R50
LS-VLE 307K *	**BS-VLE 307K ***	**	306	105	700	ball bearing	358	200 x 160	160 x 120	14	85	R50
LS-VLE 310K	**BS-VLE 310K**	**	306	105	450	ball bearing	358	200 x 160	160 x 120	14	85	B50
LS-VLE 312K *	**BS-VLE 312K ***	**	306	105	700	ball bearing	358	200 x 160	160 x 120	14	85	B50
LS-VLE 405K	**BS-VLE 405K**	**	405	105	950	ball bearing	473	200 x 160	160 x 120	14	100	R50
LS-VLE 410K	**BS-VLE 410K**	**	405	105	950	ball bearing	473	200 x 160	160 x 120	14	100	B50
LS-VLE 460K	**BS-VLE 460K**	**	455	120	1,415	ball bearing	518	200 x 160	160 x 120	14	110	B50
LS-VLE 530K		**	525	140	1,885	ball bearing	618	255 x 200	210 x 160	18	120	B50
	BS-VLE 530K		525	140	1,885	ball bearing	618	255 x 220	210 x 160	18	–	B50

* Reinforced rim design

** "Radstop" brake version

Profile types: R = ribbed profile, B = zig-zag profile, see page 252 for image

Versions / options









	with non-marking grey tyre	antistatic version, black tyres	with "Radstop" wheel brake	with directional lock 4 x 90°
Technical description page	52	50	113	115
Product code suffix	**-SG**	**-AS**	**-RA**	**-RI4**
Available for	upon request	upon request	upon request	wheel Ø 250–455 mm

Profile types
of super-elastic solid rubber tyres

Ribbed profile



R50

Zig-zag profile



B50



B51



Wheels and castors with polyurethane tread



Selection tool

Wheels and castors with polyurethane tread








Series	PATH	POTH	POTHS	ALTH	SETH	VSTH / GTH
Category	Standard polyurethane					
Tread / tyre	Thermoplastic polyurethane (TPU)			Polyurethane elastomer Blickle Extrathane®		
Tread and tyre hardness	94 Shore A	94 Shore A	80 Shore A	92 Shore A	92 Shore A	92 Shore A
Electrical conductivity	optional	–	–	optional	–	optional
Wheel centre / rim	nylon	nylon	nylon	aluminium	thick-walled pressed steel	VSTH: steel GTH: grey cast iron
Wheel Ø	80–200 mm	75–250 mm	100–200 mm	80–250 mm	125–250 mm	35–1,000 mm
Load capacity up to	500 kg	1,000 kg	550 kg	1,250 kg	1,350 kg	30,000 kg
Rolling resistance	■■■■□	■■■■□	■■■■□	■■■■□	■■■■□	■■■■□
Smooth operation and floor preservation	■■■□□	■■■□□	■■■■□	■■■□□	■■■□□	■■■□□
Speeds up to	4 km/h	4 km/h	4 km/h	10 km/h	10 km/h	10 km/h
Use in wet areas	(✔)	(✔)	✔	–	–	–
For a description of the wheel, refer to	page 258	page 263	page 270	page 274	page 282	page 286–287
For information about swivel and fixed castors, refer to	page 259–262	page 264–269	page 271–273	page 275–281	page 283–285	page 288–293

■■■■■ excellent ■■■■ very good ■■■ good ■■ satisfactory ■ adequate ✔ yes – no









ALST	GST	ALB	VSB / GB	POBS	ALBS	GVU
Standard polyurethane		Premium polyurethane				
Polyurethane-elastomer Blickle Softhane®		Polyurethane elastomer Blickle Besthane®		Polyurethane elastomer Blickle Besthane® Soft		Vulkollan®
75 Shore A	75 Shore A	92 Shore A	92 Shore A	75 Shore A	75 Shore A	92 Shore A
optional	optional	–	optional	–	–	–
aluminium	grey cast iron	aluminium	VSB: steel GB: grey cast iron	nylon	aluminium	grey cast iron
80–300 mm	125–400 mm	100–250 mm	80–1,000 mm	80–200 mm	80–300 mm	100–400 mm
1,150 kg	3,000 kg	1,250 kg	30,000 kg	500 kg	1,150 kg	3,000 kg
■■■■□	■■■■□	■■■■■	■■■■■	■■■■■	■■■■■	■■■■□
■■■■□	■■■■□	■■■□□	■■■□□	■■■■□	■■■■□	■■■□□
10 km/h	10 km/h	16 km/h	16 km/h	4 km/h	16 km/h	16 km/h
–	–	–	–	✔	–	–
page 294	page 301	page 307	page 312–313	page 318	page 319	page 326
page 295–300	page 302–306	page 308–311	page 314–317	–	page 320–325	–

Made of VULKOLLAN® VULKOLLAN® is a registered trademark of Covestro Group

PATH series

Wheels with thermoplastic polyurethane tread, with nylon wheel centre



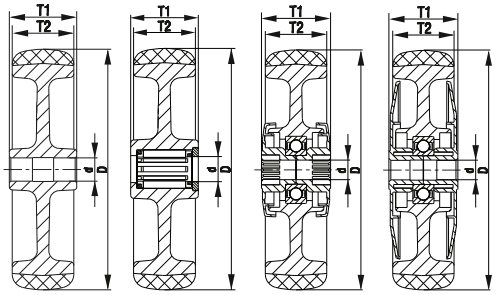
150–500 kg

Tread and tyre hardness
94 Shore A

Smooth operation / floor preservation
good

Rolling resistance
very good

Wear resistance
very good



plain bore | roller bearing | ball bearing (C) version KA | ball bearing (C) version KF

Tread:
- high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A
- low rolling and swivel resistance
- high abrasion resistance
- colour dark grey, non-marking, non-staining
- chemically-bonded inseparable connection with the wheel centre

Wheel centre:
- high-quality nylon 6, impact resistant
- colour silver grey

Other features:
- KA version: with synthetic thread guard, small
- KF version: with synthetic thread guard, large
- very high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +35 °C

Additional details:
- wheel series: page 61
- tread: page 55
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
PATH 80/12G	80	32	150	plain bore	12	35
PATH 80/8KF	80	32	150	ball bearing (C)	8	36
PATH 100/12G	100	32	200	plain bore	12	45
PATH 100/8KF	100	32	200	ball bearing (C)	8	46
PATH 100/10KF	100	32	200	ball bearing (C)	10	46
PATH 125/12G	125	32	250	plain bore	12	45
PATH 125/8KF	125	32	250	ball bearing (C)	8	46
PATH 125/10KF	125	32	250	ball bearing (C)	10	46
PATH 160/20G	160	40	400	plain bore	20	60
PATH 160/20R	160	40	400	roller bearing	20	60
PATH 160/12KA	160	40	400	ball bearing (C)	12	62
PATH 160/20KA	160	40	400	ball bearing (C)	20	60
PATH 200/20G	200	40	500	plain bore	20	60
PATH 200/20R	200	40	500	roller bearing	20	60
PATH 200/12KA	200	40	500	ball bearing (C)	12	62
PATH 200/20KA	200	40	500	ball bearing (C)	20	60

For other dimensions, see page 136

Versions / options



	plain bore version	electrically conductive version, non-marking grey	small thread guard with additional ball bearing seal	large thread guard with additional ball bearing seals
Technical description page		50	85	85
Product code suffix		**-ELS**	**-KAD**	**-KFD**
Available for		all ball bearing versions*	all KA versions	all KF versions

* Wheel load capacity of electrically conductive version reduced by 35%

LE-PATH, B-PATH series

Pressed steel castors with top plate, wheel with thermoplastic polyurethane tread

150–300 kg



Bracket: LE/B series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

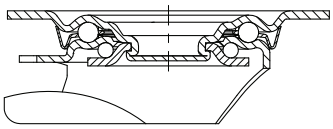
Wheel: PATH series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A, colour dark grey, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour silver grey

Additional details:
- bracket series: page 90
- brakes: page 112–113
- wheel series: page 258
- bearing types: page 84–85









5

Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LE-PATH 80G	**B-PATH 80G**	**LE-PATH 80G-FI**	80	32	150	plain bore	102	100 x 85	80 x 60	9	38
LE-PATH 80KF	**B-PATH 80KF**	**LE-PATH 80KF-FI**	80	32	150	ball bearing (C)	102	100 x 85	80 x 60	9	38
LE-PATH 100G	**B-PATH 100G**	**LE-PATH 100G-FI**	100	32	150	plain bore	125	100 x 85	80 x 60	9	36
LE-PATH 100KF	**B-PATH 100KF**	**LE-PATH 100KF-FI**	100	32	150	ball bearing (C)	125	100 x 85	80 x 60	9	36
LE-PATH 125G	**B-PATH 125G**	**LE-PATH 125G-FI**	125	32	150	plain bore	150	100 x 85	80 x 60	9	38
LE-PATH 125KF	**B-PATH 125KF**	**LE-PATH 125KF-FI**	125	32	150	ball bearing (C)	150	100 x 85	80 x 60	9	38
LE-PATH 160G	**B-PATH 160G**	**LE-PATH 160G-FI**	160	40	300	plain bore	195	140 x 110	105 x 75–80	11	54
LE-PATH 160R	**B-PATH 160R**	**LE-PATH 160R-FI**	160	40	300	roller bearing	195	140 x 110	105 x 75–80	11	54
LE-PATH 160KA	**B-PATH 160KA**	**LE-PATH 160KA-FI**	160	40	300	ball bearing (C)	195	140 x 110	105 x 75–80	11	54
LE-PATH 200G	**B-PATH 200G**	**LE-PATH 200G-FI**	200	40	300	plain bore	235	140 x 110	105 x 75–80	11	54
LE-PATH 200R	**B-PATH 200R**	**LE-PATH 200R-FI**	200	40	300	roller bearing	235	140 x 110	105 x 75–80	11	54
LE-PATH 200KA	**B-PATH 200KA**	**LE-PATH 200KA-FI**	200	40	300	ball bearing (C)	235	140 x 110	105 x 75–80	11	54

For stainless steel versions, see page 407

Versions / options



	plain bore version	electrically conductive version, non-marking grey	with “stop-top” brake	directional lock (separate) 1 x 360°	small thread guard with additional ball bearing seal	large thread guard with additional ball bearing seals
Technical description page		50	112	115	85	85
Product code suffix		**-ELS**	**-ST**	**RI-03.01 / RI-03.03**	**-KAD**	**-KFD**
Available for		all ball bearing versions*	wheel Ø 160–200 mm	RI-03.01: Ø 100–125 RI-03.03: Ø 160–200 **	upon request	upon request

* Wheel load capacity of electrically conductive version reduced by 35%
** Only for swivel castors without brake or swivel castor with “stop-top” brake upon request

LER-PATH series

Pressed steel castors with bolt hole, wheel with thermoplastic polyurethane tread



150–300 kg

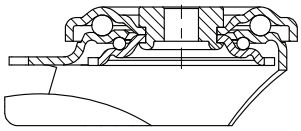
Bracket: LER series
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: PATH series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A, colour dark grey, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour silver grey

Additional details:
- bracket series: page 91
- brakes: page 112–113
- wheel series: page 258
- bearing types: page 84–85







Swivel castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LER-PATH 80G	**LER-PATH 80G-FI**	80	32	150	plain bore	102	70	13	38
LER-PATH 80KF	**LER-PATH 80KF-FI**	80	32	150	ball bearing (C)	102	70	13	38
LER-PATH 100G	**LER-PATH 100G-FI**	100	32	150	plain bore	125	70	13	36
LER-PATH 100KF	**LER-PATH 100KF-FI**	100	32	150	ball bearing (C)	125	70	13	36
LER-PATH 125G	**LER-PATH 125G-FI**	125	32	150	plain bore	150	70	13	38
LER-PATH 125KF	**LER-PATH 125KF-FI**	125	32	150	ball bearing (C)	150	70	13	38
LER-PATH 160G	**LER-PATH 160G-FI**	160	40	300	plain bore	195	88	13	54
LER-PATH 160R	**LER-PATH 160R-FI**	160	40	300	roller bearing	195	88	13	54
LER-PATH 160KA	**LER-PATH 160KA-FI**	160	40	300	ball bearing (C)	195	88	13	54
LER-PATH 200G	**LER-PATH 200G-FI**	200	40	300	plain bore	235	88	13	54
LER-PATH 200R	**LER-PATH 200R-FI**	200	40	300	roller bearing	235	88	13	54
LER-PATH 200KA	**LER-PATH 200KA-FI**	200	40	300	ball bearing (C)	235	88	13	54

For stainless steel versions, see page 408

Versions / options











	plain bore version	electrically conductive version, non-marking grey	small thread guard with additional ball bearing seal	large thread guard with additional ball bearing seals	truck lock
Technical description page		50	85	85	114
Product code suffix		**-ELS**	**-KAD**	**-KFD**	**FF 100-1 / FF 125-1**
Available for		all ball bearing versions*	upon request	upon request	wheel Ø 100+125 mm

* Wheel load capacity of electrically conductive version reduced by 35%

L-PATH, B-PATH series

Pressed steel castors, medium-duty version, with top plate, wheel with thermoplastic polyurethane tread

150–400 kg



Bracket: L/B series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 150 mm)
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

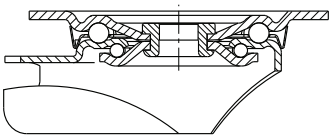
Wheel: PATH series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A, colour dark grey, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour silver grey

Additional details:
- bracket series: page 91
- brakes: page 112–113
- wheel series: page 258
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-PATH 80G	**B-PATH 80G**	**L-PATH 80G-FI**	80	32	150	plain bore	102	100 x 85	80 x 60	9	38
L-PATH 80KF	**B-PATH 80KF**	**L-PATH 80KF-FI**	80	32	150	ball bearing (C)	102	100 x 85	80 x 60	9	38
L-PATH 100G	**B-PATH 100G**	**L-PATH 100G-FI**	100	32	200	plain bore	125	100 x 85	80 x 60	9	36
L-PATH 100KF	**B-PATH 100KF**	**L-PATH 100KF-FI**	100	32	200	ball bearing (C)	125	100 x 85	80 x 60	9	36
L-PATH 125G	**B-PATH 125G**	**L-PATH 125G-FI**	125	32	250	plain bore	150	100 x 85	80 x 60	9	38
L-PATH 125KF	**B-PATH 125KF**	**L-PATH 125KF-FI**	125	32	250	ball bearing (C)	150	100 x 85	80 x 60	9	38
L-PATH 160G	**B-PATH 160G**	**L-PATH 160G-FI**	160	40	400	plain bore	195	140 x 110	105 x 75–80	11	60
L-PATH 160R	**B-PATH 160R**	**L-PATH 160R-FI**	160	40	400	roller bearing	195	140 x 110	105 x 75–80	11	60
L-PATH 160KA	**B-PATH 160KA**	**L-PATH 160KA-FI**	160	40	400	ball bearing (C)	195	140 x 110	105 x 75–80	11	60
L-PATH 200G	**B-PATH 200G**	**L-PATH 200G-FI**	200	40	400	plain bore	235	140 x 110	105 x 75–80	11	65
L-PATH 200R	**B-PATH 200R**	**L-PATH 200R-FI**	200	40	400	roller bearing	235	140 x 110	105 x 75–80	11	65
L-PATH 200KA	**B-PATH 200KA**	**L-PATH 200KA-FI**	200	40	400	ball bearing (C)	235	140 x 110	105 x 75–80	11	65

Versions / options *













	ball bearing version KF	electrically conductive version, non-marking grey	with “stop-top” brake	with “central-stop” central brake system	directional lock (separate) 1 x 360°	with steel foot guard
Technical description page		50	112	113	115	116
Product code suffix		**-ELS**	**-ST**	**-CS11**	**RI-03.01 / RI-05.03**	**-FS**
Available for		all ball bearing versions**	all	wheel Ø 160–200 mm	RI-03.01: Ø 100–125 RI-05.03: Ø 160–200 ***	wheel Ø 100–200 mm

* **Other versions / options:** wheel with additional ball bearing seals (**-KAD or -KFD**), available upon request (see page 85 for technical information)
** Wheel load capacity of electrically conductive version reduced by 35%
*** Only for swivel castors without brake or swivel castor with “stop-top” and “central-stop” brake upon request

LK-PATH, BK-PATH, BH-PATH series

Pressed steel castors, heavy-duty design, with top plate, wheel with thermoplastic polyurethane tread

150–500 kg



Bracket: LK/BK/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 125x50 mm)
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

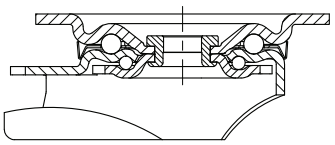
Wheel: PATH series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A, colour dark grey, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour silver grey

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 258
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-PATH 80G	**BK-PATH 80G**	**LK-PATH 80G-FI**	80	32	150	plain bore	110	100 x 85	80 x 60	9	40
LK-PATH 80KF	**BK-PATH 80KF**	**LK-PATH 80KF-FI**	80	32	150	ball bearing (C)	110	100 x 85	80 x 60	9	40
LK-PATH 100KF-1	**BK-PATH 100KF-1**	**LK-PATH 100KF-1-FI**	100	32	200	ball bearing (C)	130	100 x 85	80 x 60	9	45
LK-PATH 100KF-3	**BK-PATH 100KF-3**	**LK-PATH 100KF-3-FI**	100	32	200	ball bearing (C)	130	140 x 110	105 x 75–80	11	45
LK-PATH 125KF-1	**BK-PATH 125KF-1**	**LK-PATH 125KF-1-FI**	125	32	250	ball bearing (C)	155	100 x 85	80 x 60	9	48
LK-PATH 125KF-3	**BK-PATH 125KF-3**	**LK-PATH 125KF-3-FI**	125	32	250	ball bearing (C)	155	140 x 110	105 x 75–80	11	48
LK-PATH 160G	**BH-PATH 160G**	**LK-PATH 160G-FI**	160	40	400	plain bore	202	140 x 110	105 x 75–80	11	60
LK-PATH 160R	**BH-PATH 160R**	**LK-PATH 160R-FI**	160	40	400	roller bearing	202	140 x 110	105 x 75–80	11	60
LK-PATH 160KA	**BH-PATH 160KA**	**LK-PATH 160KA-FI**	160	40	400	ball bearing (C)	202	140 x 110	105 x 75–80	11	60
LK-PATH 200G	**BH-PATH 200G**	**LK-PATH 200G-FI**	200	40	500	plain bore	245	140 x 110	105 x 75–80	11	62
LK-PATH 200R	**BH-PATH 200R**	**LK-PATH 200R-FI**	200	40	500	roller bearing	245	140 x 110	105 x 75–80	11	62
LK-PATH 200KA	**BH-PATH 200KA**	**LK-PATH 200KA-FI**	200	40	500	ball bearing (C)	245	140 x 110	105 x 75–80	11	62

Versions / options















	ball bearing version KF	electrically conductive version, non-marking grey	with "stop-top" brake	with directional lock (separate) 1x 360°	small thread guard with additional ball bearing seal	large thread guard with additional ball bearing seals	with steel foot guard
Technical description page		50	112	115	85	85	116
Product code suffix		**-ELS**	**-ST**	**see ****	**-KAD**	**-KFD**	**-FS**
Available for		all ball bearing versions*	all	for wheel Ø and plate dimensions, see**	upon request	upon request	upon request

* Wheel load capacity of electrically conductive version reduced by 35%

** **RI-05.01** for wheel Ø 80–125 mm with plate 100x85 mm, **RI-03.03** for wheel Ø 100–125 mm with plate 140x110 mm, **RI-05.03** for wheel Ø 160–200 mm
(Only for swivel castors without brake or swivel castor with "stop-top" brake upon request)

POTH series

Wheels with thermoplastic polyurethane tread, with heavy-duty nylon wheel centre



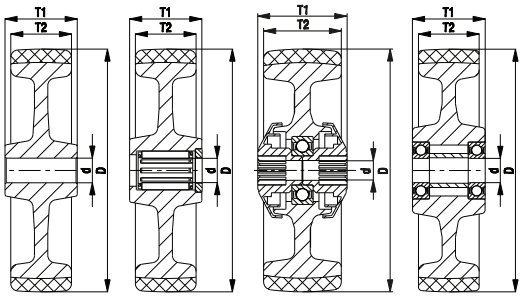
200–1,000 kg

Tread and tyre hardness
94 Shore A

Smooth operation / floor preservation
good

Rolling resistance
very good

Wear resistance
very good



plain bore | roller bearing | ball bearing (C) KA version | ball bearing

Tread:
- high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A
- low rolling and swivel resistance
- high abrasion resistance
- colour dark grey, non-marking, non-staining
- chemically-bonded inseparable connection with the wheel centre

Wheel centre:
- high-quality nylon 6, impact resistant
- colour natural white

Other features:
- KA version: with synthetic thread guard, small
- very high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +35 °C

Additional details:
- wheel series: page 65
- tread: page 55
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
POTH 75/15G	75	37	200	plain bore	15	45
POTH 75/15R	75	37	200	roller bearing	15	45
POTH 100/12G	100	35	300	plain bore	12	45
POTH 100/15G	100	35	300	plain bore	15	45
POTH 100/12R	100	35	300	roller bearing	12	45
POTH 100/15R	100	35	300	roller bearing	15	45
POTH 100/8KA	100	35	300	ball bearing (C)	8	46
POTH 100/10KA	100	35	300	ball bearing (C)	10	46
POTH 100/15K	100	35	300	ball bearing	15	45
POTH 125/12G	125	40	350	plain bore	12	45
POTH 125/15G	125	40	350	plain bore	15	45
POTH 125/12R	125	40	350	roller bearing	12	45
POTH 125/15R	125	40	350	roller bearing	15	45
POTH 125/8KA	125	40	350	ball bearing (C)	8	46
POTH 125/10KA	125	40	350	ball bearing (C)	10	46
POTH 125/15K	125	40	350	ball bearing	15	45
POTH 150/20G	150	45	500	plain bore	20	60
POTH 150/20R	150	45	500	roller bearing	20	60
POTH 150/20K	150	45	500	ball bearing	20	60
POTH 160/20G	160	45	550	plain bore	20	60
POTH 160/20R	160	45	550	roller bearing	20	60
POTH 160/20K	160	45	550	ball bearing	20	60
POTH 200/20G	200	50	800	plain bore	20	60
POTH 200/20R	200	50	600	roller bearing	20	60
POTH 200/20K	200	50	800	ball bearing	20	60
POTH 200/25K	200	50	800	ball bearing	25	60
POTH 250/25G	250	50	1,000	plain bore	25	60
POTH 250/25K	250	50	1,000	ball bearing	25	60

Versions / options



	with stainless steel roller bearing in the wheel hub	with stainless steel ball bearing in the wheel hub	small thread guard with additional ball bearing seal	with corrosion-resistant wheel bearing and soft tread
Technical description page	84	84 / 85	85	270–273
Product code suffix	**-XR**	**-XK / -XKA**	**-KAD**	**POTHS series**
Available for	all	upon request	all ball bearings (C)	see series POTHS

L-POTH, B-POTH, BH-POTH series

Pressed steel castors, medium-duty version, with top plate, wheel with thermoplastic polyurethane tread

250–500 kg



Bracket: L/B/BH series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 150 mm)
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

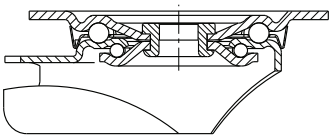
Wheel: POTH series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A, colour dark grey, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour natural white

Additional details:
- bracket series: page 91
- brakes: page 112–113
- wheel series: page 263
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-POTH 100G	**B-POTH 100G**	**L-POTH 100G-FI**	100	35	250	plain bore	125	100 x 85	80 x 60	9	36
L-POTH 100R	**B-POTH 100R**	**L-POTH 100R-FI**	100	35	250	roller bearing	125	100 x 85	80 x 60	9	36
L-POTH 100KA	**B-POTH 100KA**	**L-POTH 100KA-FI**	100	35	250	ball bearing (C)	125	100 x 85	80 x 60	9	36
L-POTH 125G	**B-POTH 125G**	**L-POTH 125G-FI**	125	40	250	plain bore	150	100 x 85	80 x 60	9	38
L-POTH 125R	**B-POTH 125R**	**L-POTH 125R-FI**	125	40	250	roller bearing	150	100 x 85	80 x 60	9	38
L-POTH 125KA	**B-POTH 125KA**	**L-POTH 125KA-FI**	125	40	250	ball bearing (C)	150	100 x 85	80 x 60	9	38
L-POTH 150G	**B-POTH 150G**	**L-POTH 150G-FI**	150	45	400	plain bore	190	140 x 110	105 x 75–80	11	60
L-POTH 150R	**B-POTH 150R**	**L-POTH 150R-FI**	150	45	400	roller bearing	190	140 x 110	105 x 75–80	11	60
L-POTH 150K	**B-POTH 150K**	**L-POTH 150K-FI**	150	45	400	ball bearing	190	140 x 110	105 x 75–80	11	60
L-POTH 160G	**B-POTH 160G**	**L-POTH 160G-FI**	160	45	400	plain bore	195	140 x 110	105 x 75–80	11	60
L-POTH 160R	**B-POTH 160R**	**L-POTH 160R-FI**	160	45	400	roller bearing	195	140 x 110	105 x 75–80	11	60
L-POTH 160K	**B-POTH 160K**	**L-POTH 160K-FI**	160	45	400	ball bearing	195	140 x 110	105 x 75–80	11	60
L-POTH 200G	**B-POTH 200G**	**L-POTH 200G-FI**	200	50	400	plain bore	235	140 x 110	105 x 75–80	11	65
L-POTH 200R	**B-POTH 200R**	**L-POTH 200R-FI**	200	50	400	roller bearing	235	140 x 110	105 x 75–80	11	65
L-POTH 200K	**B-POTH 200K**	**L-POTH 200K-FI**	200	50	400	ball bearing	235	140 x 110	105 x 75–80	11	65
L-POTH 250G-3	**BH-POTH 250G**	*	250	50	500	plain bore	295	140 x 110	105 x 75–80	11	77
L-POTH 250K-3	**BH-POTH 250K**	*	250	50	500	ball bearing	295	140 x 110	105 x 75–80	11	77

* "stop-top" brake version, see versions / options

For stainless steel versions, see page 413

Versions / options















	with thread guard, pressed steel, zinc-plated	with "stop-top" brake	with "central-stop" central brake system	directional lock (separate) 1 x 360°	with steel foot guard	small thread guard with additional ball bearing seal	with corrosion-resistant wheel bearing and soft tread
Technical description page	116	112	113	115	116	85	270–273
Product code suffix	**-FA**	**-ST**	**-CS11**	**RI-03.01 / RI-05.03**	**-FS**	**-KAD**	**POTHS series**
Available for	wheel Ø 100–200 mm	all	wheel Ø 160–200 mm	RI-03.01: Ø 100–125 RI-05.03: Ø 150–200 **	all	upon request	see series L-POTHS

** Only for swivel castors without brake or swivel castor with "stop-top" and "central-stop" brake upon request

LK-POTH, BK-POTH, BH-POTH series

Pressed steel castors, heavy-duty design, with top plate, wheel with thermoplastic polyurethane tread

200–600 kg



Bracket: LK/BK/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 125x50 mm)
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

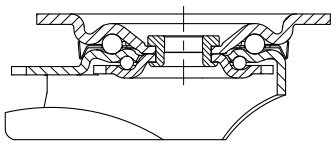
Wheel: POTH series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A, colour dark grey, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour natural white

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 263
- bearing types: page 84–85









5

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-POTH 75G	**BK-POTH 75G**	**LK-POTH 75G-FI**	75	37	200	plain bore	108	100 x 85	80 x 60	9	40
LK-POTH 75R	**BK-POTH 75R**	**LK-POTH 75R-FI**	75	37	200	roller bearing	108	100 x 85	80 x 60	9	40
LK-POTH 100G-1	**BK-POTH 100G-1**	**LK-POTH 100G-1-FI**	100	35	300	plain bore	130	100 x 85	80 x 60	9	45
LK-POTH 100R-1	**BK-POTH 100R-1**	**LK-POTH 100R-1-FI**	100	35	300	roller bearing	130	100 x 85	80 x 60	9	45
LK-POTH 100KA-1	**BK-POTH 100KA-1**	**LK-POTH 100KA-1-FI**	100	35	300	ball bearing (C)	130	100 x 85	80 x 60	9	45
LK-POTH 100G-3	**BK-POTH 100G-3**	**LK-POTH 100G-3-FI**	100	35	300	plain bore	130	140 x 110	105 x 75–80	11	45
LK-POTH 100R-3	**BK-POTH 100R-3**	**LK-POTH 100R-3-FI**	100	35	300	roller bearing	130	140 x 110	105 x 75–80	11	45
LK-POTH 100KA-3	**BK-POTH 100KA-3**	**LK-POTH 100KA-3-FI**	100	35	300	ball bearing (C)	130	140 x 110	105 x 75–80	11	45
LK-POTH 125G-1	**BK-POTH 125G-1**	**LK-POTH 125G-1-FI**	125	40	350	plain bore	155	100 x 85	80 x 60	9	48
LK-POTH 125R-1	**BK-POTH 125R-1**	**LK-POTH 125R-1-FI**	125	40	350	roller bearing	155	100 x 85	80 x 60	9	48
LK-POTH 125KA-1	**BK-POTH 125KA-1**	**LK-POTH 125KA-1-FI**	125	40	350	ball bearing (C)	155	100 x 85	80 x 60	9	48
LK-POTH 125G-3	**BK-POTH 125G-3**	**LK-POTH 125G-3-FI**	125	40	350	plain bore	155	140 x 110	105 x 75–80	11	48
LK-POTH 125R-3	**BK-POTH 125R-3**	**LK-POTH 125R-3-FI**	125	40	350	roller bearing	155	140 x 110	105 x 75–80	11	48
LK-POTH 125KA-3	**BK-POTH 125KA-3**	**LK-POTH 125KA-3-FI**	125	40	350	ball bearing (C)	155	140 x 110	105 x 75–80	11	48
LK-POTH 150G	**BH-POTH 150G**	**LK-POTH 150G-FI**	150	45	500	plain bore	197	140 x 110	105 x 75–80	11	60
LK-POTH 150R	**BH-POTH 150R**	**LK-POTH 150R-FI**	150	45	500	roller bearing	197	140 x 110	105 x 75–80	11	60
LK-POTH 150K	**BH-POTH 150K**	**LK-POTH 150K-FI**	150	45	500	ball bearing	197	140 x 110	105 x 75–80	11	60
LK-POTH 160K	**BH-POTH 160K**	**LK-POTH 160K-FI**	160	45	550	ball bearing	202	140 x 110	105 x 75–80	11	60
LK-POTH 200G	**BH-POTH 200G**	**LK-POTH 200G-FI**	200	50	600	plain bore	245	140 x 110	105 x 75–80	11	62
LK-POTH 200R	**BH-POTH 200R**	**LK-POTH 200R-FI**	200	50	600	roller bearing	245	140 x 110	105 x 75–80	11	62
LK-POTH 200K	**BH-POTH 200K**	**LK-POTH 200K-FI**	200	50	600	ball bearing	245	140 x 110	105 x 75–80	11	62

For stainless steel versions, see page 414

Versions / options















	with thread guard, pressed steel, zinc-plated	with "stop-top" brake	with "ideal-stop" brake total height +17 mm	with directional lock (separate) 1x 360°	with steel foot guard	small thread guard with additional ball bearing seal	with corrosion-resistant wheel bearing and soft tread
Technical description page	116	112	112	115	116	85	270–273
Product code suffix	**-FA**	**-ST**	**-IS**	**see ****	**-FS**	**-KAD**	**POTHS series**
Available for	wheel Ø 100–200 mm	all	wheel Ø 160–200 mm*	for wheel Ø and plate dimensions, see**	upon request	upon request	see series LK-POTHS

* Synthetic adapter plate to balance out total height for swivel and fixed castors without "ideal-stop" brake: **product code AP3-17**

** **RI-05.01** for wheel Ø 75–125 mm with plate 100x85 mm, **RI-03.03** for wheel Ø 100–125 mm with plate 140x110 mm, **RI-05.03** for wheel Ø 150–200 mm
(Only for swivel castors without brake or swivel castor with "stop-top" brake upon request)

LKR-POTH series

Pressed steel castors, heavy-duty design, with bolt hole, wheel with thermoplastic polyurethane tread



200–350 kg

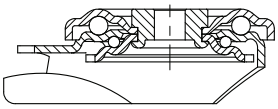
Bracket: LKR series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: POTH series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A, colour dark grey, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour natural white

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 263
- bearing types: page 84–85







Swivel castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LKR-POTH 75G	**LKR-POTH 75G-FI**	75	37	200	plain bore	108	88	13	40
LKR-POTH 75R	**LKR-POTH 75R-FI**	75	37	200	roller bearing	108	88	13	40
LKR-POTH 100G	**LKR-POTH 100G-FI**	100	35	300	plain bore	130	88	13	45
LKR-POTH 100R	**LKR-POTH 100R-FI**	100	35	300	roller bearing	130	88	13	45
LKR-POTH 100KA	**LKR-POTH 100KA-FI**	100	35	300	ball bearing (C)	130	88	13	45
LKR-POTH 125G	**LKR-POTH 125G-FI**	125	40	350	plain bore	155	88	13	48
LKR-POTH 125R	**LKR-POTH 125R-FI**	125	40	350	roller bearing	155	88	13	48
LKR-POTH 125KA	**LKR-POTH 125KA-FI**	125	40	350	ball bearing (C)	155	88	13	48

Versions / options







	with thread guard, pressed steel, zinc-plated	small thread guard with additional ball bearing seal	truck lock
Technical description page	116	85	114
Product code suffix	**-FA**	**-KAD**	**FF 100-1 / FF 125-1**
Available for	wheel Ø 100–125 mm	upon request	wheel Ø 100+125 mm

LH-POTH, BH-POTH series, wheel Ø 75–125 mm

Pressed steel castors, heavy-duty design, with top plate, wheel with thermoplastic polyurethane tread



200–350 kg

Bracket: LH/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- heavy fork and top plate

Swivel bracket:
- double ball bearing in the swivel head
- bolted and secured central kingpin, extremely strong
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**

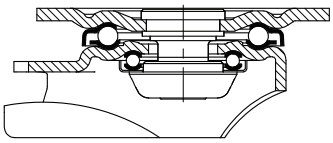
Wheel: POTH series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A, colour dark grey, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour natural white

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 263
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-POTH 75G	**BH-POTH 75G**	**LH-POTH 75G-FI**	75	37	200	plain bore	118	100 x 85	80 x 60	9	45
LH-POTH 75R	**BH-POTH 75R**	**LH-POTH 75R-FI**	75	37	200	roller bearing	118	100 x 85	80 x 60	9	45
LH-POTH 100G-1	**BH-POTH 100G-1**	**LH-POTH 100G-1-FI**	100	35	300	plain bore	140	100 x 85	80 x 60	9	45
LH-POTH 100R-1	**BH-POTH 100R-1**	**LH-POTH 100R-1-FI**	100	35	300	roller bearing	140	100 x 85	80 x 60	9	45
LH-POTH 100K-1	**BH-POTH 100K-1**	**LH-POTH 100K-1-FI**	100	35	300	ball bearing	140	100 x 85	80 x 60	9	45
LH-POTH 100G-3	**BH-POTH 100G-3**	**LH-POTH 100G-3-FI**	100	35	300	plain bore	140	140 x 110	105 x 75–80	11	45
LH-POTH 100R-3	**BH-POTH 100R-3**	**LH-POTH 100R-3-FI**	100	35	300	roller bearing	140	140 x 110	105 x 75–80	11	45
LH-POTH 100K-3	**BH-POTH 100K-3**	**LH-POTH 100K-3-FI**	100	35	300	ball bearing	140	140 x 110	105 x 75–80	11	45
LH-POTH 125G-1	**BH-POTH 125G-1**	**LH-POTH 125G-1-FI**	125	40	350	plain bore	165	100 x 85	80 x 60	9	45
LH-POTH 125R-1	**BH-POTH 125R-1**	**LH-POTH 125R-1-FI**	125	40	350	roller bearing	165	100 x 85	80 x 60	9	45
LH-POTH 125K-1	**BH-POTH 125K-1**	**LH-POTH 125K-1-FI**	125	40	350	ball bearing	165	100 x 85	80 x 60	9	45
LH-POTH 125G-3	**BH-POTH 125G-3**	**LH-POTH 125G-3-FI**	125	40	350	plain bore	165	140 x 110	105 x 75–80	11	45
LH-POTH 125R-3	**BH-POTH 125R-3**	**LH-POTH 125R-3-FI**	125	40	350	roller bearing	165	140 x 110	105 x 75–80	11	45
LH-POTH 125K-3	**BH-POTH 125K-3**	**LH-POTH 125K-3-FI**	125	40	350	ball bearing	165	140 x 110	105 x 75–80	11	45

For other wheel Ø, see next page

Versions / options



	with thread guard, pressed steel, zinc-plated	with "stop-top" brake	directional lock (separate) 1 x 360°	directional lock (separate) 1 x 360°	with steel foot guard
Technical description page	116	112	115	115	116
Product code suffix	**-FA**	**-ST**	**RI-04.01**	**RI-04.03**	**-FS**
Available for	wheel Ø 100–125 mm	all	wheel Ø 75–125 mm with plate 100x85 mm*	wheel Ø 100–125 mm with plate 140x110 mm*	all from wheel Ø 100 mm

* Only for swivel castors without brake or swivel castor with "stop-top" brake upon request

LH-POTH, BH-POTH series, wheel Ø 150–250 mm

Pressed steel castors, heavy-duty design, with top plate, wheel with thermoplastic polyurethane tread



500–900 kg

Bracket: LH/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- heavy fork and top plate

Swivel bracket:
- double ball bearing in the swivel head
- bolted and secured central kingpin, extremely strong
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**

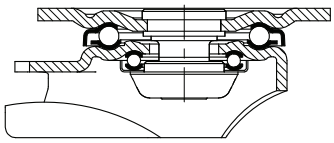
Wheel: POTH series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A, colour dark grey, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour natural white

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 263
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-POTH 150G	**BH-POTH 150G**	**LH-POTH 150G-FI**	150	45	500	plain bore	197	140 x 110	105 x 75–80	11	65
LH-POTH 150R	**BH-POTH 150R**	**LH-POTH 150R-FI**	150	45	500	roller bearing	197	140 x 110	105 x 75–80	11	65
LH-POTH 150K	**BH-POTH 150K**	**LH-POTH 150K-FI**	150	45	500	ball bearing	197	140 x 110	105 x 75–80	11	65
LH-POTH 160G	**BH-POTH 160G**	**LH-POTH 160G-FI**	160	45	550	plain bore	202	140 x 110	105 x 75–80	11	65
LH-POTH 160R	**BH-POTH 160R**	**LH-POTH 160R-FI**	160	45	550	roller bearing	202	140 x 110	105 x 75–80	11	65
LH-POTH 160K	**BH-POTH 160K**	**LH-POTH 160K-FI**	160	45	550	ball bearing	202	140 x 110	105 x 75–80	11	65
LH-POTH 200G	**BH-POTH 200G**	**LH-POTH 200G-FI**	200	50	800	plain bore	245	140 x 110	105 x 75–80	11	70
LH-POTH 200R	**BH-POTH 200R**	**LH-POTH 200R-FI**	200	50	600	roller bearing	245	140 x 110	105 x 75–80	11	70
LH-POTH 200K	**BH-POTH 200K**	**LH-POTH 200K-FI**	200	50	800	ball bearing	245	140 x 110	105 x 75–80	11	70
LH-POTH 250G	**BH-POTH 250G**	*	250	50	900	plain bore	295	140 x 110	105 x 75–80	11	82
LH-POTH 250K	**BH-POTH 250K**	*	250	50	900	ball bearing	295	140 x 110	105 x 75–80	11	82

* "stop-top" brake version, see versions / options

Versions / options









	with thread guard, pressed steel, zinc-plated	with "stop-top" brake	directional lock (separate) 1 x 360°	with steel foot guard
Technical description page	116	112	115	116
Product code suffix	**-FA**	**-ST**	**RI-05.03**	**-FS**
Available for	wheel Ø 150–200 mm	all	wheel Ø 150–200 mm**	all

** Only for swivel castors without brake or swivel castor with "stop-top" brake upon request

LUH-POTH, BH-POTH series

Pressed steel castors, heavy-duty design, enclosed, with top plate, wheel with thermoplastic polyurethane tread



350–800 kg

Bracket: LUH/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- four-point ball bearing for extremely heavy loads
- enclosed and sealed swivel head
- particularly resistant to shocks and impact due to **specially-shaped, hardened bearing seats**

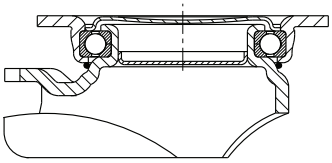
Wheel: POTH series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A, colour dark grey, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour natural white

Additional details:
- bracket series: page 93
- brakes: page 112–113
- wheel series: page 263
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LUH-POTH 125K	**BH-POTH 125K-3**	**LUH-POTH 125K-FI**	125	40	350	ball bearing	170	140 x 110	105 x 75–80	11	55
LUH-POTH 150G	**BH-POTH 150G**	**LUH-POTH 150G-FI**	150	45	500	plain bore	197	140 x 110	105 x 75–80	11	61
LUH-POTH 150R	**BH-POTH 150R**	**LUH-POTH 150R-FI**	150	45	500	roller bearing	197	140 x 110	105 x 75–80	11	61
LUH-POTH 150K	**BH-POTH 150K**	**LUH-POTH 150K-FI**	150	45	500	ball bearing	197	140 x 110	105 x 75–80	11	61
LUH-POTH 160G	**BH-POTH 160G**	**LUH-POTH 160G-FI**	160	45	550	plain bore	202	140 x 110	105 x 75–80	11	61
LUH-POTH 160R	**BH-POTH 160R**	**LUH-POTH 160R-FI**	160	45	550	roller bearing	202	140 x 110	105 x 75–80	11	61
LUH-POTH 160K	**BH-POTH 160K**	**LUH-POTH 160K-FI**	160	45	550	ball bearing	202	140 x 110	105 x 75–80	11	61
LUH-POTH 200G	**BH-POTH 200G**	**LUH-POTH 200G-FI**	200	50	800	plain bore	245	140 x 110	105 x 75–80	11	63
LUH-POTH 200R	**BH-POTH 200R**	**LUH-POTH 200R-FI**	200	50	600	roller bearing	245	140 x 110	105 x 75–80	11	63
LUH-POTH 200K	**BH-POTH 200K**	**LUH-POTH 200K-FI**	200	50	800	ball bearing	245	140 x 110	105 x 75–80	11	63

Versions / options









	with thread guard, pressed steel, zinc-plated	directional lock (separate) 1 x 360°	with steel foot guard	with corrosion-resistant wheel bearing and soft tread
Technical description page	116	115	116	270–273
Product code suffix	**-FA**	**RI-05.03**	**-FS**	**POTHS series**
Available for	all	all*	upon request	see series LUH-POTHS

* Only for swivel castors without brake

POTHS series

Wheels with soft thermoplastic polyurethane tread, with heavy-duty nylon wheel centre



200–550 kg

Tread and tyre hardness
80 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
very good

Wear resistance
good

Tread:
- high-quality thermoplastic polyurethane (TPU), hardness 80 Shore A
- very good operational comfort
- low rolling and swivel resistance
- very good floor preservation, low-noise operation
- colour blue, non-marking, non-staining
- chemically-bonded inseparable connection with the wheel centre

Wheel centre:
- high-quality nylon 6, impact resistant
- colour natural white

Other features:
- KA version: with synthetic thread guard, small
- very high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +35 °C

Additional details:

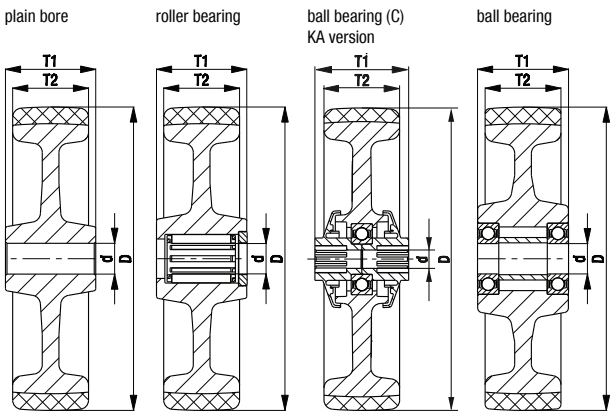
- wheel series: page 65
- tread: page 55
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
POTHS 100/12G	100	35	200	plain bore	12	45
POTHS 100/15G	100	35	200	plain bore	15	45
POTHS 100/12R	100	35	200	roller bearing	12	45
POTHS 100/15R	100	35	200	roller bearing	15	45
POTHS 100/8KA	100	35	200	ball bearing (C)	8	46
POTHS 100/10KA	100	35	200	ball bearing (C)	10	46
POTHS 125/12G	125	40	275	plain bore	12	45
POTHS 125/15G	125	40	275	plain bore	15	45
POTHS 125/12R	125	40	275	roller bearing	12	45
POTHS 125/15R	125	40	275	roller bearing	15	45
POTHS 125/8KA	125	40	275	ball bearing (C)	8	46
POTHS 125/10KA	125	40	275	ball bearing (C)	10	46
POTHS 125/15K	125	40	275	ball bearing	15	45
POTHS 160/20G	160	45	400	plain bore	20	60
POTHS 160/20R	160	45	400	roller bearing	20	60
POTHS 160/20K	160	45	400	ball bearing	20	60
POTHS 200/20G	200	50	550	plain bore	20	60
POTHS 200/20R	200	50	550	roller bearing	20	60
POTHS 200/20K	200	50	550	ball bearing	20	60

Versions / options



	with stainless steel roller bearing in the wheel hub	with stainless steel ball bearing in the wheel hub	with stainless steel ball bearing and small thread guard
Technical description page	84	84	85
Product code suffix	**-XR**	**-XK**	**-XKA**
Available for	all	wheel Ø 160–200 mm	wheel Ø 100–125 ball bearing (C)



L-POTHS, B-POTHS series

Pressed steel castors, medium-duty design, with top plate, wheel with soft thermoplastic polyurethane tread



200–400 kg

Bracket: L/B series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 150 mm)
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

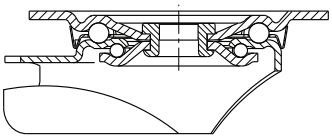
Wheel: POTHS series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 80 Shore A, colour blue, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour natural white

Additional details:
- bracket series: page 91
- brakes: page 112–113
- wheel series: page 270
- bearing types: page 84–85









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Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-POTHS 100G	**B-POTHS 100G**	**L-POTHS 100G-FI**	100	35	200	plain bore	125	100 x 85	80 x 60	9	36
L-POTHS 100R	**B-POTHS 100R**	**L-POTHS 100R-FI**	100	35	200	roller bearing	125	100 x 85	80 x 60	9	36
L-POTHS 100KA	**B-POTHS 100KA**	**L-POTHS 100KA-FI**	100	35	200	ball bearing (C)	125	100 x 85	80 x 60	9	36
L-POTHS 125G	**B-POTHS 125G**	**L-POTHS 125G-FI**	125	40	250	plain bore	150	100 x 85	80 x 60	9	38
L-POTHS 125R	**B-POTHS 125R**	**L-POTHS 125R-FI**	125	40	250	roller bearing	150	100 x 85	80 x 60	9	38
L-POTHS 125KA	**B-POTHS 125KA**	**L-POTHS 125KA-FI**	125	40	250	ball bearing (C)	150	100 x 85	80 x 60	9	38
L-POTHS 160G	**B-POTHS 160G**	**L-POTHS 160G-FI**	160	45	400	plain bore	195	140 x 110	105 x 75–80	11	60
L-POTHS 160R	**B-POTHS 160R**	**L-POTHS 160R-FI**	160	45	400	roller bearing	195	140 x 110	105 x 75–80	11	60
L-POTHS 160K	**B-POTHS 160K**	**L-POTHS 160K-FI**	160	45	400	ball bearing	195	140 x 110	105 x 75–80	11	60
L-POTHS 200G	**B-POTHS 200G**	**L-POTHS 200G-FI**	200	50	400	plain bore	235	140 x 110	105 x 75–80	11	65
L-POTHS 200R	**B-POTHS 200R**	**L-POTHS 200R-FI**	200	50	400	roller bearing	235	140 x 110	105 x 75–80	11	65
L-POTHS 200K	**B-POTHS 200K**	**L-POTHS 200K-FI**	200	50	400	ball bearing	235	140 x 110	105 x 75–80	11	65

For stainless steel versions, see page 412

Versions / options















	with thread guard, pressed steel, zinc-plated	with "stop-top" brake	with "central-stop" central brake system	directional lock (separate) 1 x 360°	with stainless steel roller bearing in the wheel hub	with stainless steel ball bearing in the wheel hub	with steel foot guard
Technical description page	116	112	113	115	84	84 / 85	116
Product code suffix	**-FA**	**-ST**	**-CS11**	**RI-03.01 / RI-05.03**	**-XR**	**-XK / -XKA**	**-FS**
Available for	all	all	wheel Ø 160–200 mm	RI-03.01: Ø 100–125 RI-05.03: Ø 160–200 *	all	all	all

* Only for swivel castors without brake or swivel castor with "stop-top" and "central-stop" brake upon request

LK-POTHS, BK-POTHS, BH-POTHS series

Pressed steel castors, heavy-duty design, with top plate, wheel with soft thermoplastic polyurethane tread



200–550 kg

Bracket: LK/BK/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 125x50 mm)
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

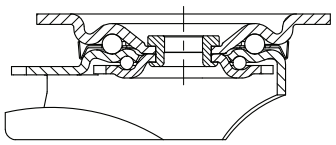
Wheel: POTHS series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 80 Shore A, colour blue, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour natural white

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 270
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-POTHS 100G-1	**BK-POTHS 100G-1**	**LK-POTHS 100G-1-FI**	100	35	200	plain bore	130	100 x 85	80 x 60	9	45
LK-POTHS 100R-1	**BK-POTHS 100R-1**	**LK-POTHS 100R-1-FI**	100	35	200	roller bearing	130	100 x 85	80 x 60	9	45
LK-POTHS 100KA-1	**BK-POTHS 100KA-1**	**LK-POTHS 100KA-1-FI**	100	35	200	ball bearing (C)	130	100 x 85	80 x 60	9	45
LK-POTHS 100G-3	**BK-POTHS 100G-3**	**LK-POTHS 100G-3-FI**	100	35	200	plain bore	130	140 x 110	105 x 75–80	11	45
LK-POTHS 100R-3	**BK-POTHS 100R-3**	**LK-POTHS 100R-3-FI**	100	35	200	roller bearing	130	140 x 110	105 x 75–80	11	45
LK-POTHS 100KA-3	**BK-POTHS 100KA-3**	**LK-POTHS 100KA-3-FI**	100	35	200	ball bearing (C)	130	140 x 110	105 x 75–80	11	45
LK-POTHS 125G-1	**BK-POTHS 125G-1**	**LK-POTHS 125G-1-FI**	125	40	275	plain bore	155	100 x 85	80 x 60	9	48
LK-POTHS 125R-1	**BK-POTHS 125R-1**	**LK-POTHS 125R-1-FI**	125	40	275	roller bearing	155	100 x 85	80 x 60	9	48
LK-POTHS 125KA-1	**BK-POTHS 125KA-1**	**LK-POTHS 125KA-1-FI**	125	40	275	ball bearing (C)	155	100 x 85	80 x 60	9	48
LK-POTHS 125G-3	**BK-POTHS 125G-3**	**LK-POTHS 125G-3-FI**	125	40	275	plain bore	155	140 x 110	105 x 75–80	11	48
LK-POTHS 125R-3	**BK-POTHS 125R-3**	**LK-POTHS 125R-3-FI**	125	40	275	roller bearing	155	140 x 110	105 x 75–80	11	48
LK-POTHS 125KA-3	**BK-POTHS 125KA-3**	**LK-POTHS 125KA-3-FI**	125	40	275	ball bearing (C)	155	140 x 110	105 x 75–80	11	48
LK-POTHS 160G	**BH-POTHS 160G**	**LK-POTHS 160G-FI**	160	45	400	plain bore	202	140 x 110	105 x 75–80	11	60
LK-POTHS 160R	**BH-POTHS 160R**	**LK-POTHS 160R-FI**	160	45	400	roller bearing	202	140 x 110	105 x 75–80	11	60
LK-POTHS 160K	**BH-POTHS 160K**	**LK-POTHS 160K-FI**	160	45	400	ball bearing	202	140 x 110	105 x 75–80	11	60
LK-POTHS 200G	**BH-POTHS 200G**	**LK-POTHS 200G-FI**	200	50	550	plain bore	245	140 x 110	105 x 75–80	11	62
LK-POTHS 200R	**BH-POTHS 200R**	**LK-POTHS 200R-FI**	200	50	550	roller bearing	245	140 x 110	105 x 75–80	11	62
LK-POTHS 200K	**BH-POTHS 200K**	**LK-POTHS 200K-FI**	200	50	550	ball bearing	245	140 x 110	105 x 75–80	11	62

Versions / options



	with thread guard, pressed steel, zinc-plated	with "stop-top" brake	with "ideal-stop" brake total height +17 mm	with directional lock (separate) 1x 360°	with stainless steel roller bearing in the wheel hub	with stainless steel ball bearing in the wheel hub	with steel foot guard
Technical description page	116	112	112	115	84	84 / 85	116
Product code suffix	**-FA**	**-ST**	**-IS**	**see ****	**-XR**	**-XK / -XKA**	**-FS**
Available for	all	all	wheel Ø 160–200 mm*	for wheel Ø and plate dimensions, see**	all	all	upon request

* Synthetic adapter plate to balance out total height for swivel and fixed castors without "ideal-stop" brake: **product code AP3-17**

** **RI-05.01** for wheel Ø 100–125 mm with plate 100x85 mm, **RI-03.03** for wheel Ø 100–125 mm with plate 140x110 mm, **RI-05.03** for wheel Ø 160–200 mm
(Only for swivel castors without brake or swivel castor with "stop-top" brake upon request)

LUH-POTHS, BH-POTHS series

Pressed steel castors, heavy-duty design, enclosed, with top plate, wheel with soft thermoplastic polyurethane tread



275–550 kg

Bracket: LUH/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- four-point ball bearing for extremely heavy loads
- enclosed and sealed swivel head
- particularly resistant to shocks and impact due to **specially-shaped, hardened bearing seats**

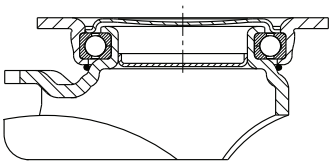
Wheel: POTHS series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 80 Shore A, colour blue, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour natural white

Additional details:
- bracket series: page 93
- brakes: page 112–113
- wheel series: page 270
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LUH-POTHS 125K	**BH-POTHS 125K-3**	**LUH-POTHS 125K-FI**	125	40	275	ball bearing	170	140 x 110	105 x 75–80	11	55
LUH-POTHS 160G	**BH-POTHS 160G**	**LUH-POTHS 160G-FI**	160	45	400	plain bore	202	140 x 110	105 x 75–80	11	61
LUH-POTHS 160R	**BH-POTHS 160R**	**LUH-POTHS 160R-FI**	160	45	400	roller bearing	202	140 x 110	105 x 75–80	11	61
LUH-POTHS 160K	**BH-POTHS 160K**	**LUH-POTHS 160K-FI**	160	45	400	ball bearing	202	140 x 110	105 x 75–80	11	61
LUH-POTHS 200G	**BH-POTHS 200G**	**LUH-POTHS 200G-FI**	200	50	550	plain bore	245	140 x 110	105 x 75–80	11	63
LUH-POTHS 200R	**BH-POTHS 200R**	**LUH-POTHS 200R-FI**	200	50	550	roller bearing	245	140 x 110	105 x 75–80	11	63
LUH-POTHS 200K	**BH-POTHS 200K**	**LUH-POTHS 200K-FI**	200	50	550	ball bearing	245	140 x 110	105 x 75–80	11	63

Versions / options











	with thread guard, pressed steel, zinc-plated	directional lock (separate) 1 x 360°	with stainless steel roller bearing in the wheel hub	with stainless steel ball bearing in the wheel hub	with steel foot guard
Technical description page	116	115	84	84	116
Product code suffix	**-FA**	**RI-05.03**	**-XR**	**-XK**	**-FS**
Available for	all	all*	all	wheel Ø 160–200 mm	upon request

* Only for swivel castors without brake

Blickle®

ALTH series

Heavy-duty wheels with Blickle Extrathane® polyurethane tread, with aluminium wheel centre



200–1,250 kg

Tread and tyre hardness
92 Shore A

Smooth operation / floor preservation
good

Rolling resistance
very good

Wear resistance
excellent

Blickle Extrathane®

5

Tread:
- high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A
- low rolling resistance
- high abrasion resistance
- high cut and tear propagation resistance
- colour light brown, non-marking, non-staining
- excellent chemical connection with the wheel centre

Wheel centre:
- die-cast aluminium

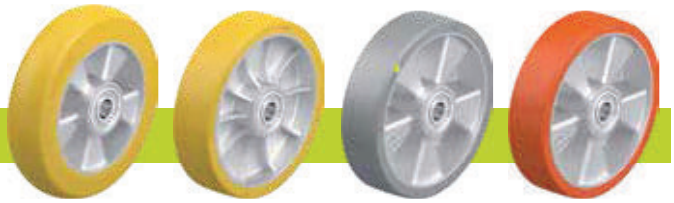
Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

Additional details:
- wheel series: page 65
- tread: page 55
- bearing types: page 84–85
- chemical resistance: page 51

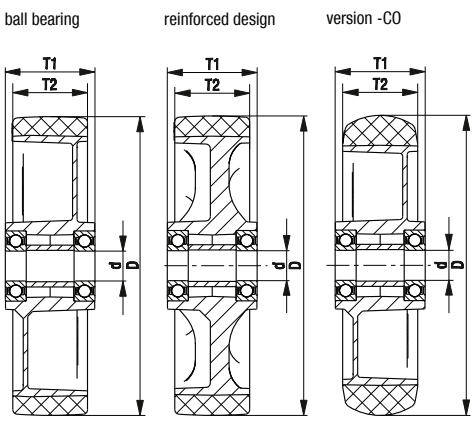
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
ALTH 80/15K	80	30	200	–	ball bearing	15	35
ALTH 100/15K	100	40	350	–	ball bearing	15	45
ALTH 101/15K *	100	40	420	–	ball bearing	15	40
ALTH 101/15K-CO *	100	40	420	–	ball bearing	15	40
ALTH 125/15K	125	40	550	–	ball bearing	15	45
ALTH 125/15K-CO	125	40	550	–	ball bearing	15	45
ALTH 127/20K	125	54	750	370	ball bearing	20	60
ALTH 140/20K	140	54	800	400	ball bearing	20	60
ALTH 151/15K	150	40	400	200	ball bearing	15	60
ALTH 150/20K	150	50	650	320	ball bearing	20	60
ALTH 152/20K *	150	54	900	450	ball bearing	20	60
ALTH 160/20K	160	50	750	370	ball bearing	20	60
ALTH 160/20K-CO	160	50	750	300	ball bearing	20	60
ALTH 162/20K *	160	50	950	470	ball bearing	20	60
ALTH 180/20K	180	50	700	350	ball bearing	20	60
ALTH 200/20K	200	50	800	400	ball bearing	20	60
ALTH 200/20K-CO	200	50	800	320	ball bearing	20	60
ALTH 200/25K	200	50	800	400	ball bearing	25	60
ALTH 200/25K-CO	200	50	800	320	ball bearing	25	60
ALTH 202/20K *	200	50	1,000	500	ball bearing	20	60
ALTH 250/25K	250	60	1,000	500	ball bearing	25	70
ALTH 252/25K *	250	60	1,250	620	ball bearing	25	70

* With heavy-duty wheel centre, reinforced design

Versions / options



	version with extremely crowned tread	version with heavy duty wheel centre, reinforced design	antistatic version, non-marking grey	other shore hardnesses and special colours
Technical description page	55		50	
Product code suffix	**-CO**		**-AS**	
Available for			all with exception of wheel Ø 140 mm	upon request



L-ALTH, B-ALTH, BH-ALTH series

Pressed steel castors, medium-duty version, with top plate, wheel with Blickle Extrathane® polyurethane tread

200–500 kg



Bracket: L/B/BH series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 150 mm)
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: ALTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre: die-cast aluminium, colour silver grey

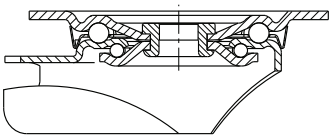
Additional details:
- bracket series: page 91
- brakes: page 112–113
- wheel series: page 274
- bearing types: page 84–85

Blickle Extrathane®









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Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-ALTH 80K	**B-ALTH 80K**	**L-ALTH 80K-FI**	80	30	200	ball bearing	102	100 x 85	80 x 60	9	38
L-ALTH 100K	**B-ALTH 100K**	**L-ALTH 100K-FI**	100	40	250	ball bearing	125	100 x 85	80 x 60	9	36
L-ALTH 125K	**B-ALTH 125K**	**L-ALTH 125K-FI**	125	40	250	ball bearing	150	100 x 85	80 x 60	9	38
L-ALTH 125K-CO	**B-ALTH 125K-CO**	**L-ALTH 125K-FI-CO**	125	40	250	ball bearing	150	100 x 85	80 x 60	9	38
L-ALTH 151K	**B-ALTH 151K**	**L-ALTH 151K-FI**	150	40	400	ball bearing	190	140 x 110	105 x 75–80	11	60
L-ALTH 150K	**B-ALTH 150K**	**L-ALTH 150K-FI**	150	50	400	ball bearing	190	140 x 110	105 x 75–80	11	60
L-ALTH 160K	**B-ALTH 160K**	**L-ALTH 160K-FI**	160	50	400	ball bearing	195	140 x 110	105 x 75–80	11	60
L-ALTH 160K-CO	**B-ALTH 160K-CO**	**L-ALTH 160K-FI-CO**	160	50	400	ball bearing	195	140 x 110	105 x 75–80	11	60
L-ALTH 180K	**B-ALTH 180K**	**L-ALTH 180K-FI**	180	50	400	ball bearing	215	140 x 110	105 x 75–80	11	60
L-ALTH 200K	**B-ALTH 200K**	**L-ALTH 200K-FI**	200	50	400	ball bearing	235	140 x 110	105 x 75–80	11	65
L-ALTH 200K-CO	**B-ALTH 200K-CO**	**L-ALTH 200K-FI-CO**	200	50	400	ball bearing	235	140 x 110	105 x 75–80	11	65
L-ALTH 250K-3	**BH-ALTH 250K**	*	250	60	500	ball bearing	295	140 x 110	105 x 75–80	11	77

* "stop-top" brake version, see versions / options

Versions / options















	version with extremely crowned tread	antistatic version, non-marking grey	with "stop-top" brake	with "central-stop" central brake system	directional lock (separate) 1 x 360°	directional lock (separate) 1 x 360°	with steel foot guard
Technical description page	55	50	112	113	115	115	116
Product code suffix	**-CO**	**-AS**	**-ST**	**-CS11**	**RI-03.01**	**RI-05.03**	**-FS**
Available for		all	all	wheel Ø 160+200 mm	wheel Ø 100–125 mm**	wheel Ø 150–200 mm**	wheel Ø 100–250 mm

** Only for swivel castors without brake or swivel castor with "stop-top" and "central-stop" brake upon request

LK-ALTH, BK-ALTH, BH-ALTH series

Pressed steel castors, heavy-duty design, with top plate, wheel with Blickle Extrathane® polyurethane tread

200–600 kg



Bracket: LK/BK/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 125x50 mm)
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: ALTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre: die-cast aluminium, colour silver grey

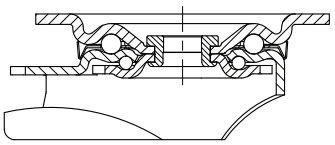
Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 274
- bearing types: page 84–85

Blickle Extrathane®









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-ALTH 80K	**BK-ALTH 80K**	**LK-ALTH 80K-FI**	80	30	200	ball bearing	110	100 x 85	80 x 60	9	40
LK-ALTH 100K-1	**BK-ALTH 100K-1**	**LK-ALTH 100K-1-FI**	100	40	350	ball bearing	130	100 x 85	80 x 60	9	45
LK-ALTH 100K-3	**BK-ALTH 100K-3**	**LK-ALTH 100K-3-FI**	100	40	350	ball bearing	130	140 x 110	105 x 75–80	11	45
LK-ALTH 125K-1	**BK-ALTH 125K-1**	**LK-ALTH 125K-1-FI**	125	40	350	ball bearing	155	100 x 85	80 x 60	9	48
LK-ALTH 125K-1-CO	**BK-ALTH 125K-1-CO**	**LK-ALTH 125K-1-FI-CO**	125	40	350	ball bearing	155	100 x 85	80 x 60	9	48
LK-ALTH 125K-3	**BK-ALTH 125K-3**	**LK-ALTH 125K-3-FI**	125	40	350	ball bearing	155	140 x 110	105 x 75–80	11	48
LK-ALTH 125K-3-CO	**BK-ALTH 125K-3-CO**	**LK-ALTH 125K-3-FI-CO**	125	40	350	ball bearing	155	140 x 110	105 x 75–80	11	48
LK-ALTH 127K	**BH-ALTH 127K**	**LK-ALTH 127K-FI**	125	54	600	ball bearing	170	140 x 110	105 x 75–80	11	55
LK-ALTH 150K	**BH-ALTH 150K**	**LK-ALTH 150K-FI**	150	50	600	ball bearing	197	140 x 110	105 x 75–80	11	60
LK-ALTH 160K	**BH-ALTH 160K**	**LK-ALTH 160K-FI**	160	50	600	ball bearing	202	140 x 110	105 x 75–80	11	60
LK-ALTH 160K-CO	**BH-ALTH 160K-CO**	**LK-ALTH 160K-FI-CO**	160	50	600	ball bearing	202	140 x 110	105 x 75–80	11	60
LK-ALTH 180K	**BH-ALTH 180K**	**LK-ALTH 180K-FI**	180	50	600	ball bearing	223	140 x 110	105 x 75–80	11	65
LK-ALTH 200K	**BH-ALTH 200K**	**LK-ALTH 200K-FI**	200	50	600	ball bearing	245	140 x 110	105 x 75–80	11	62
LK-ALTH 200K-CO	**BH-ALTH 200K-CO**	**LK-ALTH 200K-FI-CO**	200	50	600	ball bearing	245	140 x 110	105 x 75–80	11	62

Versions / options













	version with extremely crowned tread	antistatic version, non-marking grey	with "stop-top" brake	with "ideal-stop" brake total height +17 mm	with directional lock (separate) 1x 360°	with steel foot guard
Technical description page	55	50	112	112	115	116
Product code suffix	**-CO**	**-AS**	**-ST**	**-IS**	**see ****	**-FS**
Available for		all	all	wheel Ø 160+200 mm*	for wheel Ø and plate dimensions, see**	upon request

* Synthetic adapter plate to balance out total height for swivel and fixed castors without "ideal-stop" brake: **product code AP3-17**

** **RI-05.01** for wheel Ø 80–125 mm with plate 100x85 mm, **RI-03.03** for wheel Ø 100–125x40 mm with plate 140x110 mm, **RI-05.03** for wheel Ø 125x54–200 mm
(Only for swivel castors without brake or swivel castor with "stop-top" brake upon request)

LKR-ALTH series

Pressed steel castors, heavy-duty design, with bolt hole, wheel with Blickle Extrathane® polyurethane tread



200–350 kg

Bracket: LKR series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

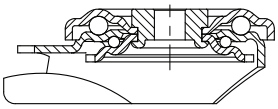
Wheel: ALTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre: die-cast aluminium, colour silver grey

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 274
- bearing types: page 84–85

Blickle Extrathane®







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Swivel castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LKR-ALTH 80K	**LKR-ALTH 80K-FI**	80	30	200	ball bearing	110	88	13	40
LKR-ALTH 100K	**LKR-ALTH 100K-FI**	100	40	350	ball bearing	130	88	13	45
LKR-ALTH 125K	**LKR-ALTH 125K-FI**	125	40	350	ball bearing	155	88	13	48
LKR-ALTH 125K-CO	**LKR-ALTH 125K-FI-CO**	125	40	350	ball bearing	155	88	13	48

Versions / options







	version with extremely crowned tread	antistatic version, non-marking grey	truck lock
Technical description page	55	50	114
Product code suffix	**-CO**	**-AS**	**FF 100-1 / FF 125-1**
Available for		all	wheel Ø 100+125 mm

Blickle®

LH-ALTH, BH-ALTH series

Pressed steel castors, heavy-duty design, with top plate, wheel with Blickle Extrathane® polyurethane tread

200–900 kg



Bracket: LH/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- heavy fork and top plate

Swivel bracket:
- double ball bearing in the swivel head
- bolted and secured central kingpin, extremely strong
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**

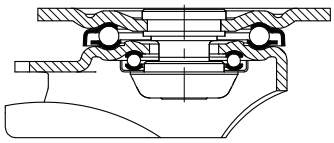
Wheel: ALTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre: die-cast aluminium, colour silver grey

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 274
- bearing types: page 84–85

Blickle Extrathane®







Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-ALTH 80K	**BH-ALTH 80K**	**LH-ALTH 80K-FI**	80	30	200	ball bearing	120	100 x 85	80 x 60	9	45
LH-ALTH 100K-1	**BH-ALTH 100K-1**	**LH-ALTH 100K-1-FI**	100	40	350	ball bearing	140	100 x 85	80 x 60	9	45
LH-ALTH 101K-1 *	**BH-ALTH 101K-1 ***	**LH-ALTH 101K-1-FI ***	100	40	420	ball bearing	140	100 x 85	80 x 60	9	45
LH-ALTH 101K-1-CO *	**BH-ALTH 101K-1-CO ***	**LH-ALTH 101K-1-FI-CO ***	100	40	420	ball bearing	140	100 x 85	80 x 60	9	45
LH-ALTH 100K-3	**BH-ALTH 100K-3**	**LH-ALTH 100K-3-FI**	100	40	350	ball bearing	140	140 x 110	105 x 75–80	11	45
LH-ALTH 101K-3 *	**BH-ALTH 101K-3 ***	**LH-ALTH 101K-3-FI ***	100	40	420	ball bearing	140	140 x 110	105 x 75–80	11	45
LH-ALTH 101K-3-CO *	**BH-ALTH 101K-3-CO ***	**LH-ALTH 101K-3-FI-CO ***	100	40	420	ball bearing	140	140 x 110	105 x 75–80	11	45
LH-ALTH 125K-1	**BH-ALTH 125K-1**	**LH-ALTH 125K-1-FI**	125	40	550	ball bearing	165	100 x 85	80 x 60	9	45
LH-ALTH 125K-1-CO	**BH-ALTH 125K-1-CO**	**LH-ALTH 125K-1-FI-CO**	125	40	550	ball bearing	165	100 x 85	80 x 60	9	45
LH-ALTH 125K-3	**BH-ALTH 125K-3**	**LH-ALTH 125K-3-FI**	125	40	550	ball bearing	165	140 x 110	105 x 75–80	11	45
LH-ALTH 125K-3-CO	**BH-ALTH 125K-3-CO**	**LH-ALTH 125K-3-FI-CO**	125	40	550	ball bearing	165	140 x 110	105 x 75–80	11	45
LH-ALTH 127K	**BH-ALTH 127K**	**LH-ALTH 127K-FI**	125	54	750	ball bearing	170	140 x 110	105 x 75–80	11	55
LH-ALTH 150K	**BH-ALTH 150K**	**LH-ALTH 150K-FI**	150	50	650	ball bearing	197	140 x 110	105 x 75–80	11	65
LH-ALTH 152K *	**BH-ALTH 152K ***	**LH-ALTH 152K-FI ***	150	54	900	ball bearing	197	140 x 110	105 x 75–80	11	65
LH-ALTH 160K	**BH-ALTH 160K**	**LH-ALTH 160K-FI**	160	50	750	ball bearing	202	140 x 110	105 x 75–80	11	65
LH-ALTH 160K-CO	**BH-ALTH 160K-CO**	**LH-ALTH 160K-FI-CO**	160	50	750	ball bearing	202	140 x 110	105 x 75–80	11	65
LH-ALTH 162K *	**BH-ALTH 162K ***	**LH-ALTH 162K-FI ***	160	50	900	ball bearing	202	140 x 110	105 x 75–80	11	65
LH-ALTH 180K	**BH-ALTH 180K**	**LH-ALTH 180K-FI**	180	50	700	ball bearing	223	140 x 110	105 x 75–80	11	67
LH-ALTH 200K	**BH-ALTH 200K**	**LH-ALTH 200K-FI**	200	50	800	ball bearing	245	140 x 110	105 x 75–80	11	70
LH-ALTH 200K-CO	**BH-ALTH 200K-CO**	**LH-ALTH 200K-FI-CO**	200	50	800	ball bearing	245	140 x 110	105 x 75–80	11	70
LH-ALTH 202K *	**BH-ALTH 202K ***	**LH-ALTH 202K-FI ***	200	50	900	ball bearing	245	140 x 110	105 x 75–80	11	70
LH-ALTH 250K	**BH-ALTH 250K**	**	250	60	900	ball bearing	295	140 x 110	105 x 75–80	11	82
LH-ALTH 252K *	**BH-ALTH 252K ***	**	250	60	900	ball bearing	295	140 x 110	105 x 75–80	11	82

* Heavy-duty wheel version

** "stop-top" brake version, see versions / options

Versions / options***



	version with extremely crowned tread	version with heavy duty wheel centre, reinforced design	antistatic version, non-marking grey	with "stop-top" brake	with "central-stop" central brake system	with "ideal-stop" brake total height +17 mm	with directional lock (separate) 1x 360°
Technical description page	55		50	112	113	112	115
Product code suffix	**-CO**		**-AS**	**-ST**	**-CS13**	**-IS**	**see *****
Available for			all	all	wheel Ø 160+200 mm	wheel Ø 160+200 mm****	for wheel Ø and plate dimensions, see*****

*** **Additional versions / options:** with steel foot guard **(-FS),** available for wheel Ø 100–250 mm

**** Synthetic adapter plate to balance out total height for swivel and fixed castors without "ideal-stop" brake: **product code AP3-17**

*****RI-04.01** for wheel Ø 80–125 mm with plate 100x85 mm, **RI-04.03** for wheel Ø 100–125x40 mm with plate 140x110 mm, **RI-05.03** for wheel Ø 125x54–200 mm
(Only for swivel castors without brake or swivel castor with "stop-top" and "central-stop" brake upon request)

LHZ-ALTH series

Pressed steel castors, heavy-duty design, with stem, wheel with Blickle Extrathane® polyurethane tread

750–900 kg



Blickle Extrathane®

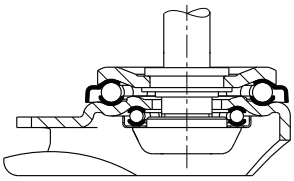
Bracket: LHZ series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- heavy fork and top plate
- double ball bearing in the swivel head
- very strong, welded steel plug-in stem, bolted and secured
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**

Wheel: ALTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre: die-cast aluminium, colour silver grey

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 274
- bearing types: page 84–85







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Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø [mm]	Stem length [mm]	Offset swivel castor [mm]
LHZ-ALTH 127K	**LHZ-ALTH 127K-FI**	125	54	750	ball bearing	170	27	60	55
LHZ-ALTH 160K	**LHZ-ALTH 160K-FI**	160	50	750	ball bearing	202	27	60	65
LHZ-ALTH 160K-CO	**LHZ-ALTH 160K-FI-CO**	160	50	750	ball bearing	202	27	60	65
LHZ-ALTH 162K *	**LHZ-ALTH 162K-FI ***	160	50	900	ball bearing	202	27	60	65
LHZ-ALTH 200K	**LHZ-ALTH 200K-FI**	200	50	800	ball bearing	245	27	60	70
LHZ-ALTH 200K-CO	**LHZ-ALTH 200K-FI-CO**	200	50	800	ball bearing	245	27	60	70
LHZ-ALTH 202K *	**LHZ-ALTH 202K-FI ***	200	50	900	ball bearing	245	27	60	70

* Heavy-duty wheel version

Versions / options











	version with extremely crowned tread	version with heavy duty wheel centre, reinforced design	antistatic version, non-marking grey	with "stop-top" brake	with steel foot guard
Technical description page	55		50	112	116
Product code suffix	**-CO**		**-AS**	**-ST**	**-FS**
Available for			all	all	upon request

LUH-ALTH, BH-ALTH series

Pressed steel castors, heavy-duty design, enclosed, with top plate, wheel with Blickle Extrathane® polyurethane tread

650–1,000 kg



Bracket: LUH/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free

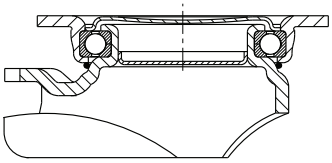
Swivel bracket:
- four-point ball bearing for extremely heavy loads
- enclosed and sealed swivel head
- particularly resistant to shocks and impact due to **specially-shaped, hardened bearing seats**

Wheel: ALTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre: die-cast aluminium, colour silver grey

Additional details:
- bracket series: page 93
- brakes: page 112–113
- wheel series: page 274
- bearing types: page 84–85

Blickle Extrathane®



Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LUH-ALTH 127K	**BH-ALTH 127K**	**LUH-ALTH 127K-FI**	125	54	750	ball bearing	170	140 x 110	105 x 75–80	11	55
LUH-ALTH 150K	**BH-ALTH 150K**	**LUH-ALTH 150K-FI**	150	50	650	ball bearing	197	140 x 110	105 x 75–80	11	61
LUH-ALTH 152K *	**BH-ALTH 152K ***	**LUH-ALTH 152K-FI ***	150	54	900	ball bearing	197	140 x 110	105 x 75–80	11	61
LUH-ALTH 160K	**BH-ALTH 160K**	**LUH-ALTH 160K-FI**	160	50	750	ball bearing	202	140 x 110	105 x 75–80	11	61
LUH-ALTH 160K-CO	**BH-ALTH 160K-CO**	**LUH-ALTH 160K-FI-CO**	160	50	750	ball bearing	202	140 x 110	105 x 75–80	11	61
LUH-ALTH 162K *	**BH-ALTH 162K ***	**LUH-ALTH 162K-FI ***	160	50	950	ball bearing	202	140 x 110	105 x 75–80	11	61
LUH-ALTH 200K	**BH-ALTH 200K**	**LUH-ALTH 200K-FI**	200	50	800	ball bearing	245	140 x 110	105 x 75–80	11	63
LUH-ALTH 200K-CO	**BH-ALTH 200K-CO**	**LUH-ALTH 200K-FI-CO**	200	50	800	ball bearing	245	140 x 110	105 x 75–80	11	63
LUH-ALTH 202K *	**BH-ALTH 202K ***	**LUH-ALTH 202K-FI ***	200	50	1,000	ball bearing	245	140 x 110	105 x 75–80	11	63

* Heavy-duty wheel version

Versions / options







	version with extremely crowned tread	version with heavy duty wheel centre, reinforced design	antistatic version, non-marking grey	directional lock (separate) 1 x 360°	with steel foot guard
Technical description page	55		50	115	116
Product code suffix	**-CO**		**-AS**	**RI-05.03**	**-FS**
Available for			all	all**	upon request

** Only for swivel castors without brake

LO-ALTH, BO-ALTH series

Welded steel heavy-duty castors, wheel with polyurethane tread Blickle Extrathane®

650–1,200 kg



Bracket: LO/BO series
- solid welded steel construction, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- **four specially-shaped, hardened bearing seats** for additional strength
- bolted and secured welded central kingpin, extremely strong
- swivel head seal with labyrinth design
- grease nipple

Wheel: ALTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre: die-cast aluminium, colour silver grey

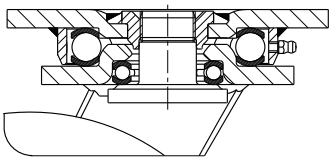
Additional details:
- bracket series: page 93
- brakes: page 112–113
- wheel series: page 274
- bearing types: page 84–85

Blickle Extrathane®









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Swivel castors	Fixed castors	Swivel castor with "stop-top" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LO-ALTH 127K	**BO-ALTH 127K**	**LO-ALTH 127K-ST**	125	54	750	ball bearing	170	140 x 110	105 x 75–80	11	50
LO-ALTH 150K	**BO-ALTH 150K**	**LO-ALTH 150K-ST**	150	50	650	ball bearing	200	140 x 110	105 x 75–80	11	55
LO-ALTH 152K *	**BO-ALTH 152K ***	**LO-ALTH 152K-ST ***	150	54	900	ball bearing	200	140 x 110	105 x 75–80	11	55
LO-ALTH 160K	**BO-ALTH 160K**	**LO-ALTH 160K-ST**	160	50	750	ball bearing	205	140 x 110	105 x 75–80	11	55
LO-ALTH 160K-CO	**BO-ALTH 160K-CO**	**LO-ALTH 160K-ST-CO**	160	50	750	ball bearing	205	140 x 110	105 x 75–80	11	55
LO-ALTH 162K *	**BO-ALTH 162K ***	**LO-ALTH 162K-ST ***	160	50	950	ball bearing	205	140 x 110	105 x 75–80	11	55
LO-ALTH 200K	**BO-ALTH 200K**	**LO-ALTH 200K-ST**	200	50	800	ball bearing	245	140 x 110	105 x 75–80	11	60
LO-ALTH 200K-CO	**BO-ALTH 200K-CO**	**LO-ALTH 200K-ST-CO**	200	50	800	ball bearing	245	140 x 110	105 x 75–80	11	60
LO-ALTH 202K *	**BO-ALTH 202K ***	**LO-ALTH 202K-ST ***	200	50	1,000	ball bearing	245	140 x 110	105 x 75–80	11	60
LO-ALTH 250K	**BO-ALTH 250K**	**LO-ALTH 250K-ST**	250	60	1,000	ball bearing	295	140 x 110	105 x 75–80	11	70
LO-ALTH 252K *	**BO-ALTH 252K ***	**LO-ALTH 252K-ST ***	250	60	1,200	ball bearing	295	140 x 110	105 x 75–80	11	70

* Heavy-duty wheel version

Versions / options



	version with extremely crowned tread	version with heavy duty wheel centre, reinforced design	antistatic version, non-marking grey	with directional lock 4 x 90°	with steel foot guard	truck lock
Technical description page	55		50	115	116	114
Product code suffix	**-CO**		**-AS**	**-RI4**	**-FS**	**FF 125 / 150 / 160 / 200**
Available for			all	wheel Ø 125–200 mm	upon request	wheel Ø 125–200 mm

SETH series

Heavy-duty wheels with Blickle Extrathane® polyurethane tread, with welded steel wheel centre



500–1,350 kg

Tread and tyre hardness
92 Shore A

Smooth operation / floor preservation
good

Rolling resistance
very good

Wear resistance
excellent

Blickle Extrathane®

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Tread:
- high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A
- low rolling resistance
- high abrasion resistance
- high cut and tear propagation resistance
- colour light brown, non-marking, non-staining
- excellent chemical connection with the wheel centre

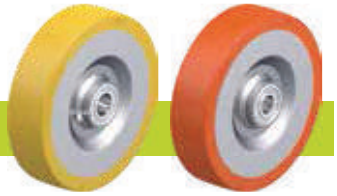
Wheel centre:
- thick-walled pressed steel, triple welded
- with welded tubular steel hub
- resistant to dirt, impact and shocks
- lacquered, colour silver

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

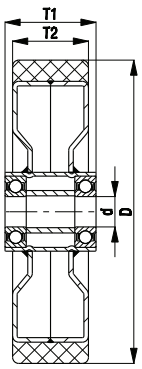
Additional details:
- wheel series: page 66
- tread: page 55
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
SETH 125/20K	125	50	500	250	ball bearing	20	60
SETH 150/20K	150	50	650	320	ball bearing	20	60
SETH 150/25K	150	50	650	320	ball bearing	25	60
SETH 160/20K	160	50	700	350	ball bearing	20	60
SETH 160/25K	160	50	700	350	ball bearing	25	60
SETH 200/20K	200	50	1,000	500	ball bearing	20	60
SETH 200/25K	200	50	1,000	500	ball bearing	25	60
SETH 250/25K	250	60	1,350	670	ball bearing	25	70

Versions / options



	with grease nipple	other shore hardnesses and special colours
Technical description page		
Product code suffix	**-NI**	
Available for	upon request	upon request



LH-SETH, BH-SETH series

Pressed steel castors, heavy-duty design, with top plate, wheel with Blickle Extrathane® polyurethane tread

500–900 kg



Blickle Extrathane®

Bracket: LH/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- heavy fork and top plate

Swivel bracket:
- double ball bearing in the swivel head
- bolted and secured central kingpin, extremely strong
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**

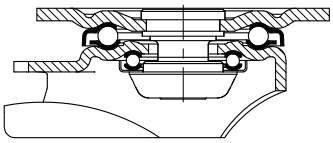
Wheel: SETH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre: thick-walled pressed steel, triple welded, with tubular steel hub, lacquered, colour silver

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 282
- bearing types: page 84–85









5

Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-SETH 125K	**BH-SETH 125K**	**LH-SETH 125K-FI**	125	50	500	ball bearing	170	140 x 110	105 x 75–80	11	55
LH-SETH 150K	**BH-SETH 150K**	**LH-SETH 150K-FI**	150	50	650	ball bearing	197	140 x 110	105 x 75–80	11	65
LH-SETH 160K	**BH-SETH 160K**	**LH-SETH 160K-FI**	160	50	700	ball bearing	202	140 x 110	105 x 75–80	11	65
LH-SETH 200K	**BH-SETH 200K**	**LH-SETH 200K-FI**	200	50	900	ball bearing	245	140 x 110	105 x 75–80	11	70
LH-SETH 250K	**BH-SETH 250K**	*	250	60	900	ball bearing	295	140 x 110	105 x 75–80	11	82

* “stop-top” brake version, see versions / options

Versions / options



	with “stop-top” brake	with “ideal-stop” brake total height +17 mm	directional lock (separate) 1 x 360°	with steel foot guard	truck lock
Technical description page	112	112	115	116	114
Product code suffix	**-ST**	**-IS**	**RI-05.03**	**-FS**	**FF 125 / 150 / 160 / 200**
Available for	all	wheel Ø 160–200 mm**	wheel Ø 125–200 mm***	all	wheel Ø 125–200 mm

** Synthetic adapter plate to balance out total height for swivel and fixed castors without “ideal-stop” brake: **product code AP3-17**

*** Only for swivel castors without brake or swivel castor with “stop-top” brake upon request

LO-SETH, BO-SETH series

Welded steel heavy-duty castors, wheel with polyurethane tread Blickle Extrathane®

500–1,200 kg



Bracket: LO/BO series
- solid welded steel construction, zinc-plated, blue-passivated, Cr6-free

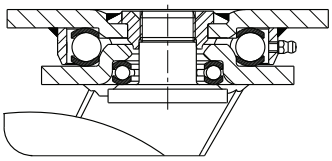
Swivel bracket:
- double ball bearing in the swivel head
- **four specially-shaped, hardened bearing seats** for additional strength
- bolted and secured welded central kingpin, extremely strong
- swivel head seal with labyrinth design
- grease nipple

Wheel: SETH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre: thick-walled pressed steel, triple welded, with tubular steel hub, lacquered, colour silver

Additional details:
- bracket series: page 93
- brakes: page 112–113
- wheel series: page 282
- bearing types: page 84–85

Blickle Extrathane®





Swivel castors	Fixed castors	Swivel castor with "stop-top" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LO-SETH 125K	**BO-SETH 125K**	**LO-SETH 125K-ST**	125	50	500	ball bearing	170	140 x 110	105 x 75–80	11	50
LO-SETH 150K	**BO-SETH 150K**	**LO-SETH 150K-ST**	150	50	650	ball bearing	200	140 x 110	105 x 75–80	11	55
LO-SETH 160K	**BO-SETH 160K**	**LO-SETH 160K-ST**	160	50	700	ball bearing	205	140 x 110	105 x 75–80	11	55
LO-SETH 200K	**BO-SETH 200K**	**LO-SETH 200K-ST**	200	50	1,000	ball bearing	245	140 x 110	105 x 75–80	11	60
LO-SETH 250K	**BO-SETH 250K**	**LO-SETH 250K-ST**	250	60	1,200	ball bearing	295	140 x 110	105 x 75–80	11	70

Versions / options



	with directional lock 4 x 90°	with steel foot guard	truck lock
Technical description page	115	116	114
Product code suffix	**-RI4**	**-FS**	**FF 125 / 150 / 160 / 200**
Available for	wheel Ø 125–200 mm	upon request	wheel Ø 125–200 mm

LS-SETH, BS-SETH series

Welded steel heavy-duty castors, heavy-duty swivel head, wheel with Blickle Extrathane® polyurethane tread

500–1,350 kg



Blickle Extrathane®

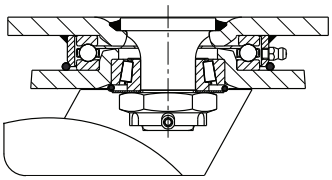
Bracket: LS/BS series
- particularly robust welded steel construction, zinc-plated, yellow-passivated, Cr6-free

Swivel bracket:
- axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head
- bolted and secured welded central kingpin, extremely strong
- dust and splash-proof
- grease nipple

Wheel: SETH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre: thick-walled pressed steel, triple welded, with tubular steel hub, lacquered, colour silver

Additional details:
- bracket series: page 94
- brakes: page 112–113
- wheel series: page 282
- bearing types: page 84–85





Swivel castors	Fixed castors	Swivel castor with “stop-top” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LS-SETH 125K	**BS-SETH 125K**	**LS-SETH 125K-ST**	125	50	500	ball bearing	170	140 x 110	105 x 75–80	11	50
LS-SETH 150K	**BS-SETH 150K**	**LS-SETH 150K-ST**	150	50	650	ball bearing	200	140 x 110	105 x 75–80	11	55
LS-SETH 160K	**BS-SETH 160K**	**LS-SETH 160K-ST**	160	50	700	ball bearing	205	140 x 110	105 x 75–80	11	55
LS-SETH 200K	**BS-SETH 200K**	**LS-SETH 200K-ST**	200	50	1,000	ball bearing	245	140 x 110	105 x 75–80	11	60
LS-SETH 250K	**BS-SETH 250K**	**LS-SETH 250K-ST**	250	60	1,350	ball bearing	305	175 x 140	140 x 105	14	75

Versions / options



	with directional lock 4 x 90°	with steel foot guard	truck lock
Technical description page	115	116	114
Product code suffix	**-RI4**	**-FS**	**FF 125 / 150 / 160 / 200**
Available for	all	all	wheel Ø 125–200 mm

VSTH, GTH series, wheel Ø 35–200 mm

Heavy-duty wheels with Blickle Extrathane® polyurethane tread, with steel or cast iron wheel centre



100–1,600 kg

Tread and tyre hardness
92 Shore A

Smooth operation / floor preservation
good

Rolling resistance
very good

Wear resistance
excellent

Blickle Extrathane®

Tread:
- high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A
- low rolling resistance
- high abrasion resistance
- high cut and tear propagation resistance
- colour light brown, non-marking, non-staining
- excellent chemical connection with the wheel centre

Wheel centre:
- series VSTH: steel
- series GTH: rugged grey cast iron, with grease nipple from wheel Ø 150 mm, lacquered, colour silver

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

Additional details:
- wheel series: page 66
- tread: page 55
- bearing types: page 84–85
- chemical resistance: page 51

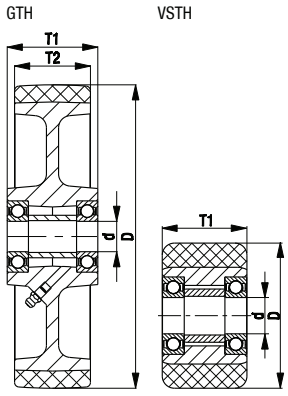
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VSTH 35/6K	35	27	100	–	ball bearing	6	30
VSTH 50/8K	50	33	150	–	ball bearing	8	36
VSTH 60/15K	60	35	200	–	ball bearing	15	35
VSTH 62/10K	60	60	320	–	ball bearing	10	60
VSTH 65/15K	65	40	250	–	ball bearing	15	40
VSTH 75/20K	75	40	270	–	ball bearing	20	40
VSTH 80/20K	80	40	280	–	ball bearing	20	40
VSTH 82/20K	80	70	500	–	ball bearing	20	70
GTH 100/15K	100	40	450	–	ball bearing	15	40
GTH 101/20-50K	100	50	600	–	ball bearing	20	50
GTH 101/20K	100	50	600	–	ball bearing	20	60
GTH 125/15K	125	40	550	–	ball bearing	15	45
GTH 127/20-50K	125	50	700	350	ball bearing	20	50
GTH 127/20K	125	50	700	350	ball bearing	20	60
GTH 127/25-50K	125	50	700	350	ball bearing	25	50
GTH 140/20K	140	54	900	450	ball bearing	20	60
GTH 150/20-50K	150	50	800	400	ball bearing	20	50
GTH 150/20K	150	50	800	400	ball bearing	20	60
GTH 160/20K	160	50	800	400	ball bearing	20	60
GTH 160/25K	160	50	800	400	ball bearing	25	60
GTH 175/20K	175	50	875	430	ball bearing	20	60
GTH 175/25K	175	50	875	430	ball bearing	25	60
GTH 177/25K	175	80	1,300	650	ball bearing	25	80
GTH 181/25K	180	40	800	400	ball bearing	25	40
GTH 182/25K	180	65	1,100	550	ball bearing	25	75
GTH 200/20K	200	50	1,000	500	ball bearing	20	60
GTH 200/25K	200	50	1,000	500	ball bearing	25	60
GTH 201/25K	200	60	1,400	700	ball bearing	25	60
GTH 202/25K	200	80	1,600	800	ball bearing	25	90
GTH 202/30K	200	80	1,600	800	ball bearing	30	90
GTH 202/35K	200	80	1,600	800	ball bearing	35	90

For other wheel Ø, see next page

Versions / options



	image VSTH	antistatic version, non-marking grey	drive wheels with hub keyway	other shore hardnesses and special colours
Technical description page		50	75	
Product code suffix		**-AS**	**GTHN series**	
Available for		upon request	see page 541–542	



GTH series, wheel Ø 250–1,000 mm

Heavy-duty wheels with Blickle Extrathane® polyurethane tread, with cast iron wheel centre



1,250–30,000 kg

Tread and tyre hardness
92 Shore A

Smooth operation / floor preservation
good

Rolling resistance
very good

Wear resistance
excellent

Blickle Extrathane®

Tread:
- high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A
- low rolling resistance
- high abrasion resistance
- high cut and tear propagation resistance
- colour light brown, non-marking, non-staining
- excellent chemical connection with the wheel centre

Wheel centre:
- rugged grey cast iron
- with grease nipple
- lacquered, colour silver

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

Additional details:
- wheel series: page 66
- tread: page 55
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
GTH 251/25K	250	50	1,250	620	ball bearing	25	60
GTH 251/30K	250	50	1,250	620	ball bearing	30	60
GTH 250/25K	250	60	1,500	750	ball bearing	25	70
GTH 250/30K	250	60	1,500	750	ball bearing	30	70
GTH 250/30K-01	250	60	1,750	870	ball bearing	30	70
GTH 250/35K	250	60	1,500	750	ball bearing	35	70
GTH 252/25K	250	80	1,800	900	ball bearing	25	90
GTH 252/30K	250	80	2,200	1,100	ball bearing	30	90
GTH 254/40K	250	130	3,150	1,550	ball bearing	40	140
GTH 301/25K	300	45	1,300	650	ball bearing	25	60
GTH 300/30K	300	60	1,800	900	ball bearing	30	70
GTH 302/30K	300	80	2,400	1,200	ball bearing	30	90
GTH 302/35K	300	80	2,400	1,200	ball bearing	35	90
GTH 304/35K	300	100	3,000	1,500	ball bearing	35	120
GTH 360/40K	360	75	2,500	1,250	ball bearing	40	90
GTH 362/40K	360	80	3,000	1,500	ball bearing	40	90
GTH 363/40K	360	100	3,600	1,800	ball bearing	40	100
GTH 364/40K	360	120	3,800	1,900	ball bearing	40	120
GTH 400/35K	400	60	2,400	1,200	ball bearing	35	75
GTH 402/40K	400	80	3,000	1,500	ball bearing	40	90
GTH 404/40K	400	100	3,800	1,900	ball bearing	40	120
GTH 406/50K	400	125	5,000	2,500	ball bearing	50	125
GTH 500/50K	500	100	5,000	2,500	ball bearing	50	100
GTH 504/60K	500	150	7,500	3,750	ball bearing	60	150
GTH 506/80K	500	200	10,000	5,000	ball bearing	80	200
GTH 602/80K	600	150	9,000	4,500	ball bearing	80	150
GTH 604/80K	600	200	12,000	6,000	ball bearing	80	200
GTH 750/120K	750	200	15,000	7,500	ball bearing	120	200
GTH 1000/160PR	1,000	300	30,000	15,000	spherical roller bearing	160	330

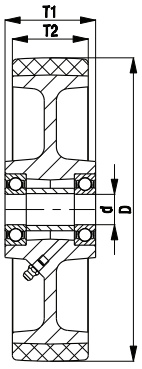
Other dimensions available upon request

Versions / options

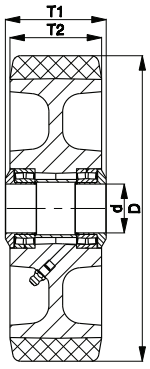


	antistatic version, non-marking grey	drive wheels with hub keyway	other shore hardnesses and special colours
Technical description page	50	75	
Product code suffix	**-AS**	**GTHN series**	
Available for	upon request	see page 541–542	upon request

ball bearing



spherical roller bearing



LH-VSTH, BH-VSTH, LH-GTH, BH-GTH series

Pressed steel castors, heavy-duty design, with top plate, wheel with Blickle Extrathane® polyurethane tread

280–900 kg



Bracket: LH/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- heavy fork and top plate

Swivel bracket:
- double ball bearing in the swivel head
- bolted and secured central kingpin, extremely strong
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**

Wheel: VSTH/GTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre: VSTH series: steel
  GTH series: rugged grey cast iron, with grease nipple from wheel Ø 150 mm, lacquered, colour silver

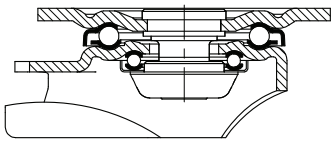
Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 286–287
- bearing types: page 84–85

Blickle Extrathane®









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-VSTH 62K			60	60	320	ball bearing	92	100 x 85	80 x 60	9	45
LH-VSTH 80K	**BH-VSTH 80K**	**LH-VSTH 80K-FI**	80	40	280	ball bearing	120	100 x 85	80 x 60	9	45
LH-VSTH 82K			80	70	500	ball bearing	112	100 x 85	80 x 60	9	45
LH-GTH 100K-1	**BH-GTH 100K-1**	**LH-GTH 100K-1-FI**	100	40	450	ball bearing	140	100 x 85	80 x 60	9	45
LH-GTH 100K-3	**BH-GTH 100K-3**	**LH-GTH 100K-3-FI**	100	40	450	ball bearing	140	140 x 110	105 x 75–80	11	45
LH-GTH 125K-1	**BH-GTH 125K-1**	**LH-GTH 125K-1-FI**	125	40	550	ball bearing	165	100 x 85	80 x 60	9	45
LH-GTH 125K-3	**BH-GTH 125K-3**	**LH-GTH 125K-3-FI**	125	40	550	ball bearing	165	140 x 110	105 x 75–80	11	45
LH-GTH 127K	**BH-GTH 127K**	**LH-GTH 127K-FI**	125	50	700	ball bearing	170	140 x 110	105 x 75–80	11	55
LH-GTH 150K	**BH-GTH 150K**	**LH-GTH 150K-FI**	150	50	800	ball bearing	197	140 x 110	105 x 75–80	11	65
LH-GTH 160K	**BH-GTH 160K**	**LH-GTH 160K-FI**	160	50	800	ball bearing	202	140 x 110	105 x 75–80	11	65
LH-GTH 175K	**BH-GTH 175K**	**LH-GTH 175K-FI**	175	50	875	ball bearing	220	140 x 110	105 x 75–80	11	67
LH-GTH 200K	**BH-GTH 200K**	**LH-GTH 200K-FI**	200	50	900	ball bearing	245	140 x 110	105 x 75–80	11	70
LH-GTH 202K	**BO-GTH 202K** *	**	200	80	800	ball bearing	245	140 x 110	105 x 75–80	11	70
LH-GTH 250K	**BH-GTH 250K**	**	250	60	900	ball bearing	295	140 x 110	105 x 75–80	11	82

* Welded steel construction

** "stop-top" brake version, see versions / options

Versions / options















	antistatic version, non-marking grey	with "stop-top" brake	with "central-stop" central brake system	with "ideal-stop" brake total height +17 mm	with directional lock (separate) 1x 360°	with steel foot guard	truck lock
Technical description page	50	112	113	112	115	116	114
Product code suffix	**-AS**	**-ST**	**-CS13**	**-IS**	**see ******	**-FS**	**FF 125 / 150 / 160 / 200**
Available for	upon request	wheel Ø 80x40, 100–250 mm	wheel Ø 160, 200x50 mm	wheel Ø 160+200 mm***	for wheel Ø and plate dimensions, see****	wheel Ø 100–250 mm	wheel Ø 125x50–200 mm

*** Synthetic adapter plate to balance out total height for swivel and fixed castors without "ideal-stop" brake: **product code AP3-17**

**** **RI-04.01** for wheel Ø 80x40, 100, 125 mm with plate 100x85 mm, **RI-04.03** for wheel Ø 100–125x40 mm with plate 140x110 mm, **RI-05.03** for wheel Ø 125x50–200x50 mm
(Only for swivel castors without brake or swivel castor with "stop-top" and "central-stop" brake upon request)

LUH-GTH, BH-GTH series

Pressed steel castors, heavy-duty design, enclosed, with top plate, wheel with Blickle Extrathane® polyurethane tread

700–1,000 kg



Bracket: LUH/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- four-point ball bearing for extremely heavy loads
- enclosed and sealed swivel head
- particularly resistant to shocks and impact due to **specially-shaped, hardened bearing seats**

Wheel: GTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre: rugged grey cast iron, with grease nipple from wheel Ø 150 mm, lacquered, colour silver

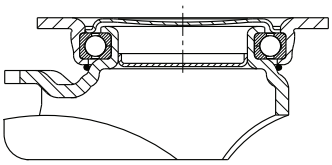
Additional details:
- bracket series: page 93
- brakes: page 112–113
- wheel series: page 286
- bearing types: page 84–85

Blickle Extrathane®









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Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LUH-GTH 127K	**BH-GTH 127K**	**LUH-GTH 127K-FI**	125	50	700	ball bearing	170	140 x 110	105 x 75–80	11	55
LUH-GTH 150K	**BH-GTH 150K**	**LUH-GTH 150K-FI**	150	50	800	ball bearing	197	140 x 110	105 x 75–80	11	61
LUH-GTH 160K	**BH-GTH 160K**	**LUH-GTH 160K-FI**	160	50	800	ball bearing	202	140 x 110	105 x 75–80	11	61
LUH-GTH 200K	**BH-GTH 200K**	**LUH-GTH 200K-FI**	200	50	1,000	ball bearing	245	140 x 110	105 x 75–80	11	63

Versions / options







	antistatic version, non-marking grey	directional lock (separate) 1 x 360°	with steel foot guard
Technical description page	50	115	116
Product code suffix	**-AS**	**RI-05.03**	**-FS**
Available for	upon request	all*	upon request

* Only for swivel castors without brake

LO-GTH, BO-GTH series

Welded steel heavy-duty castors, wheel with polyurethane tread Blickle Extrathane®

700–1,250 kg



Bracket: LO/BO series
- solid welded steel construction, zinc-plated, blue-passivated, Cr6-free

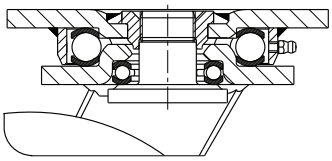
Swivel bracket:
- double ball bearing in the swivel head
- **four specially-shaped, hardened bearing seats** for additional strength
- bolted and secured welded central kingpin, extremely strong
- swivel head seal with labyrinth design
- grease nipple

Wheel: GTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre: rugged grey cast iron, with grease nipple from wheel Ø 150 mm, lacquered, colour silver

Additional details:
- bracket series: page 93
- brakes: page 112–113
- wheel series: page 286–287
- bearing types: page 84–85

Blickle Extrathane®





Swivel castors	Fixed castors	Swivel castor with "stop-top" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LO-GTH 127K	**BO-GTH 127K**	**LO-GTH 127K-ST**	125	50	700	ball bearing	170	140 x 110	105 x 75–80	11	50
LO-GTH 150K	**BO-GTH 150K**	**LO-GTH 150K-ST**	150	50	800	ball bearing	200	140 x 110	105 x 75–80	11	55
LO-GTH 160K	**BO-GTH 160K**	**LO-GTH 160K-ST**	160	50	800	ball bearing	205	140 x 110	105 x 75–80	11	55
LO-GTH 200K	**BO-GTH 200K**	**LO-GTH 200K-ST**	200	50	1,000	ball bearing	245	140 x 110	105 x 75–80	11	60
LO-GTH 201K	**BO-GTH 201K**	**LO-GTH 201K-ST**	200	60	1,250	ball bearing	245	140 x 110	105 x 75–80	11	60
LO-GTH 202K	**BO-GTH 202K**	**LO-GTH 202K-ST**	200	80	1,100	ball bearing	245	140 x 110	105 x 75–80	11	65
LO-GTH 251K	**BO-GTH 251K**	**LO-GTH 251K-ST**	250	50	1,200	ball bearing	295	140 x 110	105 x 75–80	11	70
LO-GTH 250K	**BO-GTH 250K**	**LO-GTH 250K-ST**	250	60	1,200	ball bearing	295	140 x 110	105 x 75–80	11	70

Versions / options



	antistatic version, non-marking grey	with directional lock 4 x 90°	with steel foot guard	truck lock
Technical description page	50	115	116	114
Product code suffix	**-AS**	**-RI4**	**-FS**	**FF 125 / 150 / 160 / 200**
Available for	upon request	wheel Ø 125–200x60 mm	upon request	wheel Ø 125–200 mm

LS-GTH, BS-GTH series

Welded steel heavy-duty castors, heavy-duty swivel head, wheel with Blickle Extrathane® polyurethane tread

700–12,000 kg



Bracket: LS/BS series
- particularly robust welded steel construction, zinc-plated, yellow-passivated, Cr6-free

Swivel bracket:
- axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head
- bolted and secured welded central kingpin, extremely strong
- dust and splash-proof
- grease nipple

Wheel: GTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre: rugged grey cast iron, with grease nipple from wheel Ø 150 mm, lacquered, colour silver

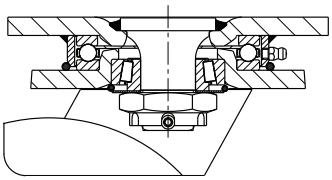
Additional details:
- bracket series: page 94
- brakes: page 112–113
- wheel series: page 286–287
- bearing types: page 84–85

Blickle Extrathane®









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Swivel castors	Fixed castors	Swivel castor with "stop-top" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LS-GTH 127K	**BS-GTH 127K**	**LS-GTH 127K-ST**	125	50	700	ball bearing	170	140 x 110	105 x 75–80	11	50
LS-GTH 150K	**BS-GTH 150K**	**LS-GTH 150K-ST**	150	50	800	ball bearing	200	140 x 110	105 x 75–80	11	55
LS-GTH 160K	**BS-GTH 160K**	**LS-GTH 160K-ST**	160	50	800	ball bearing	205	140 x 110	105 x 75–80	11	55
LS-GTH 200K	**BS-GTH 200K**	**LS-GTH 200K-ST**	200	50	1,000	ball bearing	245	140 x 110	105 x 75–80	11	60
LS-GTH 201K	**BS-GTH 201K**	**LS-GTH 201K-ST**	200	60	1,400	ball bearing	245	140 x 110	105 x 75–80	11	60
LS-GTH 202K	**BS-GTH 202K**	**LS-GTH 202K-ST**	200	80	1,600	ball bearing	255	175 x 140	140 x 105	14	65
LS-GTH 250K	**BS-GTH 250K**	**LS-GTH 250K-ST**	250	60	1,500	ball bearing	305	175 x 140	140 x 105	14	75
LS-GTH 252K	**BS-GTH 252K**	**LS-GTH 252K-ST**	250	80	1,800	ball bearing	305	175 x 140	140 x 105	14	75
LS-GTH 300K	**BS-GTH 300K**	**LS-GTH 300K-ST**	300	60	1,800	ball bearing	355	175 x 140	140 x 105	14	85
LS-GTH 302K	**BS-GTH 302K**	**LS-GTH 302K-ST**	300	80	2,400	ball bearing	355	175 x 140	140 x 105	14	85
LS-GTH 304K	**BS-GTH 304K**	*	300	100	3,000	ball bearing	370	200 x 160	160 x 120	14	85
LS-GTH 360K	**BS-GTH 360K**	*	360	75	2,500	ball bearing	430	200 x 160	160 x 120	14	100
LS-GTH 364K	**BS-GTH 364K**	*	360	120	3,800	ball bearing	430	255 x 200	210 x 160	18	100
LS-GTH 402K	**BS-GTH 402K**	*	400	80	3,000	ball bearing	470	200 x 160	160 x 120	14	100
LS-GTH 406K	**BS-GTH 406K**	*	400	125	5,000	ball bearing	480	255 x 200	210 x 160	18	125
LS-GTH 504K	**BS-GTH 504K**	*	500	150	7,500	ball bearing	630	400 x 300	340 x 240	26	125
LS-GTH 604K	**BS-GTH 604K**	*	600	200	12,000	ball bearing	730	400 x 300	340 x 240	26	130

* "Radstop" brake version

Versions / options



	antistatic version, non-marking grey	with "Radstop" wheel brake	with directional lock 4 x 90°	with directional lock 4 x 90° (inserted by hand)	with steel foot guard	truck lock
Technical description page	50	113	115	115	116	114
Product code suffix	**-AS**	**-RAH**	**-RI4**	**-RI4H**	**-FS**	**FF 125 / 150 / 160 / 200**
Available for	upon request	from wheel Ø 300x100 mm upon request	wheel Ø 125–300x80 mm	from wheel Ø 300x100 mm upon request	wheel Ø 125–250 mm	wheel Ø 125–200x60 mm

LOD-VSTH, -ALTH, -GTH, BOD-VSTH, -ALTH, -GTH series

Welded steel twin wheel heavy-duty castors, wheels with polyurethane tread Blickle Extrathane®



500–900 kg

Bracket: LOD/BOD series
- solid welded steel construction, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- **four specially-shaped, hardened bearing seats** for additional strength
- bolted and secured welded central kingpin, extremely strong
- swivel head seal with labyrinth design
- grease nipple

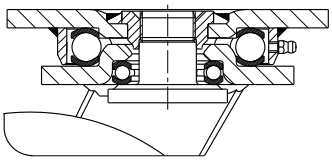
Wheel: VSTH/ALTH/GTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre: VSTH series: steel
  ALTH series: die-cast aluminium
  GTH series: rugged grey cast iron, lacquered, colour silver

Additional details:
- bracket series: page 93
- wheel series: page 274, 286
- bearing types: page 84–85

Blickle Extrathane®







Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LOD-VSTH 75K	**BOD-VSTH 75K**	75	2 x 40	500	ball bearing	123	140 x 110	105 x 75–80	11	40
LOD-ALTH 101K	**BOD-ALTH 101K**	100	2 x 40	750	ball bearing	145	140 x 110	105 x 75–80	11	45
LOD-GTH 125K	**BOD-GTH 125K**	125	2 x 40	900	ball bearing	170	140 x 110	105 x 75–80	11	50

Fixed castors: long side of plate parallel to the wheel axle

Versions / options





	antistatic version, non-marking grey	with steel foot guard
Technical description page	50	116
Product code suffix	**-AS**	**-FS**
Available for	upon request	upon request

LSD-VSTH, BSD-VSTH, LSD-GTH, BSD-GTH series

Welded steel heavy-duty twin wheel castors, heavy-duty swivel head, wheels with Blickle Extrathane® polyurethane tread

520–12,000 kg



Bracket: LSD/BSD series
- particularly robust welded steel construction, zinc-plated, yellow-passivated, Cr6-free

Swivel bracket:
- axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head
- bolted and secured welded central kingpin, extremely strong
- dust and splash-proof
- grease nipple

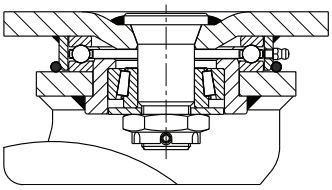
Wheel: VSTH/GTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre:
  VSTH series: steel
  GTH series: rugged grey cast iron, with grease nipple from wheel Ø 150 mm, lacquered, colour silver

Additional details:
- bracket series: page 94
- brakes: page 112–113
- wheel series: page 286–287
- bearing types: page 84–85

Blickle Extrathane®







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Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LSD-VSTH 80K	**BSD-VSTH 80K**	80	2 x 40	520	ball bearing	125	140 x 110	105 x 75–80	11	40
LSD-GTH 100K	**BSD-GTH 100K**	100	2 x 40	810	ball bearing	145	140 x 110	105 x 75–80	11	45
LSD-GTH 127K	**BSD-GTH 127K**	125	2 x 50	1,250	ball bearing	185	175 x 140	140 x 105	14	50
LSD-GTH 150K-35	**BSD-GTH 150K-35**	150	2 x 50	1,400	ball bearing	215	175 x 140	140 x 105	14	55
LSD-GTH 200K-35	**BSD-GTH 200K-35**	200	2 x 50	1,800	ball bearing	260	175 x 140	140 x 105	14	60
LSD-GTH 202K	**BSD-GTH 202K**	200	2 x 80	2,850	ball bearing	280	255 x 200	210 x 160	18	60
LSD-GTH 250K	**BSD-GTH 250K**	250	2 x 60	2,700	ball bearing	330	255 x 200	210 x 160	18	70
LSD-GTH 252K	**BSD-GTH 252K**	250	2 x 80	3,700	ball bearing	330	255 x 200	210 x 160	18	70
LSD-GTH 302K	**BSD-GTH 302K**	300	2 x 80	4,300	ball bearing	390	255 x 200	210 x 160	18	80
LSD-GTH 304K		300	2 x 100	5,400	ball bearing	390	255 x 200	210 x 160	18	80
	BSD-GTH 304K	300	2 x 100	5,400	ball bearing	390	300 x 200	210 x 160	18	–
LSD-GTH 360K	**BSD-GTH 360K**	360	2 x 75	4,500	ball bearing	450	255 x 200	210 x 160	18	90
LSD-GTH 404K-42	**BSD-GTH 404K-42**	400	2 x 100	6,800	ball bearing	530	400 x 300	340 x 240	26	125
LSD-GTH 504K	**BSD-GTH 504K**	500	2 x 150	12,000	ball bearing	630	400 x 300	340 x 240	26	125

Fixed castors: long side of plate parallel to the wheel axle

Versions / options



	antistatic version, non-marking grey	with “Radstop” wheel brake	with “Radstop” wheel brake	with directional lock 4 x 90°	with directional lock 4 x 90° (inserted by hand)	with steel foot guard
Technical description page	50	113	113	115	115	116
Product code suffix	**-AS**	**-RA**	**-RAH**	**-RI4**	**-RI4H**	**-FS**
Available for	upon request	up to wheel Ø 200x50 mm upon request	from wheel Ø 200x80 mm upon request	wheel Ø 80–200x50 mm upon request	from wheel Ø 200x80 mm upon request	upon request

ALST series

Heavy-duty wheels with Blickle Softhane® polyurethane tread, with aluminium wheel centre



200–1,150 kg

Tread and tyre hardness
75 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
very good

Wear resistance
very good

Blickle Softhane®

Tread:
- high-quality polyurethane elastomer Blickle Softhane®, hardness 75 Shore A
- extra-thick elastic tread for excellent operational comfort
- very good floor preservation, low-noise operation
- low rolling resistance
- high abrasion resistance
- high cut and tear propagation resistance
- colour green, non-marking, non-staining
- excellent chemical connection with the wheel centre

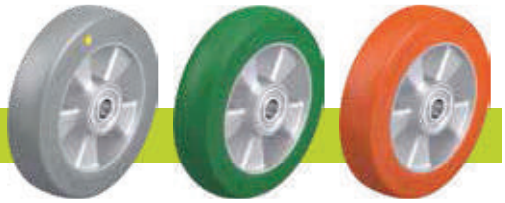
Wheel centre:
- die-cast aluminium

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

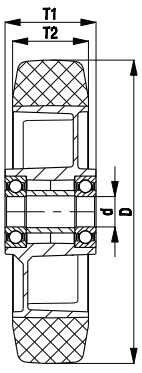
Additional details:
- wheel series: page 66
- tread: page 55
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
ALST 80/15K	80	30	200	–	ball bearing	15	35
ALST 82/15K	80	40	230	–	ball bearing	15	40
ALST 100/15K	100	40	320	–	ball bearing	15	40
ALST 125/15K	125	40	370	–	ball bearing	15	45
ALST 127/20K	125	54	450	180	ball bearing	20	60
ALST 150/20K	150	50	500	200	ball bearing	20	60
ALST 160/20K	160	50	580	230	ball bearing	20	60
ALST 180/20K	180	50	670	260	ball bearing	20	60
ALST 200/20K	200	50	750	300	ball bearing	20	60
ALST 250/20K	250	50	850	340	ball bearing	20	60
ALST 250/25K	250	50	850	340	ball bearing	25	60
ALST 300/25K	300	60	1,150	460	ball bearing	25	70

Versions / options



	antistatic version, non-marking grey	with extremely crowned tread	other shore hardnesses and special colours
Technical description page	50	55	
Product code suffix	**-AS**	**-CO**	
Available for	wheel Ø 100, 125, 150, 160, 200 mm	upon request	upon request



L-ALST, B-ALST, BH-ALST series

Pressed steel castors, medium-duty version, with top plate, wheel with Blickle Softhane® polyurethane tread

200–500 kg



Bracket: L/B/BH series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 150 mm)
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: ALST series
- tread: high-quality polyurethane elastomer Blickle Softhane®, hardness 75 Shore A, colour green, non-marking, non-staining
- wheel centre: die-cast aluminium, colour silver grey

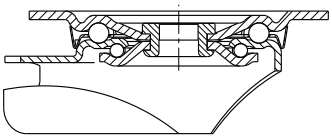
Additional details:
- bracket series: page 91
- brakes: page 112–113
- wheel series: page 294
- bearing types: page 84–85

Blickle Softhane®









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Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-ALST 80K	**B-ALST 80K**	**L-ALST 80K-FI**	80	30	200	ball bearing	102	100 x 85	80 x 60	9	38
L-ALST 100K	**B-ALST 100K**	**L-ALST 100K-FI**	100	40	250	ball bearing	125	100 x 85	80 x 60	9	36
L-ALST 125K	**B-ALST 125K**	**L-ALST 125K-FI**	125	40	250	ball bearing	150	100 x 85	80 x 60	9	38
L-ALST 150K	**B-ALST 150K**	**L-ALST 150K-FI**	150	50	400	ball bearing	190	140 x 110	105 x 75–80	11	60
L-ALST 160K	**B-ALST 160K**	**L-ALST 160K-FI**	160	50	400	ball bearing	195	140 x 110	105 x 75–80	11	60
L-ALST 180K	**B-ALST 180K**	**L-ALST 180K-FI**	180	50	400	ball bearing	215	140 x 110	105 x 75–80	11	60
L-ALST 200K	**B-ALST 200K**	**L-ALST 200K-FI**	200	50	400	ball bearing	235	140 x 110	105 x 75–80	11	65
L-ALST 250K-3	**BH-ALST 250K**	*	250	50	500	ball bearing	295	140 x 110	105 x 75–80	11	77

* "stop-top" brake version, see versions / options

Versions / options















	antistatic version, non-marking grey	with extremely crowned tread	with "stop-top" brake	with "central-stop" central brake system	directional lock (separate) 1 x 360°	directional lock (separate) 1 x 360°	with steel foot guard
Technical description page	50	55	112	113	115	115	116
Product code suffix	**-AS**	**-CO**	**-ST**	**-CS11**	**RI-03.01**	**RI-05.03**	**-FS**
Available for	wheel Ø 100, 125, 150, 160, 200 mm	upon request	all	wheel Ø 160+200 mm	wheel Ø 100–125 mm**	wheel Ø 150–200 mm**	wheel Ø 100–250 mm

** Only for swivel castors without brake or swivel castor with "stop-top" and "central-stop" brake upon request

Blickle®

LK-ALST, BK-ALST, BH-ALST series

Pressed steel castors, heavy-duty design, with top plate, wheel with Blickle Softhane® polyurethane tread

230–600 kg



Blickle Softhane®

Bracket: LK/BK/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 125x50 mm)
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

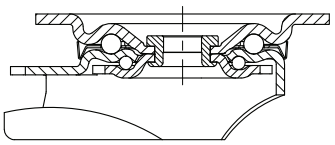
Wheel: ALST series
- tread: high-quality polyurethane elastomer Blickle Softhane®, hardness 75 Shore A, colour green, non-marking, non-staining
- wheel centre: die-cast aluminium, colour silver grey

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 294
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-ALST 82K	**BK-ALST 82K**	**LK-ALST 82K-FI**	80	40	230	ball bearing	110	100 x 85	80 x 60	9	40
LK-ALST 100K-1	**BK-ALST 100K-1**	**LK-ALST 100K-1-FI**	100	40	320	ball bearing	130	100 x 85	80 x 60	9	45
LK-ALST 100K-3	**BK-ALST 100K-3**	**LK-ALST 100K-3-FI**	100	40	320	ball bearing	130	140 x 110	105 x 75–80	11	45
LK-ALST 125K-1	**BK-ALST 125K-1**	**LK-ALST 125K-1-FI**	125	40	350	ball bearing	155	100 x 85	80 x 60	9	48
LK-ALST 125K-3	**BK-ALST 125K-3**	**LK-ALST 125K-3-FI**	125	40	350	ball bearing	155	140 x 110	105 x 75–80	11	48
LK-ALST 127K	**BH-ALST 127K**	**LK-ALST 127K-FI**	125	54	450	ball bearing	170	140 x 110	105 x 75–80	11	55
LK-ALST 150K	**BH-ALST 150K**	**LK-ALST 150K-FI**	150	50	500	ball bearing	197	140 x 110	105 x 75–80	11	60
LK-ALST 160K	**BH-ALST 160K**	**LK-ALST 160K-FI**	160	50	580	ball bearing	202	140 x 110	105 x 75–80	11	60
LK-ALST 180K	**BH-ALST 180K**	**LK-ALST 180K-FI**	180	50	600	ball bearing	223	140 x 110	105 x 75–80	11	65
LK-ALST 200K	**BH-ALST 200K**	**LK-ALST 200K-FI**	200	50	600	ball bearing	245	140 x 110	105 x 75–80	11	62

Versions / options



	antistatic version, non-marking grey	with extremely crowned tread	with "stop-top" brake	with "central-stop" central brake system	with "ideal-stop" brake total height +17 mm	with directional lock (separate) 1x 360°	with steel foot guard
Technical description page	50	55	112	113	112	115	116
Product code suffix	**-AS**	**-CO**	**-ST**	**-CS11**	**-IS**	**see ***	**-FS**
Available for	wheel Ø 100, 125, 150, 160, 200 mm	upon request	all	wheel Ø 100–125x40 mm	Ø 100, 125, 160, 200 mm with plate 140x110	for wheel Ø and plate dimensions, see*	upon request

* **RI-05.01** for wheel Ø 80–125 mm with plate 100x85 mm, **RI-03.03** for wheel Ø 100–125x40 mm with plate 140x110 mm, **RI-05.03** for wheel Ø 125x54–200 mm
(Only for swivel castors without brake or swivel castor with "stop-top" and "central-stop" brake upon request)

LKR-ALST series

Pressed steel castors, heavy-duty design, with bolt hole, wheel with Blickle Softhane® polyurethane tread

230–350 kg



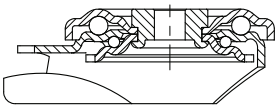
Blickle Softhane®

Bracket: LKR series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: ALST series
- tread: high-quality polyurethane elastomer Blickle Softhane®, hardness 75 Shore A, colour green, non-marking, non-staining
- wheel centre: die-cast aluminium, colour silver grey

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 294
- bearing types: page 84–85





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Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LKR-ALST 82K	**LKR-ALST 82K-FI**	80	40	230	ball bearing	110	88	13	40
LKR-ALST 100K	**LKR-ALST 100K-FI**	100	40	320	ball bearing	130	88	13	45
LKR-ALST 125K	**LKR-ALST 125K-FI**	125	40	350	ball bearing	155	88	13	48

Versions / options







	antistatic version, non-marking grey	with extremely crowned tread	truck lock
Technical description page	50	55	114
Product code suffix	**-AS**	**-CO**	**FF 100-1 / FF 125-1**
Available for	wheel Ø 100–125 mm	upon request	wheel Ø 100+125 mm

Blickle®

LH-ALST, BH-ALST series

Pressed steel castors, heavy-duty design, with top plate, wheel with Blickle Softhane® polyurethane tread

230–850 kg



Blickle Softhane®

Bracket: LH/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- heavy fork and top plate

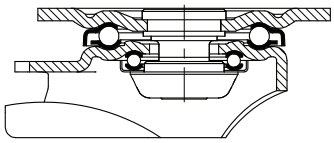
Swivel bracket:
- double ball bearing in the swivel head
- bolted and secured central kingpin, extremely strong
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**

Wheel: ALST series
- tread: high-quality polyurethane elastomer Blickle Softhane®, hardness 75 Shore A, colour green, non-marking, non-staining
- wheel centre: die-cast aluminium, colour silver grey

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 294
- bearing types: page 84–85







Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-ALST 82K	**BH-ALST 82K**	**LH-ALST 82K-FI**	80	40	230	ball bearing	120	100 x 85	80 x 60	9	45
LH-ALST 100K-1	**BH-ALST 100K-1**	**LH-ALST 100K-1-FI**	100	40	320	ball bearing	140	100 x 85	80 x 60	9	45
LH-ALST 100K-3	**BH-ALST 100K-3**	**LH-ALST 100K-3-FI**	100	40	320	ball bearing	140	140 x 110	105 x 75–80	11	45
LH-ALST 125K-1	**BH-ALST 125K-1**	**LH-ALST 125K-1-FI**	125	40	370	ball bearing	165	100 x 85	80 x 60	9	45
LH-ALST 125K-3	**BH-ALST 125K-3**	**LH-ALST 125K-3-FI**	125	40	370	ball bearing	165	140 x 110	105 x 75–80	11	45
LH-ALST 127K	**BH-ALST 127K**	**LH-ALST 127K-FI**	125	54	450	ball bearing	170	140 x 110	105 x 75–80	11	55
LH-ALST 150K	**BH-ALST 150K**	**LH-ALST 150K-FI**	150	50	500	ball bearing	197	140 x 110	105 x 75–80	11	65
LH-ALST 160K	**BH-ALST 160K**	**LH-ALST 160K-FI**	160	50	580	ball bearing	202	140 x 110	105 x 75–80	11	65
LH-ALST 180K	**BH-ALST 180K**	**LH-ALST 180K-FI**	180	50	670	ball bearing	223	140 x 110	105 x 75–80	11	67
LH-ALST 200K	**BH-ALST 200K**	**LH-ALST 200K-FI**	200	50	750	ball bearing	245	140 x 110	105 x 75–80	11	70
LH-ALST 250K	**BH-ALST 250K**	*	250	50	850	ball bearing	295	140 x 110	105 x 75–80	11	82

* "stop-top" brake version, see versions / options

Versions / options









	antistatic version, non-marking grey	with extremely crowned tread	with "stop-top" brake	with "central-stop" central brake system	with "ideal-stop" brake total height +17 mm	with directional lock (separate) 1x 360°	with steel foot guard
Technical description page	50	55	112	113	112	115	116
Product code suffix	**-AS**	**-CO**	**-ST**	**-CS13**	**-IS**	**see *****	**-FS**
Available for	wheel Ø 100, 125, 150, 160, 200 mm	upon request	all	wheel Ø 160+200 mm	wheel Ø 160+200 mm**	for wheel Ø and plate dimensions, see***	from wheel Ø 100 mm

** Synthetic adapter plate to balance out total height for swivel and fixed castors without "ideal-stop" brake: **product code AP3-17**

*** **RI-04.01** for wheel Ø 80–125 mm with plate 100x85 mm, **RI-04.03** for wheel Ø 100–125x40 mm with plate 140x110 mm, **RI-05.03** for wheel Ø 125x54–200 mm
(Only for swivel castors without brake or swivel castor with "stop-top" and "central-stop" brake upon request)

LUH-ALST, BH-ALST series

Pressed steel castors, heavy-duty design, enclosed, with top plate, wheel with Blickle Softhane® polyurethane tread



450–750 kg

Bracket: LUH/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- four-point ball bearing for extremely heavy loads
- enclosed and sealed swivel head
- particularly resistant to shocks and impact due to **specially-shaped, hardened bearing seats**

Wheel: ALST series
- tread: high-quality polyurethane elastomer Blickle Softhane®, hardness 75 Shore A, colour green, non-marking, non-staining
- wheel centre: die-cast aluminium, colour silver grey

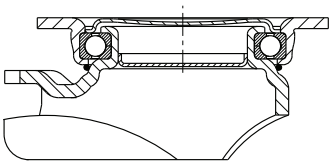
Additional details:
- bracket series: page 93
- brakes: page 112–113
- wheel series: page 294
- bearing types: page 84–85

Blickle Softhane®









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LUH-ALST 127K	**BH-ALST 127K**	**LUH-ALST 127K-FI**	125	54	450	ball bearing	170	140 x 110	105 x 75–80	11	55
LUH-ALST 150K	**BH-ALST 150K**	**LUH-ALST 150K-FI**	150	50	500	ball bearing	197	140 x 110	105 x 75–80	11	61
LUH-ALST 160K	**BH-ALST 160K**	**LUH-ALST 160K-FI**	160	50	580	ball bearing	202	140 x 110	105 x 75–80	11	61
LUH-ALST 200K	**BH-ALST 200K**	**LUH-ALST 200K-FI**	200	50	750	ball bearing	245	140 x 110	105 x 75–80	11	63

Versions / options









	antistatic version, non-marking grey	with extremely crowned tread	directional lock (separate) 1 x 360°	with steel foot guard
Technical description page	50	55	115	116
Product code suffix	**-AS**	**-CO**	**RI-05.03**	**-FS**
Available for	all	upon request	all*	upon request

* Only for swivel castors without brake

LO-ALST, BO-ALST series

Welded steel heavy-duty castors, wheel with polyurethane tread Blickle Softhane®

450–850 kg



Bracket: LO/BO series
- solid welded steel construction, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- **four specially-shaped, hardened bearing seats** for additional strength
- bolted and secured welded central kingpin, extremely strong
- swivel head seal with labyrinth design
- grease nipple

Wheel: ALST series
- tread: high-quality polyurethane elastomer Blickle Softhane®, hardness 75 Shore A, colour green, non-marking, non-staining
- wheel centre: die-cast aluminium, colour silver grey

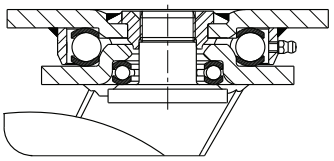
Additional details:
- bracket series: page 93
- brakes: page 112–113
- wheel series: page 294
- bearing types: page 84–85

Blickle Softhane®









Swivel castors	Fixed castors	Swivel castor with "stop-top" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LO-ALST 127K	**BO-ALST 127K**	**LO-ALST 127K-ST**	125	54	450	ball bearing	170	140 x 110	105 x 75–80	11	50
LO-ALST 150K	**BO-ALST 150K**	**LO-ALST 150K-ST**	150	50	500	ball bearing	200	140 x 110	105 x 75–80	11	55
LO-ALST 160K	**BO-ALST 160K**	**LO-ALST 160K-ST**	160	50	580	ball bearing	205	140 x 110	105 x 75–80	11	55
LO-ALST 200K	**BO-ALST 200K**	**LO-ALST 200K-ST**	200	50	750	ball bearing	245	140 x 110	105 x 75–80	11	60
LO-ALST 250K	**BO-ALST 250K**	**LO-ALST 250K-ST**	250	50	850	ball bearing	295	140 x 110	105 x 75–80	11	70

Versions / options











	antistatic version, non-marking grey	with extremely crowned tread	with directional lock 4 x 90°	with steel foot guard	truck lock
Technical description page	50	55	115	116	114
Product code suffix	**-AS**	**-CO**	**-RI4**	**-FS**	**FF 125 / 150 / 160 / 200**
Available for	wheel Ø 125–200 mm	upon request	wheel Ø 125–200 mm	upon request	wheel Ø 125–200 mm

GST series

Heavy-duty wheels with Blickle Softhane® polyurethane tread, with cast iron wheel centre



450–3,000 kg

Tread and tyre hardness
75 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
very good

Wear resistance
very good

Blickle Softhane®

Tread:
- high-quality polyurethane elastomer Blickle Softhane®, hardness 75 Shore A
- extra-thick elastic tread for excellent operational comfort
- very good floor preservation, low-noise operation
- low rolling resistance
- high abrasion resistance
- high cut and tear propagation resistance
- colour green, non-marking, non-staining
- excellent chemical connection with the wheel centre

Wheel centre:
- rugged grey cast iron
- with grease nipple from wheel Ø 160 mm
- lacquered, colour silver

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

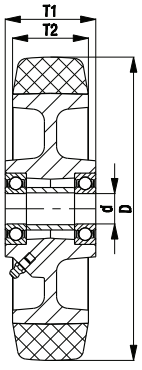
Additional details:
- wheel series: page 67
- tread: page 55
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
GST 127/20K	125	50	450	180	ball bearing	20	60
GST 150/20K	150	50	570	220	ball bearing	20	60
GST 160/20K	160	50	600	240	ball bearing	20	60
GST 200/20K	200	50	800	320	ball bearing	20	60
GST 200/25K	200	50	800	320	ball bearing	25	60
GST 202/25K	200	80	1,200	480	ball bearing	25	90
GST 202/35K	200	80	1,200	480	ball bearing	35	90
GST 250/25K	250	60	1,200	480	ball bearing	25	70
GST 250/35K	250	60	1,200	480	ball bearing	35	70
GST 252/25K	250	80	1,400	560	ball bearing	25	90
GST 252/30K	250	80	1,400	560	ball bearing	30	90
GST 302/30K	300	80	1,800	680	ball bearing	30	90
GST 302/35K	300	80	1,800	680	ball bearing	35	90
GST 304/35K	300	100	2,250	840	ball bearing	35	120
GST 404/40K	400	100	3,000	1,100	ball bearing	40	120

Versions / options



	antistatic version, non-marking grey	drive wheels with hub keyway	hub fitting wheels	other shore hardnesses and special colours
Technical description page	50	76	77	
Product code suffix	**-AS**	**GSTN series**	**GSTA series**	
Available for	upon request	see page 543	see page 551	upon request



LH-GST, BH-GST series

Pressed steel castors, heavy-duty design, with top plate, wheel with Blickle Softhane® polyurethane tread



450–900 kg

Bracket: LH/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- heavy fork and top plate

Swivel bracket:
- double ball bearing in the swivel head
- bolted and secured central kingpin, extremely strong
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**

Wheel: GST series
- tread: high-quality polyurethane elastomer Blickle Softhane®, hardness 75 Shore A, colour green, non-marking, non-staining
- wheel centre: rugged grey cast iron, with grease nipple from wheel Ø 160 mm, lacquered, colour silver

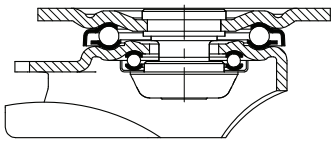
Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 301
- bearing types: page 84–85

Blickle Softhane®









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-GST 127K	**BH-GST 127K**	**LH-GST 127K-FI**	125	50	450	ball bearing	170	140 x 110	105 x 75–80	11	55
LH-GST 150K	**BH-GST 150K**	**LH-GST 150K-FI**	150	50	570	ball bearing	197	140 x 110	105 x 75–80	11	65
LH-GST 160K	**BH-GST 160K**	**LH-GST 160K-FI**	160	50	600	ball bearing	202	140 x 110	105 x 75–80	11	65
LH-GST 200K	**BH-GST 200K**	**LH-GST 200K-FI**	200	50	800	ball bearing	245	140 x 110	105 x 75–80	11	70
LH-GST 202K	**BO-GST 202K ***	**	200	80	800	ball bearing	245	140 x 110	105 x 75–80	11	70
LH-GST 250K	**BH-GST 250K**	**	250	60	900	ball bearing	295	140 x 110	105 x 75–80	11	82

* Welded steel construction

** “stop-top” brake version, see versions / options

Versions / options



	antistatic version, non-marking grey	with “stop-top” brake	with “central-stop” central brake system	with “ideal-stop” brake total height +17 mm	directional lock (separate) 1 x 360°	with steel foot guard	truck lock
Technical description page	50	112	113	112	115	116	114
Product code suffix	**-AS**	**-ST**	**-CS13**	**-IS**	**RI-05.03**	**-FS**	**FF 125 / 150 / 160 / 200**
Available for	upon request	all	wheel Ø 160+200x50 mm	wheel Ø 160–200 mm***	wheel Ø 125–200x50 mm****	all	wheel Ø 125–200 mm

*** Synthetic adapter plate to balance out total height for swivel and fixed castors without “ideal-stop” brake: **product code AP3-17**

**** Only for swivel castors without brake or swivel castor with “stop-top” and “central-stop” brake upon request

LUH-GST, BH-GST series

Pressed steel castors, heavy-duty design, enclosed, with top plate, wheel with Blickle Softhane® polyurethane tread



450–800 kg

Bracket: LUH/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- four-point ball bearing for extremely heavy loads
- enclosed and sealed swivel head
- particularly resistant to shocks and impact due to **specially-shaped, hardened bearing seats**

Wheel: GST series
- tread: high-quality polyurethane elastomer Blickle Softhane®, hardness 75 Shore A, colour green, non-marking, non-staining
- wheel centre: rugged grey cast iron, with grease nipple from wheel Ø 160 mm, lacquered, colour silver

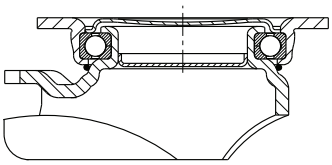
Additional details:
- bracket series: page 93
- brakes: page 112–113
- wheel series: page 301
- bearing types: page 84–85

Blickle Softhane®









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LUH-GST 127K	**BH-GST 127K**	**LUH-GST 127K-FI**	125	50	450	ball bearing	170	140 x 110	105 x 75–80	11	55
LUH-GST 150K	**BH-GST 150K**	**LUH-GST 150K-FI**	150	50	570	ball bearing	197	140 x 110	105 x 75–80	11	61
LUH-GST 160K	**BH-GST 160K**	**LUH-GST 160K-FI**	160	50	600	ball bearing	202	140 x 110	105 x 75–80	11	61
LUH-GST 200K	**BH-GST 200K**	**LUH-GST 200K-FI**	200	50	800	ball bearing	245	140 x 110	105 x 75–80	11	63

Versions / options







	antistatic version, non-marking grey	directional lock (separate) 1 x 360°	with steel foot guard
Technical description page	50	115	116
Product code suffix	**-AS**	**RI-05.03**	**-FS**
Available for	upon request	all*	upon request

* Only for swivel castors without brake

LO-GST, BO-GST series

Welded steel heavy-duty castors, wheel with polyurethane tread Blickle Softhane®

450–1,200 kg



Bracket: LO/BO series
- solid welded steel construction, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- **four specially-shaped, hardened bearing seats** for additional strength
- bolted and secured welded central kingpin, extremely strong
- swivel head seal with labyrinth design
- grease nipple

Wheel: GST series
- tread: high-quality polyurethane elastomer Blickle Softhane®, hardness 75 Shore A, colour green, non-marking, non-staining
- wheel centre: rugged grey cast iron, with grease nipple from wheel Ø 160 mm, lacquered, colour silver

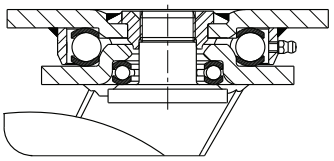
Additional details:
- bracket series: page 93
- brakes: page 112–113
- wheel series: page 301
- bearing types: page 84–85

Blickle Softhane®









Swivel castors	Fixed castors	Swivel castor with "stop-top" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LO-GST 127K	**BO-GST 127K**	**LO-GST 127K-ST**	125	50	450	ball bearing	170	140 x 110	105 x 75–80	11	50
LO-GST 150K	**BO-GST 150K**	**LO-GST 150K-ST**	150	50	570	ball bearing	200	140 x 110	105 x 75–80	11	55
LO-GST 160K	**BO-GST 160K**	**LO-GST 160K-ST**	160	50	600	ball bearing	205	140 x 110	105 x 75–80	11	55
LO-GST 200K	**BO-GST 200K**	**LO-GST 200K-ST**	200	50	800	ball bearing	245	140 x 110	105 x 75–80	11	60
LO-GST 202K	**BO-GST 202K**	**LO-GST 202K-ST**	200	80	1,100	ball bearing	245	140 x 110	105 x 75–80	11	65
LO-GST 250K	**BO-GST 250K**	**LO-GST 250K-ST**	250	60	1,200	ball bearing	295	140 x 110	105 x 75–80	11	70

Versions / options









	antistatic version, non-marking grey	with directional lock 4 x 90°	with steel foot guard	truck lock
Technical description page	50	115	116	114
Product code suffix	**-AS**	**-RI4**	**-FS**	**FF 125 / 150 / 160 / 200**
Available for	upon request	wheel Ø 125–200x50 mm	upon request	wheel Ø 125–200 mm

LS-GST, BS-GST series

Welded steel heavy-duty castors, heavy-duty swivel head, wheel with Blickle Softhane® polyurethane tread

450–2,250 kg



Bracket: LS/BS series
- particularly robust welded steel construction, zinc-plated, yellow-passivated, Cr6-free

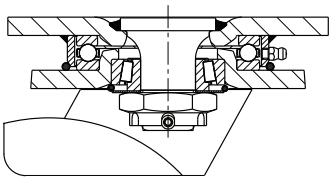
Swivel bracket:
- axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head
- bolted and secured welded central kingpin, extremely strong
- dust and splash-proof
- grease nipple

Wheel: GST series
- tread: high-quality polyurethane elastomer Blickle Softhane®, hardness 75 Shore A, colour green, non-marking, non-staining
- wheel centre: rugged grey cast iron, with grease nipple from wheel Ø 160 mm, lacquered, colour silver

Additional details:
- bracket series: page 94
- brakes: page 112–113
- wheel series: page 301
- bearing types: page 84–85

Blickle Softhane®





5

Swivel castors	Fixed castors	Swivel castor with "stop-top" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LS-GST 127K	**BS-GST 127K**	**LS-GST 127K-ST**	125	50	450	ball bearing	170	140 x 110	105 x 75–80	11	50
LS-GST 150K	**BS-GST 150K**	**LS-GST 150K-ST**	150	50	570	ball bearing	200	140 x 110	105 x 75–80	11	55
LS-GST 160K	**BS-GST 160K**	**LS-GST 160K-ST**	160	50	600	ball bearing	205	140 x 110	105 x 75–80	11	55
LS-GST 200K	**BS-GST 200K**	**LS-GST 200K-ST**	200	50	800	ball bearing	245	140 x 110	105 x 75–80	11	60
LS-GST 202K	**BS-GST 202K**	**LS-GST 202K-ST**	200	80	1,200	ball bearing	255	175 x 140	140 x 105	14	65
LS-GST 250K	**BS-GST 250K**	**LS-GST 250K-ST**	250	60	1,200	ball bearing	305	175 x 140	140 x 105	14	75
LS-GST 252K	**BS-GST 252K**	**LS-GST 252K-ST**	250	80	1,400	ball bearing	305	175 x 140	140 x 105	14	75
LS-GST 302K	**BS-GST 302K**	**LS-GST 302K-ST**	300	80	1,800	ball bearing	355	175 x 140	140 x 105	14	85
LS-GST 304K	**BS-GST 304K**		300	100	2,250	ball bearing	370	200 x 160	160 x 120	14	85

Versions / options



	antistatic version, non-marking grey	with directional lock 4 x 90°	with steel foot guard	truck lock
Technical description page	50	115	116	114
Product code suffix	**-AS**	**-RI4**	**-FS**	**FF 125 / 150 / 160 / 200**
Available for	upon request	wheel Ø 125–300x80 mm	wheel Ø 125–250 mm	wheel Ø 125–200x50 mm

LSD-GST, BSD-GST series

Welded steel heavy-duty twin wheel castors, heavy-duty swivel head, wheels with Blickle Softhane® polyurethane tread

900–6,000 kg



Bracket: LSD/BSD series
- particularly robust welded steel construction, zinc-plated, yellow-passivated, Cr6-free

Swivel bracket:
- axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head
- bolted and secured welded central kingpin, extremely strong
- dust and splash-proof
- grease nipple

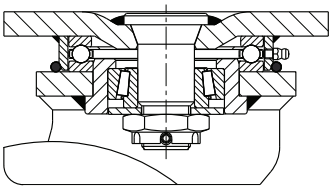
Wheel: GST series
- tread: high-quality polyurethane elastomer Blickle Softhane®, hardness 75 Shore A, colour green, non-marking, non-staining
- wheel centre: rugged grey cast iron, with grease nipple from wheel Ø 160 mm, lacquered, colour silver

Additional details:
- bracket series: page 94
- brakes: page 112–113
- wheel series: page 301
- bearing types: page 84–85

Blickle Softhane®







Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LSD-GST 127K	**BSD-GST 127K**	125	2 x 50	900	ball bearing	185	175 x 140	140 x 105	14	50
LSD-GST 150K-35	**BSD-GST 150K-35**	150	2 x 50	1,100	ball bearing	215	175 x 140	140 x 105	14	55
LSD-GST 200K-35	**BSD-GST 200K-35**	200	2 x 50	1,600	ball bearing	260	175 x 140	140 x 105	14	60
LSD-GST 202K	**BSD-GST 202K**	200	2 x 80	2,400	ball bearing	280	255 x 200	210 x 160	18	60
LSD-GST 250K	**BSD-GST 250K**	250	2 x 60	2,400	ball bearing	330	255 x 200	210 x 160	18	70
LSD-GST 252K	**BSD-GST 252K**	250	2 x 80	2,400	ball bearing	330	255 x 200	210 x 160	18	70
LSD-GST 304K		300	2 x 100	4,500	ball bearing	390	255 x 200	210 x 160	18	80
	BSD-GST 304K	300	2 x 100	4,500	ball bearing	390	300 x 200	210 x 160	18	–
LSD-GST 302K	**BSD-GST 302K**	300	2 x 80	3,600	ball bearing	390	255 x 200	210 x 160	18	80
LSD-GST 404K-42	**BSD-GST 404K-42**	400	2 x 100	6,000	ball bearing	530	400 x 300	340 x 240	26	125

Fixed castors: long side of plate parallel to the wheel axle

Versions / options



	antistatic version, non-marking grey	with “Radstop” wheel brake	with “Radstop” wheel brake	with directional lock 4 x 90°	with directional lock 4 x 90° (inserted by hand)	with steel foot guard
Technical description page	50	113	113	115	115	116
Product code suffix	**-AS**	**-RA**	**-RAH**	**-RI4**	**-RI4H**	**-FS**
Available for	upon request	up to wheel Ø 200x50 mm upon request	from wheel Ø 200x80 mm upon request	wheel Ø 125–200x50 mm upon request	wheel Ø 200x80–300 mm upon request	upon request

ALB series

Heavy-duty wheels with Blickle Besthane® polyurethane tread, with aluminium wheel centre



400–1,250 kg

Tread and tyre hardness
92 Shore A

Smooth operation / floor preservation
good

Rolling resistance
excellent

Wear resistance
excellent

Blickle Besthane®

Tread:
- high-quality polyurethane elastomer Blickle Besthane®, hardness 92 Shore A
- very low rolling resistance
- **high dynamic load capacity**
- high abrasion resistance
- high cut and tear propagation resistance
- colour brown, non-marking, non-staining
- excellent chemical connection with the wheel centre

Wheel centre:
- die-cast aluminium

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

Additional details:
- wheel series: page 67
- tread: page 56
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Load capacity at 16 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
ALB 101/15K *	100	40	400	–	–	ball bearing	15	40
ALB 125/15K	125	40	550	–	–	ball bearing	15	45
ALB 150/20K	150	50	650	320	240	ball bearing	20	60
ALB 152/20K *	150	54	900	450	310	ball bearing	20	60
ALB 160/20K	160	50	750	370	280	ball bearing	20	60
ALB 162/20K *	160	50	950	470	330	ball bearing	20	60
ALB 181/20K	180	44	650	320	240	ball bearing	20	44
ALB 200/20K	200	50	800	400	300	ball bearing	20	60
ALB 202/20K *	200	50	1,000	500	350	ball bearing	20	60
ALB 250/25K	250	60	1,000	500	350	ball bearing	25	70
ALB 252/25K *	250	60	1,250	620	430	ball bearing	25	70

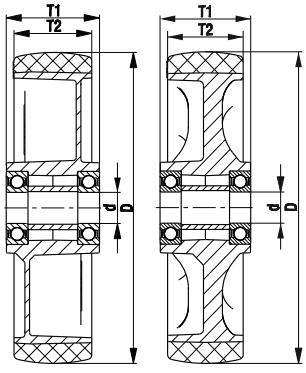
* With heavy-duty wheel centre, reinforced design

Versions / options



	version with heavy duty wheel centre, reinforced design	other shore hardnesses and special colours
Technical description page		
Product code suffix		
Available for		upon request

ball bearing reinforced design



L-ALB, B-ALB, BH-ALB series

Pressed steel castors, medium-duty version, with top plate, wheel with Blickle Besthane® polyurethane tread

250–500 kg



Blickle Besthane®

Bracket: L/B/BH series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 150 mm)
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

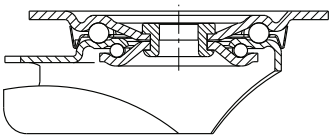
Wheel: ALB series
- tread: high-quality polyurethane elastomer Blickle Besthane®, hardness 92 Shore A, colour brown, non-marking, non-staining
- wheel centre: die-cast aluminium, colour silver grey

Additional details:
- bracket series: page 91
- brakes: page 112–113
- wheel series: page 307
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-ALB 101K	**B-ALB 101K**	**L-ALB 101K-FI**	100	40	250	ball bearing	125	100 x 85	80 x 60	9	35
L-ALB 125K	**B-ALB 125K**	**L-ALB 125K-FI**	125	40	250	ball bearing	150	100 x 85	80 x 60	9	38
L-ALB 150K	**B-ALB 150K**	**L-ALB 150K-FI**	150	50	400	ball bearing	190	140 x 110	105 x 75–80	11	60
L-ALB 160K	**B-ALB 160K**	**L-ALB 160K-FI**	160	50	400	ball bearing	195	140 x 110	105 x 75–80	11	60
L-ALB 200K	**B-ALB 200K**	**L-ALB 200K-FI**	200	50	400	ball bearing	235	140 x 110	105 x 75–80	11	65
L-ALB 250K-3	**BH-ALB 250K**	*	250	60	500	ball bearing	295	140 x 110	105 x 75–80	11	77

* “stop-top” brake version, see versions / options

Versions / options



	with “stop-top” brake	with “central-stop” central brake system	directional lock (separate) 1 x 360°	directional lock (separate) 1 x 360°	with steel foot guard
Technical description page	112	113	115	115	116
Product code suffix	**-ST**	**-CS11**	**RI-03.01**	**RI-05.03**	**-FS**
Available for	all	wheel Ø 160–200 mm	wheel Ø 100–125 mm**	wheel Ø 150–200 mm**	all

** Only for swivel castors without brake or swivel castor with “stop-top” and “central-stop” brake upon request

LK-ALB, BK-ALB, BH-ALB series

Pressed steel castors, heavy-duty design, with top plate, wheel with Blickle Besthane® polyurethane tread



350–600 kg

Bracket: LK/BK/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 125x50 mm)
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: ALB series
- tread: high-quality polyurethane elastomer Blickle Besthane®, hardness 92 Shore A, colour brown, non-marking, non-staining
- wheel centre: die-cast aluminium, colour silver grey

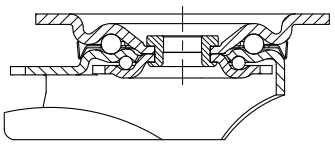
Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 307
- bearing types: page 84–85

Blickle Besthane®









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Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-ALB 101K-1	**BK-ALB 101K-1**	**LK-ALB 101K-1-FI**	100	40	350	ball bearing	130	100 x 85	80 x 60	9	45
LK-ALB 101K-3	**BK-ALB 101K-3**	**LK-ALB 101K-3-FI**	100	40	350	ball bearing	130	140 x 110	105 x 75–80	11	45
LK-ALB 125K-1	**BK-ALB 125K-1**	**LK-ALB 125K-1-FI**	125	40	350	ball bearing	155	100 x 85	80 x 60	9	48
LK-ALB 125K-3	**BK-ALB 125K-3**	**LK-ALB 125K-3-FI**	125	40	350	ball bearing	155	140 x 110	105 x 75–80	11	48
LK-ALB 150K	**BH-ALB 150K**	**LK-ALB 150K-FI**	150	50	600	ball bearing	197	140 x 110	105 x 75–80	11	60
LK-ALB 160K	**BH-ALB 160K**	**LK-ALB 160K-FI**	160	50	600	ball bearing	202	140 x 110	105 x 75–80	11	60
LK-ALB 200K	**BH-ALB 200K**	**LK-ALB 200K-FI**	200	50	600	ball bearing	245	140 x 110	105 x 75–80	11	62

Versions / options



	with "stop-top" brake	with "ideal-stop" brake total height +17 mm	with directional lock (separate) 1x 360°	with steel foot guard
Technical description page	112	112	115	116
Product code suffix	**-ST**	**-IS**	**see ****	**-FS**
Available for	all	wheel Ø 160+200 mm*	for wheel Ø and plate dimensions, see**	upon request

* Synthetic adapter plate to balance out total height for swivel and fixed castors without "ideal-stop" brake: **product code AP3-17**

** **RI-05.01** for wheel Ø 100–125 mm with plate 100x85 mm, **RI-03.03** for wheel Ø 100–125 mm with plate 140x110 mm, **RI-05.03** for wheel Ø 150–200 mm (Only for swivel castors without brake or swivel castor with "stop-top" brake upon request)

LH-ALB, BH-ALB series

Pressed steel castors, heavy-duty design, with top plate, wheel with Blickle Besthane® polyurethane tread



400–900 kg

Bracket: LH/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- heavy fork and top plate

Swivel bracket:
- double ball bearing in the swivel head
- bolted and secured central kingpin, extremely strong
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**

Wheel: ALB series
- tread: high-quality polyurethane elastomer Blickle Besthane®, hardness 92 Shore A, colour brown, non-marking, non-staining
- wheel centre: die-cast aluminium, colour silver grey

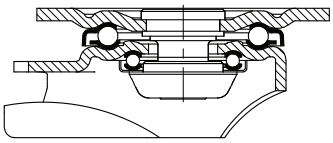
Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 307
- bearing types: page 84–85

Blickle Besthane®









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-ALB 101K-1 *	**BH-ALB 101K-1 ***	**LH-ALB 101K-1-FI ***	100	40	400	ball bearing	140	100 x 85	80 x 60	9	45
LH-ALB 101K-3 *	**BH-ALB 101K-3 ***	**LH-ALB 101K-3-FI ***	100	40	400	ball bearing	140	140 x 110	105 x 75–80	11	45
LH-ALB 125K-1	**BH-ALB 125K-1**	**LH-ALB 125K-1-FI**	125	40	550	ball bearing	165	100 x 85	80 x 60	9	45
LH-ALB 125K-3	**BH-ALB 125K-3**	**LH-ALB 125K-3-FI**	125	40	550	ball bearing	165	140 x 110	105 x 75–80	11	45
LH-ALB 150K	**BH-ALB 150K**	**LH-ALB 150K-FI**	150	50	650	ball bearing	197	140 x 110	105 x 75–80	11	65
LH-ALB 152K *	**BH-ALB 152K ***	**LH-ALB 152K-FI ***	150	54	900	ball bearing	197	140 x 110	105 x 75–80	11	65
LH-ALB 160K	**BH-ALB 160K**	**LH-ALB 160K-FI**	160	50	750	ball bearing	202	140 x 110	105 x 75–80	11	65
LH-ALB 162K *	**BH-ALB 162K ***	**LH-ALB 162K-FI ***	160	50	900	ball bearing	202	140 x 110	105 x 75–80	11	65
LH-ALB 200K	**BH-ALB 200K**	**LH-ALB 200K-FI**	200	50	800	ball bearing	245	140 x 110	105 x 75–80	11	70
LH-ALB 202K *	**BH-ALB 202K ***	**LH-ALB 202K-FI ***	200	50	900	ball bearing	245	140 x 110	105 x 75–80	11	70
LH-ALB 250K	**BH-ALB 250K**	**	250	60	900	ball bearing	295	140 x 110	105 x 75–80	11	82
LH-ALB 252K *	**BH-ALB 252K ***	**	250	60	900	ball bearing	295	140 x 110	105 x 75–80	11	82

* Heavy-duty wheel version

** “stop-top” brake version, see versions / options

Versions / options



	version with heavy duty wheel centre, reinforced design	with “stop-top” brake	with “central-stop” central brake system	with “ideal-stop” brake total height +17 mm	with directional lock (separate) 1x 360°	with steel foot guard	truck lock
Technical description page		112	113	112	115	116	114
Product code suffix		**-ST**	**-CS13**	**-IS**	**see ******	**-FS**	**FF 125 / 150 / 160 / 200**
Available for		all	wheel Ø 160–200 mm	wheel Ø 160–200 mm***	for wheel Ø and plate dimensions, see****	all	wheel Ø 125, 150, 160, 200 mm

*** Synthetic adapter plate to balance out total height for swivel and fixed castors without “ideal-stop” brake: **product code AP3-17**

**** **RI-04.01** for wheel Ø 100–125 mm with plate 100x85 mm, **RI-04.03** for wheel Ø 100–125x40 mm with plate 140x110 mm, **RI-05.03** for wheel Ø 125x54–200 mm
(Only for swivel castors without brake or swivel castor with “stop-top” and “central-stop” brake upon request)

LHD-ALB, BOD-ALB series

Pressed steel twin wheel castors, heavy-duty design, with top plate, wheels with Blickle Besthane® polyurethane tread

720–900 kg



Bracket: LHD/BOD series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free (fixed bracket: solid welded steel construction)
- heavy fork and top plate

Swivel bracket:
- double ball bearing in the swivel head
- bolted and secured central kingpin, extremely strong
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**

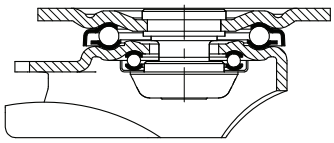
Wheel: ALB series
- tread: high-quality polyurethane elastomer Blickle Besthane®, hardness 92 Shore A, colour brown, non-marking, non-staining
- wheel centre: die-cast aluminium, colour silver grey

Additional details:
- bracket series: page 93
- wheel series: page 307
- bearing types: page 84–85

Blickle Besthane®







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Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LHD-ALB 101K *	**BOD-ALB 101K ***	100	2 x 40	720	ball bearing	145	140 x 110	105 x 75–80	11	45
LHD-ALB 125K	**BOD-ALB 125K**	125	2 x 40	900	ball bearing	170	140 x 110	105 x 75–80	11	50
LHD-ALB 181K	**BOD-ALB 181K**	180	2 x 44	800	ball bearing	235	140 x 110	105 x 75–80	11	65

* Heavy-duty wheel version

Fixed castors: long side of plate parallel to the wheel axle

Versions / options



	truck lock
Technical description page	114
Product code suffix	**FF 100-1 / FF 125-1 / FF 200**
Available for	all**

** FF 200 suitable for LHD-...wheel Ø 180 mm

VSB, GB series, wheel Ø 80–200 mm

Heavy-duty wheels with Blickle Besthane® polyurethane tread, with steel or cast iron wheel centre



450–1,600 kg

Tread and tyre hardness
92 Shore A

Smooth operation / floor preservation
good

Rolling resistance
excellent

Wear resistance
excellent

Blickle Besthane®

Tread:
- high-quality polyurethane elastomer Blickle Besthane®, hardness 92 Shore A
- very low rolling resistance
- **high dynamic load capacity**
- high abrasion resistance
- high cut and tear propagation resistance
- colour brown, non-marking, non-staining
- excellent chemical connection with the wheel centre

Wheel centre:
- series VSB: steel
- series GB: rugged grey cast iron, with grease nipple from wheel Ø 150 mm, lacquered, colour silver

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

Additional details:
- wheel series: page 67
- tread: page 56
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Load capacity at 16 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VSB 82/20K	80	70	500	–	–	ball bearing	20	70
GB 100/15K	100	40	450	–	–	ball bearing	15	40
GB 101/20-50K	100	50	600	–	–	ball bearing	20	50
GB 101/20K	100	50	600	–	–	ball bearing	20	60
GB 125/15K	125	40	550	–	–	ball bearing	15	45
GB 128/20K	125	60	850	590	340	ball bearing	20	60
GB 140/20K	140	54	900	630	360	ball bearing	20	60
GB 150/20-50K	150	50	800	560	320	ball bearing	20	50
GB 150/20K	150	50	800	560	320	ball bearing	20	60
GB 152/20K	150	60	950	660	380	ball bearing	20	60
GB 152/25K	150	60	950	660	380	ball bearing	25	60
GB 154/25K	150	80	1,200	840	480	ball bearing	25	80
GB 160/20K	160	50	800	560	320	ball bearing	20	60
GB 160/25K	160	50	800	560	320	ball bearing	25	60
GB 180/20K	180	50	1,000	700	400	ball bearing	20	60
GB 180/25K	180	50	1,000	700	400	ball bearing	25	60
GB 182/25K	180	65	1,100	770	440	ball bearing	25	75
GB 184/25K	180	80	1,400	980	560	ball bearing	25	80
GB 200/20K	200	50	1,000	700	400	ball bearing	20	60
GB 200/25K	200	50	1,000	700	400	ball bearing	25	60
GB 201/25K	200	60	1,400	980	560	ball bearing	25	60
GB 202/25K	200	80	1,600	1,100	640	ball bearing	25	90
GB 202/30K	200	80	1,600	1,100	640	ball bearing	30	90
GB 202/35K	200	80	1,600	1,100	640	ball bearing	35	90

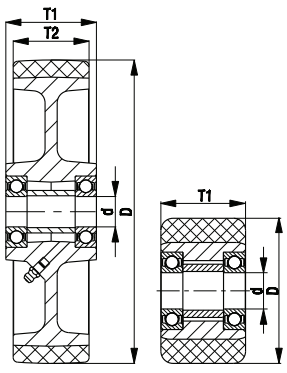
Greatly increased load capacity is possible for applications without obstacles.
For other wheel Ø, see next page

Versions / options



	hydrolysis resistant, with cast nylon wheel centre	drive wheels with hub keyway	hub fitting wheels	electrically conductive version, non-marking	other shore hardnesses and special colours
Technical description page	56	76	78	50	
Product code suffix	**GSPOB series**	**GBN series**	**GBA series**	**-ELS**	
Available for	upon request	see page 544–545	see page 552	upon request	upon request

GB VSB



GB series, wheel Ø 250–1,000 mm

Heavy-duty wheels with Blickle Besthane® polyurethane tread, with cast iron wheel centre



1,250–30,000 kg

Tread and tyre hardness
92 Shore A

Smooth operation / floor preservation
good

Rolling resistance
excellent

Wear resistance
excellent

Blickle Besthane®

Tread:
- high-quality polyurethane elastomer Blickle Besthane®, hardness 92 Shore A
- very low rolling resistance
- **high dynamic load capacity**
- high abrasion resistance
- high cut and tear propagation resistance
- colour brown, non-marking, non-staining
- excellent chemical connection with the wheel centre

Wheel centre:
- rugged grey cast iron
- with grease nipple
- lacquered, colour silver

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

Additional details:
- wheel series: page 67
- tread: page 56
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Load capacity at 16 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
GB 251/25K	250	50	1,250	870	500	ball bearing	25	60
GB 251/30K	250	50	1,250	870	500	ball bearing	30	60
GB 250/25K	250	60	1,500	1,050	600	ball bearing	25	70
GB 250/30K	250	60	1,500	1,050	600	ball bearing	30	70
GB 250/30K-01	250	60	1,750	1,200	700	ball bearing	30	70
GB 250/35K	250	60	1,500	1,050	600	ball bearing	35	70
GB 252/25K	250	80	1,800	1,250	720	ball bearing	25	90
GB 252/30K	250	80	2,200	1,550	880	ball bearing	30	90
GB 253/35K	250	100	2,650	1,850	1,050	ball bearing	35	100
GB 254/40K	250	130	3,150	2,200	1,250	ball bearing	40	140
GB 300/30K	300	60	1,800	1,250	720	ball bearing	30	70
GB 302/30K	300	80	2,400	1,650	960	ball bearing	30	90
GB 302/35K	300	80	2,400	1,650	960	ball bearing	35	90
GB 304/35K	300	100	3,000	2,100	1,200	ball bearing	35	120
GB 306/50K	300	140	3,700	2,600	1,500	ball bearing	50	140
GB 360/40K	360	75	2,500	1,750	1,000	ball bearing	40	90
GB 362/40K	360	80	3,000	2,100	1,200	ball bearing	40	90
GB 363/40K	360	100	3,600	2,500	1,450	ball bearing	40	100
GB 364/40K	360	120	3,800	2,650	1,500	ball bearing	40	120
GB 402/40K	400	80	3,000	2,100	1,200	ball bearing	40	90
GB 404/40K	400	100	3,800	2,650	1,500	ball bearing	40	120
GB 406/50K	400	125	5,000	3,500	2,000	ball bearing	50	125
GB 408/50K	400	150	5,700	4,000	2,250	ball bearing	50	150
GB 500/50K	500	100	5,000	3,500	2,000	ball bearing	50	100
GB 504/60K	500	150	7,500	5,250	3,000	ball bearing	60	150
GB 506/80K	500	200	10,000	7,000	4,000	ball bearing	80	200
GB 602/80K	600	150	9,000	6,300	3,600	ball bearing	80	150
GB 604/80K	600	200	12,000	8,400	4,800	ball bearing	80	200
GB 750/120K	750	200	15,000	10,500	6,000	ball bearing	120	200
GB 1000/160PR	1,000	300	30,000	21,000	12,000	spherical roller bearing	160	330

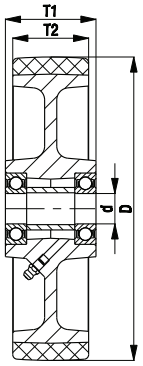
Greatly increased load capacity is possible for applications without obstacles.
Other dimensions available upon request

Versions / options

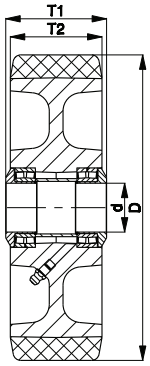


	hydrolysis resistant, with cast nylon wheel centre	drive wheels with hub keyway	hub fitting wheels	electrically conductive version, non-marking	other shore hardnesses and special colours
Technical description page	56	76	78	50	
Product code suffix	**GSPOB series**	**GBN series**	**GBA series**	**-ELS**	
Available for	upon request	see page 544–545	see page 552	up to wheel Ø 300 mm upon request	upon request

ball bearing



spherical roller bearing



Blickle®

LH-VSB, LH-GB, BH-GB series

Pressed steel castors, heavy-duty design, with top plate, wheel with Blickle Besthane® polyurethane tread



450–900 kg

Bracket: LH/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- heavy fork and top plate

Swivel bracket:
- double ball bearing in the swivel head
- bolted and secured central kingpin, extremely strong
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**

Wheel: VSB/GB series
- tread: high-quality polyurethane elastomer Blickle Besthane®, hardness 92 Shore A, colour brown, non-marking, non-staining
- wheel centre:
  VSB series: steel
  GB series: rugged grey cast iron, with grease nipple from wheel Ø 150 mm, lacquered, colour silver

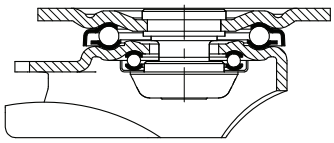
Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 312–313
- bearing types: page 84–85

Blickle Besthane®









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-VSB 82K			80	70	500	ball bearing	112	100 x 85	80 x 60	9	45
LH-GB 100K-1	**BH-GB 100K-1**	**LH-GB 100K-1-FI**	100	40	450	ball bearing	140	100 x 85	80 x 60	9	45
LH-GB 100K-3	**BH-GB 100K-3**	**LH-GB 100K-3-FI**	100	40	450	ball bearing	140	140 x 110	105 x 75–80	11	45
LH-GB 125K-1	**BH-GB 125K-1**	**LH-GB 125K-1-FI**	125	40	550	ball bearing	165	100 x 85	80 x 60	9	45
LH-GB 125K-3	**BH-GB 125K-3**	**LH-GB 125K-3-FI**	125	40	550	ball bearing	165	140 x 110	105 x 75–80	11	45
LH-GB 128K	**BH-GB 128K**	**LH-GB 128K-FI**	125	60	850	ball bearing	170	140 x 110	105 x 75–80	11	55
LH-GB 150K	**BH-GB 150K**	**LH-GB 150K-FI**	150	50	800	ball bearing	197	140 x 110	105 x 75–80	11	65
LH-GB 160K	**BH-GB 160K**	**LH-GB 160K-FI**	160	50	800	ball bearing	202	140 x 110	105 x 75–80	11	65
LH-GB 180K	**BH-GB 180K**	**LH-GB 180K-FI**	180	50	900	ball bearing	223	140 x 110	105 x 75–80	11	65
LH-GB 200K	**BH-GB 200K**	**LH-GB 200K-FI**	200	50	900	ball bearing	245	140 x 110	105 x 75–80	11	70
LH-GB 202K	**BO-GB 202K ***	**	200	80	800	ball bearing	245	140 x 110	105 x 75–80	11	70
LH-GB 250K	**BH-GB 250K**	**	250	60	900	ball bearing	295	140 x 110	105 x 75–80	11	82

* Welded steel construction

** "stop-top" brake version, see versions / options

Versions / options***















	hydrolysis resistant, with cast nylon wheel centre	electrically conductive version, non-marking	with "stop-top" brake	with "central-stop" central brake system	with "ideal-stop" brake total height +17 mm	with directional lock (separate) 1x 360°	truck lock
Technical description page	56	50	112	113	112	115	114
Product code suffix	**GSPOB series**	**-ELS**	**-ST**	**-CS13**	**-IS**	**see *******	**FF 125 / 150 / 160 / 200**
Available for	upon request	upon request	wheel Ø 100–250 mm	wheel Ø 160+200x50 mm	wheel Ø 160+200 mm****	for wheel Ø and plate dimensions, see*****	wheel Ø 125x60, 150, 160, 200 mm

*** **Additional versions / options:** with steel foot guard **(-FS)**, available for wheel Ø 100-250 mm

**** Synthetic adapter plate to balance out total height for swivel and fixed castors without "ideal-stop" brake: **product code AP3-17**

***** **RI-04.01** for wheel Ø 100–125 mm with plate 100x85 mm, **RI-04.03** for wheel Ø 100–125x40 mm with plate 140x110 mm, **RI-05.03** for wheel Ø 125x60–200x50 mm
(Only for swivel castors without brake or swivel castor with "stop-top" and "central-stop" brake upon request)

LUH-GB, BH-GB series

Pressed steel castors, heavy-duty design, enclosed, with top plate, wheel with Blickle Besthane® polyurethane tread

800–1,000 kg



Bracket: LUH/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- four-point ball bearing for extremely heavy loads
- enclosed and sealed swivel head
- particularly resistant to shocks and impact due to **specially-shaped, hardened bearing seats**

Wheel: GB series
- tread: high-quality polyurethane elastomer Blickle Besthane®, hardness 92 Shore A, colour brown, non-marking, non-staining
- wheel centre: rugged grey cast iron, with grease nipple from wheel Ø 150 mm, lacquered, colour silver

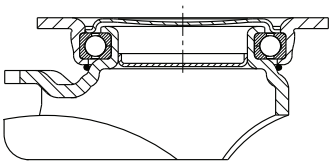
Additional details:
- bracket series: page 93
- brakes: page 112–113
- wheel series: page 312
- bearing types: page 84–85

Blickle Besthane®









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Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LUH-GB 128K	**BH-GB 128K**	**LUH-GB 128K-FI**	125	60	850	ball bearing	170	140 x 110	105 x 75–80	11	55
LUH-GB 150K	**BH-GB 150K**	**LUH-GB 150K-FI**	150	50	800	ball bearing	197	140 x 110	105 x 75–80	11	61
LUH-GB 160K	**BH-GB 160K**	**LUH-GB 160K-FI**	160	50	800	ball bearing	202	140 x 110	105 x 75–80	11	61
LUH-GB 200K	**BH-GB 200K**	**LUH-GB 200K-FI**	200	50	1,000	ball bearing	245	140 x 110	105 x 75–80	11	63

Versions / options









	hydrolysis resistant, with cast nylon wheel centre	electrically conductive version, non-marking	directional lock (separate) 1 x 360°	with steel foot guard
Technical description page	56	50	115	116
Product code suffix	**GSPOB series**	**-ELS**	**RI-05.03**	**-FS**
Available for	upon request	upon request	all*	upon request

* Only for swivel castors without brake

LS-GB, BS-GB series

Welded steel heavy-duty castors, heavy-duty swivel head, wheel with Blickle Besthane® polyurethane tread

800–12,000 kg



Blickle Besthane®

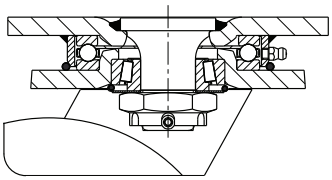
Bracket: LS/BS series
- particularly robust welded steel construction, zinc-plated, yellow-passivated, Cr6-free

Swivel bracket:
- axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head
- bolted and secured welded central kingpin, extremely strong
- dust and splash-proof
- grease nipple

Wheel: GB series
- tread: high-quality polyurethane elastomer Blickle Besthane®, hardness 92 Shore A, colour brown, non-marking, non-staining
- wheel centre: rugged grey cast iron, with grease nipple from wheel Ø 150 mm, lacquered, colour silver

Additional details:
- bracket series: page 94
- brakes: page 112–113
- wheel series: page 312–313
- bearing types: page 84–85





Swivel castors	Fixed castors	Swivel castor with "stop-top" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LS-GB 128K	**BS-GB 128K**	**LS-GB 128K-ST**	125	60	850	ball bearing	170	140 x 110	105 x 75–80	11	50
LS-GB 150K	**BS-GB 150K**	**LS-GB 150K-ST**	150	50	800	ball bearing	200	140 x 110	105 x 75–80	11	55
LS-GB 152K	**BS-GB 152K**	**LS-GB 152K-ST**	150	60	950	ball bearing	200	140 x 110	105 x 75–80	11	55
LS-GB 154K	**BS-GB 154K**	**LS-GB 154K-ST**	150	80	1,200	ball bearing	205	175 x 140	140 x 105	14	65
LS-GB 160K	**BS-GB 160K**	**LS-GB 160K-ST**	160	50	800	ball bearing	205	140 x 110	105 x 75–80	11	55
LS-GB 200K	**BS-GB 200K**	**LS-GB 200K-ST**	200	50	1,000	ball bearing	245	140 x 110	105 x 75–80	11	60
LS-GB 202K	**BS-GB 202K**	**LS-GB 202K-ST**	200	80	1,600	ball bearing	255	175 x 140	140 x 105	14	65
LS-GB 250K	**BS-GB 250K**	**LS-GB 250K-ST**	250	60	1,500	ball bearing	305	175 x 140	140 x 105	14	75
LS-GB 252K	**BS-GB 252K**	**LS-GB 252K-ST**	250	80	1,800	ball bearing	305	175 x 140	140 x 105	14	75
LS-GB 300K	**BS-GB 300K**	**LS-GB 300K-ST**	300	60	1,800	ball bearing	355	175 x 140	140 x 105	14	85
LS-GB 302K	**BS-GB 302K**	**LS-GB 302K-ST**	300	80	2,400	ball bearing	355	175 x 140	140 x 105	14	85
LS-GB 304K	**BS-GB 304K**	*	300	100	3,000	ball bearing	370	200 x 160	160 x 120	14	85
LS-GB 360K	**BS-GB 360K**	*	360	75	2,500	ball bearing	430	200 x 160	160 x 120	14	100
LS-GB 364K	**BS-GB 364K**	*	360	120	3,800	ball bearing	430	255 x 200	210 x 160	18	100
LS-GB 402K	**BS-GB 402K**	*	400	80	3,000	ball bearing	470	200 x 160	160 x 120	14	100
LS-GB 406K	**BS-GB 406K**	*	400	125	5,000	ball bearing	480	255 x 200	210 x 160	18	125
LS-GB 504K	**BS-GB 504K**	*	500	150	7,500	ball bearing	630	400 x 300	340 x 240	26	125
LS-GB 604K	**BS-GB 604K**	*	600	200	12,000	ball bearing	730	400 x 300	340 x 240	26	130

* "Radstop" brake version

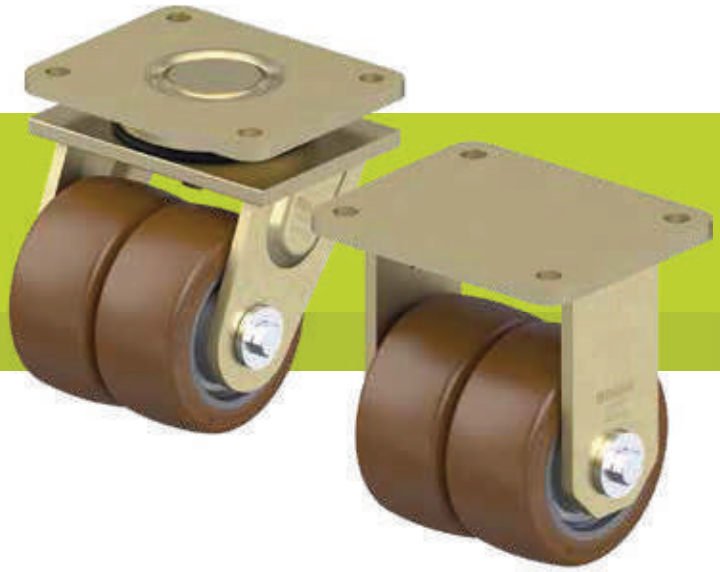
Versions / options



	hydrolysis resistant, with cast nylon wheel centre	electrically conductive version, non-marking	with "Radstop" wheel brake	with directional lock 4 x 90°	with directional lock 4 x 90° (inserted by hand)	with steel foot guard	truck lock
Technical description page	56	50	113	115	115	116	114
Product code suffix	**GSPOB series**	**-ELS**	**-RAH**	**-RI4**	**-RI4H**	**-FS**	**FF 125 / 150 / 160 / 200**
Available for	upon request	up to wheel Ø 300 mm upon request	from wheel Ø 300x100 mm upon request	wheel Ø 125–300x80 mm	from wheel Ø 300x100 mm upon request	wheel Ø 125–250 mm	wheel Ø 125–200x50 mm

LSD-GB, BSD-GB series

Welded steel heavy-duty twin wheel castors, heavy-duty swivel head, wheels with Blickle Besthane® polyurethane tread



810–12,000 kg

Bracket: LSD/BSD series
- particularly robust welded steel construction, zinc-plated, yellow-passivated, Cr6-free

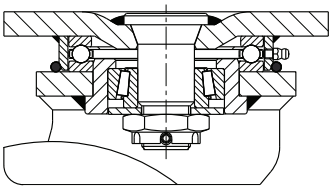
Swivel bracket:
- axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head
- bolted and secured welded central kingpin, extremely strong
- dust and splash-proof
- grease nipple

Wheel: GB series
- tread: high-quality polyurethane elastomer Blickle Besthane®, hardness 92 Shore A, colour brown, non-marking, non-staining
- wheel centre: rugged grey cast iron, with grease nipple from wheel Ø 150 mm, lacquered, colour silver

Additional details:
- bracket series: page 94
- brakes: page 112–113
- wheel series: page 312–313
- bearing types: page 84–85

Blickle Besthane®





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Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LSD-GB 100K	**BSD-GB 100K**	100	2 x 40	810	ball bearing	145	140 x 110	105 x 75–80	11	45
LSD-GB 128K	**BSD-GB 128K**	125	2 x 60	1,500	ball bearing	185	175 x 140	140 x 105	14	50
LSD-GB 150K-35	**BSD-GB 150K-35**	150	2 x 50	1,400	ball bearing	215	175 x 140	140 x 105	14	55
LSD-GB 200K-35	**BSD-GB 200K-35**	200	2 x 50	1,800	ball bearing	260	175 x 140	140 x 105	14	60
LSD-GB 202K	**BSD-GB 202K**	200	2 x 80	2,850	ball bearing	280	255 x 200	210 x 160	18	60
LSD-GB 250K	**BSD-GB 250K**	250	2 x 60	2,700	ball bearing	330	255 x 200	210 x 160	18	70
LSD-GB 252K	**BSD-GB 252K**	250	2 x 80	3,700	ball bearing	330	255 x 200	210 x 160	18	70
LSD-GB 302K	**BSD-GB 302K**	300	2 x 80	4,300	ball bearing	390	255 x 200	210 x 160	18	80
LSD-GB 304K		300	2 x 100	5,400	ball bearing	390	255 x 200	210 x 160	18	80
	BSD-GB 304K	300	2 x 100	5,400	ball bearing	390	300 x 200	210 x 160	18	–
LSD-GB 404K-42	**BSD-GB 404K-42**	400	2 x 100	6,800	ball bearing	530	400 x 300	340 x 240	26	125
LSD-GB 504K	**BSD-GB 504K**	500	2 x 150	12,000	ball bearing	630	400 x 300	340 x 240	26	125

Fixed castors: long side of plate parallel to the wheel axle

Versions / options



	hydrolysis resistant, with cast nylon wheel centre	electrically conductive version, non-marking	with “Radstop” wheel brake	with “Radstop” wheel brake	with directional lock 4 x 90°	with directional lock 4 x 90° (inserted by hand)	with steel foot guard
Technical description page	56	50	113	113	115	115	116
Product code suffix	**GSPOB series**	**-ELS**	**-RA**	**-RAH**	**-RI4**	**-RI4H**	**-FS**
Available for	upon request	up to wheel Ø 300 mm upon request	up to wheel Ø 200x50 mm upon request	from wheel Ø 200x80 mm upon request	wheel Ø 100–200x50 mm upon request	from wheel Ø 200x80 mm upon request	upon request

POBS series

Heavy-duty wheels with Blickle Besthane® Soft polyurethane tread, with nylon wheel centre



140–500 kg

Tread and tyre hardness
75 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
excellent

Wear resistance
very good

Blickle Besthane® Soft

Tread:
- high-quality polyurethane elastomer Blickle Besthane® Soft, hardness 75 Shore A
- extra-thick elastic tread for excellent operational comfort
- very good floor preservation, low-noise operation
- very low rolling resistance
- **high dynamic load capacity**
- high abrasion resistance
- high cut and tear propagation resistance
- colour blue, non-marking, non-staining
- excellent chemical connection with the wheel centre

Wheel centre:
- high-quality nylon 6, impact resistant
- colour black

Other features:
- XKA version: with synthetic thread guard, small
- XKF version: with synthetic thread guard, large
- corrosion and hydrolysis-resistant
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +35 °C

Additional details:
- wheel series: page 68
- tread: page 56
- bearing types: page 84–85
- chemical resistance: page 51

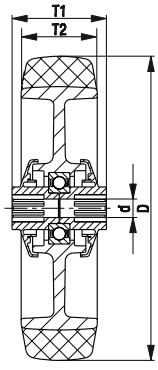
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
POBS 80/8XKF	80	30	140	ball bearing (C)	8	36
POBS 100/8XKA	100	38	200	ball bearing (C)	8	46
POBS 100/10XKA	100	38	200	ball bearing (C)	10	46
POBS 125/8XKA	125	40	250	ball bearing (C)	8	46
POBS 125/10XKA	125	40	250	ball bearing (C)	10	46
POBS 160/12XKA	160	50	400	ball bearing (CC)	12	60
POBS 200/12XKA	200	50	500	ball bearing (CC)	12	60

Versions / options

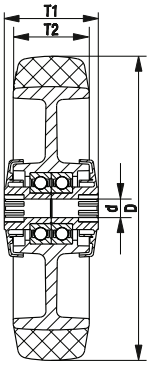


	other shore hardnesses and special colours	stainless steel castors with top plate fitting	stainless steel heavy duty castors with top plate fitting
Technical description page		415	416
Product code suffix		**LEX-POBS series**	**LKX-POBS series**
Available for	upon request	wheel Ø 80–200 mm	wheel Ø 100–200 mm

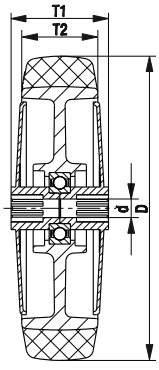
ball bearing (C) version XKA



ball bearing (CC) version XKA



ball bearing (C) version XKF



ALBS series

Heavy-duty wheels with Blickle Besthane® Soft polyurethane tread, with aluminium wheel centre



200–1,150 kg

Tread and tyre hardness
75 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
excellent

Wear resistance
very good

Blickle Besthane® Soft

Tread:
- high-quality polyurethane elastomer Blickle Besthane® Soft, hardness 75 Shore A
- extra-thick elastic tread for excellent operational comfort
- very good floor preservation, low-noise operation
- very low rolling resistance
- **high dynamic load capacity**
- high abrasion resistance
- high cut and tear propagation resistance
- colour blue, non-marking, non-staining
- excellent chemical connection with the wheel centre

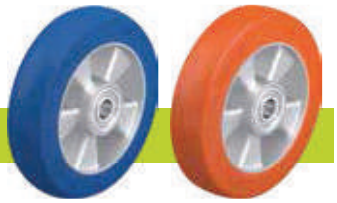
Wheel centre:
- die-cast aluminium

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

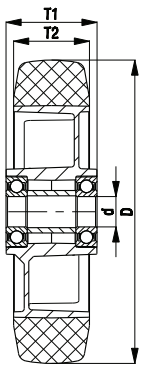
Additional details:
- wheel series: page 68
- tread: page 56
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Load capacity at 16 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
ALBS 80/15K	80	30	200	–	–	ball bearing	15	35
ALBS 82/15K	80	40	230	–	–	ball bearing	15	40
ALBS 100/15K	100	40	320	–	–	ball bearing	15	40
ALBS 125/15K	125	40	370	–	–	ball bearing	15	45
ALBS 127/20K	125	54	450	220	180	ball bearing	20	60
ALBS 150/20K	150	50	500	250	200	ball bearing	20	60
ALBS 160/20K	160	50	580	270	220	ball bearing	20	60
ALBS 181/20K	180	44	450	220	180	ball bearing	20	44
ALBS 180/20K	180	50	670	335	240	ball bearing	20	60
ALBS 200/20K	200	50	750	370	300	ball bearing	20	60
ALBS 250/20K	250	50	850	400	320	ball bearing	20	60
ALBS 250/25K	250	50	850	400	320	ball bearing	25	60
ALBS 300/25K	300	60	1,150	570	460	ball bearing	25	70

Versions / options



	with extremely crowned tread	other shore hardnesses and special colours
Technical description page	55	
Product code suffix	**-CO**	
Available for	wheel Ø 125x40, 160, 200 mm, others upon request	upon request



LK-ALBS, BK-ALBS, BH-ALBS series

Pressed steel castors, heavy-duty design, with top plate, wheel with Blickle Besthane® Soft polyurethane tread

230–600 kg



Blickle Besthane® Soft

Bracket: LK/BK/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 125x50 mm)
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

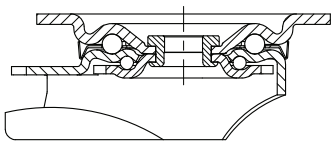
Wheel: ALBS series
- tread: high-quality polyurethane elastomer Blickle Besthane® Soft, hardness 75 Shore A, colour blue, non-marking, non-staining
- wheel centre: die-cast aluminium, colour silver grey

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 319
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-ALBS 82K	**BK-ALBS 82K**	**LK-ALBS 82K-FI**	80	40	230	ball bearing	110	100 x 85	80 x 60	9	40
LK-ALBS 100K-1	**BK-ALBS 100K-1**	**LK-ALBS 100K-1-FI**	100	40	320	ball bearing	130	100 x 85	80 x 60	9	45
LK-ALBS 100K-3	**BK-ALBS 100K-3**	**LK-ALBS 100K-3-FI**	100	40	320	ball bearing	130	140 x 110	105 x 75–80	11	45
LK-ALBS 125K-1	**BK-ALBS 125K-1**	**LK-ALBS 125K-1-FI**	125	40	350	ball bearing	155	100 x 85	80 x 60	9	48
LK-ALBS 125K-3	**BK-ALBS 125K-3**	**LK-ALBS 125K-3-FI**	125	40	350	ball bearing	155	140 x 110	105 x 75–80	11	48
LK-ALBS 127K	**BH-ALBS 127K**	**LK-ALBS 127K-FI**	125	54	450	ball bearing	170	140 x 110	105 x 75–80	11	55
LK-ALBS 150K	**BH-ALBS 150K**	**LK-ALBS 150K-FI**	150	50	500	ball bearing	197	140 x 110	105 x 75–80	11	60
LK-ALBS 160K	**BH-ALBS 160K**	**LK-ALBS 160K-FI**	160	50	580	ball bearing	202	140 x 110	105 x 75–80	11	60
LK-ALBS 180K	**BH-ALBS 180K**	**LK-ALBS 180K-FI**	180	50	600	ball bearing	223	140 x 110	105 x 75–80	11	65
LK-ALBS 200K	**BH-ALBS 200K**	**LK-ALBS 200K-FI**	200	50	600	ball bearing	245	140 x 110	105 x 75–80	11	62

Versions / options













	with extremely crowned tread	with "stop-top" brake	with "central-stop" central brake system	with "ideal-stop" brake total height +17 mm	with directional lock (separate) 1x 360°	with steel foot guard
Technical description page	55	112	113	112	115	116
Product code suffix	**-CO**	**-ST**	**-CS11**	**-IS**	**see ****	**-FS**
Available for	wheel Ø 125x40, 160, 200 mm, others upon request	all	wheel Ø 100–125x40 mm	Ø 100, 125, 160, 200 with plate 140x110*	for wheel Ø and plate dimensions, see**	upon request

* Synthetic adapter plate to balance out total height for swivel and fixed castors without "ideal-stop" brake: **product code AP3-17**

** **RI-05.01** for wheel Ø 80–125 mm with plate 100x85 mm, **RI-03.03** for wheel Ø 100–125x40 mm with plate 140x110 mm, **RI-05.03** for wheel Ø 125x54–200 mm
(Only for swivel castors without brake or swivel castor with "stop-top" and "central-stop" brake upon request)

LKR-ALBS series

Pressed steel castors, heavy-duty design, with bolt hole, wheel with Blickle Besthane® Soft polyurethane tread

230–350 kg



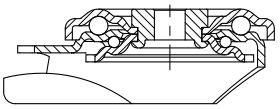
Bracket: LKR series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: ALBS series
- tread: high-quality polyurethane elastomer Blickle Besthane® Soft, hardness 75 Shore A, colour blue, non-marking, non-staining
- wheel centre: die-cast aluminium, colour silver grey

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 319
- bearing types: page 84–85

Blickle Besthane® Soft





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Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LKR-ALBS 82K	**LKR-ALBS 82K-FI**	80	40	230	ball bearing	110	88	13	40
LKR-ALBS 100K	**LKR-ALBS 100K-FI**	100	40	320	ball bearing	130	88	13	45
LKR-ALBS 125K	**LKR-ALBS 125K-FI**	125	40	350	ball bearing	155	88	13	48

Versions / options





	with extremely crowned tread	truck lock
Technical description page	55	114
Product code suffix	**-CO**	**FF 100-1 / FF 125-1**
Available for	wheel Ø 125 mm	wheel Ø 100+125 mm

LH-ALBS, BH-ALBS series

Pressed steel castors, heavy-duty design, with top plate, wheel with Blickle Besthane® Soft polyurethane tread

230–850 kg



Blickle Besthane® Soft

Bracket: LH/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- heavy fork and top plate

Swivel bracket:
- double ball bearing in the swivel head
- bolted and secured central kingpin, extremely strong
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**

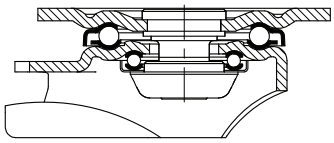
Wheel: ALBS series
- tread: high-quality polyurethane elastomer Blickle Besthane® Soft, hardness 75 Shore A, colour blue, non-marking, non-staining
- wheel centre: die-cast aluminium, colour silver grey

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 319
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-ALBS 82K	**BH-ALBS 82K**	**LH-ALBS 82K-FI**	80	40	230	ball bearing	120	100 x 85	80 x 60	9	45
LH-ALBS 100K-1	**BH-ALBS 100K-1**	**LH-ALBS 100K-1-FI**	100	40	320	ball bearing	140	100 x 85	80 x 60	9	45
LH-ALBS 100K-3	**BH-ALBS 100K-3**	**LH-ALBS 100K-3-FI**	100	40	320	ball bearing	140	140 x 110	105 x 75–80	11	45
LH-ALBS 125K-1	**BH-ALBS 125K-1**	**LH-ALBS 125K-1-FI**	125	40	370	ball bearing	165	100 x 85	80 x 60	9	45
LH-ALBS 125K-3	**BH-ALBS 125K-3**	**LH-ALBS 125K-3-FI**	125	40	370	ball bearing	165	140 x 110	105 x 75–80	11	45
LH-ALBS 127K	**BH-ALBS 127K**	**LH-ALBS 127K-FI**	125	54	450	ball bearing	170	140 x 110	105 x 75–80	11	55
LH-ALBS 150K	**BH-ALBS 150K**	**LH-ALBS 150K-FI**	150	50	500	ball bearing	197	140 x 110	105 x 75–80	11	65
LH-ALBS 160K	**BH-ALBS 160K**	**LH-ALBS 160K-FI**	160	50	580	ball bearing	202	140 x 110	105 x 75–80	11	65
LH-ALBS 180K	**BH-ALBS 180K**	**LH-ALBS 180K-FI**	180	50	670	ball bearing	223	140 x 110	105 x 75–80	11	67
LH-ALBS 200K	**BH-ALBS 200K**	**LH-ALBS 200K-FI**	200	50	750	ball bearing	245	140 x 110	105 x 75–80	11	70
LH-ALBS 250K	**BH-ALBS 250K**	*	250	50	850	ball bearing	295	140 x 110	105 x 75–80	11	82

* "stop-top" brake version, see versions / options

Versions / options













	with extremely crowned tread	with "stop-top" brake	with "central-stop" central brake system	with "ideal-stop" brake total height +17 mm	with directional lock (separate) 1x 360°	with steel foot guard
Technical description page	55	112	113	112	115	116
Product code suffix	**-CO**	**-ST**	**-CS13**	**-IS**	**see *****	**-FS**
Available for	wheel Ø 125x40, 160, 200 mm	all	wheel Ø 160+200 mm	wheel Ø 160+200 mm**	for wheel Ø and plate dimensions, see***	wheel Ø 100–250 mm

** Synthetic adapter plate to balance out total height for swivel and fixed castors without "ideal-stop" brake: **product code AP3-17**

*** **RI-04.01** for wheel Ø 80–125 mm with plate 100x85 mm, **RI-04.03** for wheel Ø 100–125x40 mm with plate 140x110 mm, **RI-05.03** for wheel Ø 125x54–200 mm
(Only for swivel castors without brake or swivel castor with "stop-top" and "central-stop" brake upon request)

LUH-ALBS, BH-ALBS series

Pressed steel castors, heavy-duty design, enclosed, with top plate, wheel with Blickle Besthane® Soft polyurethane tread



450–750 kg

Bracket: LUH/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- four-point ball bearing for extremely heavy loads
- enclosed and sealed swivel head
- particularly resistant to shocks and impact due to **specially-shaped, hardened bearing seats**

Wheel: ALBS series
- tread: high-quality polyurethane elastomer Blickle Besthane® Soft, hardness 75 Shore A, colour blue, non-marking, non-staining
- wheel centre: die-cast aluminium, colour silver grey

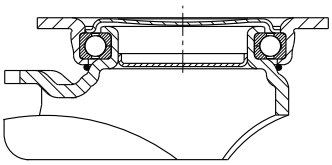
Additional details:
- bracket series: page 93
- brakes: page 112–113
- wheel series: page 319
- bearing types: page 84–85

Blickle Besthane® Soft









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Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LUH-ALBS 127K	**BH-ALBS 127K**	**LUH-ALBS 127K-FI**	125	54	450	ball bearing	170	140 x 110	105 x 75–80	11	55
LUH-ALBS 150K	**BH-ALBS 150K**	**LUH-ALBS 150K-FI**	150	50	500	ball bearing	197	140 x 110	105 x 75–80	11	61
LUH-ALBS 160K	**BH-ALBS 160K**	**LUH-ALBS 160K-FI**	160	50	580	ball bearing	202	140 x 110	105 x 75–80	11	61
LUH-ALBS 200K	**BH-ALBS 200K**	**LUH-ALBS 200K-FI**	200	50	750	ball bearing	245	140 x 110	105 x 75–80	11	63

Versions / options







	with extremely crowned tread	directional lock (separate) 1 x 360°	with steel foot guard
Technical description page	55	115	116
Product code suffix	**-CO**	**RI-05.03**	**-FS**
Available for	wheel Ø 160 + 200 mm	all*	upon request

* Only for swivel castors without brake

Blickle®

LS-ALBS, BS-ALBS series

Welded steel heavy-duty castors, heavy-duty swivel head, wheel with Blickle Besthane® Soft polyurethane tread



450–1,150 kg

Bracket: LS/BS series
- particularly robust welded steel construction, zinc-plated, yellow-passivated, Cr6-free

Swivel bracket:
- axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head
- bolted and secured welded central kingpin, extremely strong
- dust and splash-proof
- grease nipple

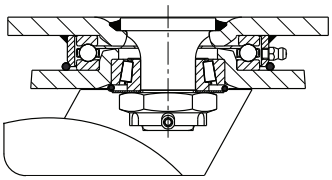
Wheel: ALBS series
- tread: high-quality polyurethane elastomer Blickle Besthane® Soft, hardness 75 Shore A, colour blue, non-marking, non-staining
- wheel centre: die-cast aluminium, colour silver grey

Additional details:
- bracket series: page 94
- brakes: page 112–113
- wheel series: page 319
- bearing types: page 84–85

Blickle Besthane® Soft

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Swivel castors	Fixed castors	Swivel castor with "stop-top" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LS-ALBS 127K	**BS-ALBS 127K**	**LS-ALBS 127K-ST**	125	54	450	ball bearing	170	140 x 110	105 x 75–80	11	50
LS-ALBS 150K	**BS-ALBS 150K**	**LS-ALBS 150K-ST**	150	50	500	ball bearing	200	140 x 110	105 x 75–80	11	55
LS-ALBS 160K	**BS-ALBS 160K**	**LS-ALBS 160K-ST**	160	50	580	ball bearing	205	140 x 110	105 x 75–80	11	55
LS-ALBS 200K	**BS-ALBS 200K**	**LS-ALBS 200K-ST**	200	50	750	ball bearing	245	140 x 110	105 x 75–80	11	60
LS-ALBS 250K	**BS-ALBS 250K**	**LS-ALBS 250K-ST**	250	50	850	ball bearing	305	175 x 140	140 x 105	14	75
LS-ALBS 300K	**BS-ALBS 300K**	**LS-ALBS 300K-ST**	300	60	1,150	ball bearing	355	175 x 140	140 x 105	14	85

Versions / options



	with extremely crowned tread	with directional lock 4 x 90°	with steel foot guard	truck lock
Technical description page	55	115	116	114
Product code suffix	**-CO**	**-RI4**	**-FS**	**FF 125 / 150 / 160 / 200**
Available for	wheel Ø 160–200 mm	all	wheel Ø 125–250 mm	wheel Ø 125–200 mm

LHD-ALBS, BOD-ALBS series

Pressed steel twin wheel castors, heavy-duty design, with top plate, wheels with Blickle Besthane® Soft polyurethane tread

360–800 kg



Bracket: LHD/BOD series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free (fixed bracket: solid welded steel construction)
- heavy fork and top plate

Swivel bracket:
- double ball bearing in the swivel head
- bolted and secured central kingpin, extremely strong
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**

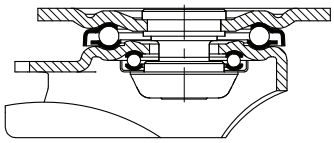
Wheel: ALBS series
- tread: high-quality polyurethane elastomer Blickle Besthane® Soft, hardness 75 Shore A, colour blue, non-marking, non-staining
- wheel centre: die-cast aluminium, colour silver grey

Additional details:
- bracket series: page 93
- wheel series: page 319
- bearing types: page 84–85

Blickle Besthane® Soft







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Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LHD-ALBS 80K		80	2 x 30	360	ball bearing	115	100 x 85	80 x 60	9	45
	BOD-ALBS 80K	80	2 x 30	400	ball bearing	115	140 x 110	105 x 75–80	11	–
LHD-ALBS 100K	**BOD-ALBS 100K**	100	2 x 40	640	ball bearing	145	140 x 110	105 x 75–80	11	45
LHD-ALBS 125K	**BOD-ALBS 125K**	125	2 x 40	740	ball bearing	170	140 x 110	105 x 75–80	11	50
LHD-ALBS 181K	**BOD-ALBS 181K**	180	2 x 44	800	ball bearing	235	140 x 110	105 x 75–80	11	65

Fixed castors: long side of plate parallel to the wheel axle

Versions / options



	truck lock
Technical description page	114
Product code suffix	**FF 100-1 / FF 125-1 / FF 200**
Available for	all from wheel Ø 100 mm*

* FF 200 suitable for LHD-...wheel Ø 180 mm

Blickle®

GVU series

Heavy-duty wheels with Vulkollan® tread, with cast iron wheel centre



450–3,000 kg

Tread and tyre hardness
92 Shore A

Smooth operation / floor preservation
good

Rolling resistance
very good

Wear resistance
excellent

Made of VULKOLLAN®

5

Tread:
- high-quality polyurethane elastomer Vulkollan®, hardness 92 Shore A
- low rolling resistance
- **high dynamic load capacity**
- high abrasion resistance
- high cut and tear propagation resistance
- colour natural, non-marking, non-staining
- excellent chemical connection with the wheel centre

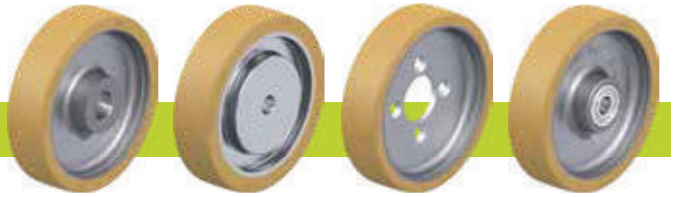
Wheel centre:
- rugged grey cast iron
- with grease nipple from wheel Ø 150 mm
- lacquered, colour silver

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

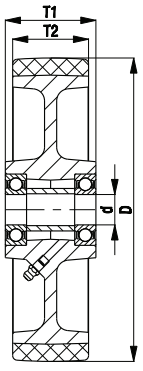
Additional details:
- wheel series: page 68
- tread: page 56
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Load capacity at 16 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
GVU 100/15K	100	40	450	–	–	ball bearing	15	40
GVU 125/15K	125	40	550	–	–	ball bearing	15	45
GVU 127/20K	125	50	700	490	280	ball bearing	20	60
GVU 140/20K	140	54	900	630	360	ball bearing	20	60
GVU 150/20K	150	50	800	560	320	ball bearing	20	60
GVU 160/20K	160	50	800	560	320	ball bearing	20	60
GVU 200/20K	200	50	1,000	700	400	ball bearing	20	60
GVU 200/25K	200	50	1,000	700	400	ball bearing	25	60
GVU 202/25K	200	80	1,600	1,150	640	ball bearing	25	90
GVU 202/35K	200	80	1,600	1,150	640	ball bearing	35	90
GVU 250/25K	250	60	1,250	870	500	ball bearing	25	70
GVU 250/35K	250	60	1,250	870	500	ball bearing	35	70
GVU 252/25K	250	80	1,800	1,250	720	ball bearing	25	90
GVU 252/30K	250	80	2,200	1,500	880	ball bearing	30	90
GVU 302/30K	300	80	2,400	1,650	960	ball bearing	30	90
GVU 302/35K	300	80	2,400	1,650	960	ball bearing	35	90
GVU 304/35K	300	100	3,000	2,100	1,200	ball bearing	35	120
GVU 402/40K	400	80	3,000	2,100	1,200	ball bearing	40	90

Versions / options



	drive wheels with hub keyway	basic wheels with steel wheel centre and hole	hub fitting wheels	other shore hardnesses
Technical description page	76	78		
Product code suffix	**GVUN series**	**Serie VSVU**	**GVUA series**	
Available for	see page 546	see page 553	upon request	upon request



VULKOLLAN® is a registered trademark of Covestro Group



6

Nylon and polypropylene wheels and castors



Selection tool

Nylon and polypropylene wheels and castors







Series	PPN	PP	POW
Tread / wheel centre	Polypropylene		Nylon with elastic solid rubber pads
Tread and tyre hardness	60 Shore D	60 Shore D	70 Shore D
Non-marking	✔	–	✔
Electrical conductivity	optional (PP series)	optional	–
Wheel Ø	60–200 mm	60–200 mm	100–125 mm
Load capacity up to	450 kg	450 kg	220 kg
Low-noise operation	–	–	✔
Use on suitable concrete floors	✔	✔	✔
Chemical resistance	■■■■■	■■■■■	■■■□□
Use in wet areas	■■■■■	■■■■■	■■■■□
For a description of the wheel, refer to	page 332	page 336	page 340
For information about swivel and fixed castors, refer to	page 333–335	page 337–339	page 341–342

■■■■■ excellent ■■■■ very good ■■■ good ■■ satisfactory ■ adequate ✔ yes – no







PO	SPO	GSPO
Nylon		Cast nylon
70 Shore D	70 Shore D	80 Shore D
✔	✔	✔
optional	–	–
50–300 mm	75–250 mm	35–1,000 mm
1,500 kg	2,000 kg	50,000 kg
–	–	–
✔	under certain circumstances	–
■■■■□	■■■■□	■■■■□
■■■■□	■■■■□	■■■■□
page 343–344	page 355–356	page 368
page 345–354	page 357–367	page 369–371

PPN series

Polypropylene wheels, natural white



80–450 kg

Tread and tyre hardness
60 Shore D

Smooth operation / floor preservation
satisfactory

Rolling resistance
very good

Wear resistance
satisfactory

Wheel:
- high-quality polypropylene, impact resistant, hardness 60 Shore D
- low rolling and swivel resistance
- colour natural white

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +60 °C, reduced load capacity over +30 °C

Additional details:
- wheel series: page 68
- tread: page 57
- bearing types: page 84–85
- chemical resistance: page 51

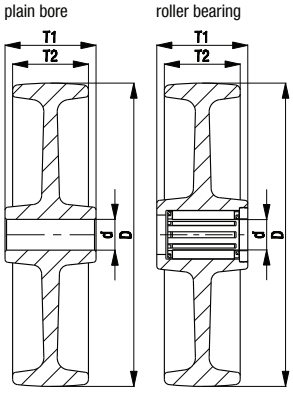
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
PPN 60/12G	60	29	80	plain bore	12	35
PPN 80/12G	80	32	120	plain bore	12	35
PPN 80/12R	80	32	120	roller bearing	12	35
PPN 100/12G	100	37	160	plain bore	12	45
PPN 100/12R	100	37	160	roller bearing	12	45
PPN 125/12G	125	40	200	plain bore	12	45
PPN 125/12R	125	40	200	roller bearing	12	45
PPN 150/20G	150	50	300	plain bore	20	60
PPN 150/20R	150	50	300	roller bearing	20	60
PPN 200/20G	200	50	450	plain bore	20	60
PPN 200/20R	200	50	450	roller bearing	20	60

For other dimensions, see wheel series PO on page 343–344

Versions / options



	electrically conductive version, colour black	with stainless steel roller bearing in the wheel hub	colour black
Technical description page	434	84	69
Product code suffix	**PP...-EL series**	**-XR**	**PP series**
Available for	see page 336	upon request	all see page 336



LE-PPN, B-PPN series

Pressed steel castors with top plate, with polypropylene wheel, natural white



80–300 kg

Bracket: LE/B series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

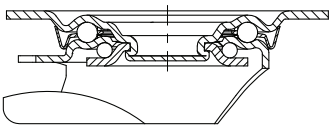
Wheel: PPN series
- high-quality polypropylene, impact resistant, hardness 60 Shore D, colour natural white

Additional details:
- bracket series: page 90
- brakes: page 112–113
- wheel series: page 332
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LE-PPN 60G	**B-PPN 60G**		60	29	80	plain bore	80	100 x 85	80 x 60	9	35
LE-PPN 80G	**B-PPN 80G**	**LE-PPN 80G-FI**	80	32	120	plain bore	102	100 x 85	80 x 60	9	38
LE-PPN 80R	**B-PPN 80R**	**LE-PPN 80R-FI**	80	32	120	roller bearing	102	100 x 85	80 x 60	9	38
LE-PPN 100G	**B-PPN 100G**	**LE-PPN 100G-FI**	100	37	150	plain bore	125	100 x 85	80 x 60	9	36
LE-PPN 100R	**B-PPN 100R**	**LE-PPN 100R-FI**	100	37	150	roller bearing	125	100 x 85	80 x 60	9	36
LE-PPN 125G	**B-PPN 125G**	**LE-PPN 125G-FI**	125	40	150	plain bore	150	100 x 85	80 x 60	9	38
LE-PPN 125R	**B-PPN 125R**	**LE-PPN 125R-FI**	125	40	150	roller bearing	150	100 x 85	80 x 60	9	38
LE-PPN 150G	**B-PPN 150G**	**LE-PPN 150G-FI**	150	50	300	plain bore	190	140 x 110	105 x 75–80	11	54
LE-PPN 150R	**B-PPN 150R**	**LE-PPN 150R-FI**	150	50	300	roller bearing	190	140 x 110	105 x 75–80	11	54
LE-PPN 200G	**B-PPN 200G**	**LE-PPN 200G-FI**	200	50	300	plain bore	235	140 x 110	105 x 75–80	11	54
LE-PPN 200R	**B-PPN 200R**	**LE-PPN 200R-FI**	200	50	300	roller bearing	235	140 x 110	105 x 75–80	11	54

Versions / options



	electrically conductive version, colour black	with thread guard, pressed steel, zinc-plated	with "stop-top" brake	directional lock (separate) 1 x 360°	directional lock (separate) 1 x 360°	with steel foot guard
Technical description page	434	116	112	115	115	116
Product code suffix	**PP...-EL series**	**-FA**	**-ST**	**RI-03.01**	**RI-03.03**	**-FS**
Available for	see page 337	wheel Ø 80–200 mm	wheel Ø 150–200 mm	wheel Ø 100–125 mm*	wheel Ø 150–200 mm*	wheel Ø 100–200 mm upon request

* Only for swivel castors without brake or swivel castor with "stop-top" brake upon request

LER-PPN series

Pressed steel castors with bolt hole, with polypropylene wheel, natural white



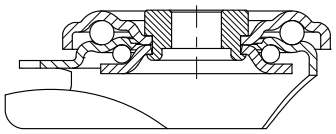
80–300 kg

Bracket: LER series
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: PPN series
- high-quality polypropylene, impact resistant, hardness 60 Shore D, colour natural white

Additional details:
- bracket series: page 91
- brakes: page 112–113
- wheel series: page 332
- bearing types: page 84–85





6

Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LER-PPN 60G		60	29	80	plain bore	80	70	13	35
LER-PPN 80G	**LER-PPN 80G-FI**	80	32	120	plain bore	102	70	13	38
LER-PPN 80R	**LER-PPN 80R-FI**	80	32	120	roller bearing	102	70	13	38
LER-PPN 100G	**LER-PPN 100G-FI**	100	37	150	plain bore	125	70	13	36
LER-PPN 100R	**LER-PPN 100R-FI**	100	37	150	roller bearing	125	70	13	36
LER-PPN 125G	**LER-PPN 125G-FI**	125	40	150	plain bore	150	70	13	38
LER-PPN 125R	**LER-PPN 125R-FI**	125	40	150	roller bearing	150	70	13	38
LER-PPN 150G	**LER-PPN 150G-FI**	150	50	300	plain bore	190	88	13	54
LER-PPN 150R	**LER-PPN 150R-FI**	150	50	300	roller bearing	190	88	13	54
LER-PPN 200G	**LER-PPN 200G-FI**	200	50	300	plain bore	235	88	13	54
LER-PPN 200R	**LER-PPN 200R-FI**	200	50	300	roller bearing	235	88	13	54

Versions / options



	electrically conductive version, colour black	with thread guard, pressed steel, zinc-plated	with steel foot guard	truck lock
Technical description page	434	116	116	114
Product code suffix	**PP...-EL series**	**-FA**	**-FS**	**FF 100-1 / FF 125-1**
Available for	see page 338	wheel Ø 80–200 mm	wheel Ø 100–200 mm upon request	wheel Ø 100+125 mm

L-PPN, B-PPN series

Pressed steel castors, medium-duty version, with top plate, with polypropylene wheel, natural white

120–400 kg



Bracket: L/B series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 150 mm)
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

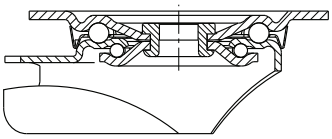
Wheel: PPN series
- high-quality polypropylene, impact resistant, hardness 60 Shore D, colour natural white

Additional details:
- bracket series: page 91
- brakes: page 112–113
- wheel series: page 332
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-PPN 80G	**B-PPN 80G**	**L-PPN 80G-FI**	80	32	120	plain bore	102	100 x 85	80 x 60	9	38
L-PPN 80R	**B-PPN 80R**	**L-PPN 80R-FI**	80	32	120	roller bearing	102	100 x 85	80 x 60	9	38
L-PPN 100G	**B-PPN 100G**	**L-PPN 100G-FI**	100	37	160	plain bore	125	100 x 85	80 x 60	9	36
L-PPN 100R	**B-PPN 100R**	**L-PPN 100R-FI**	100	37	160	roller bearing	125	100 x 85	80 x 60	9	36
L-PPN 125G	**B-PPN 125G**	**L-PPN 125G-FI**	125	40	200	plain bore	150	100 x 85	80 x 60	9	38
L-PPN 125R	**B-PPN 125R**	**L-PPN 125R-FI**	125	40	200	roller bearing	150	100 x 85	80 x 60	9	38
L-PPN 150G	**B-PPN 150G**	**L-PPN 150G-FI**	150	50	300	plain bore	190	140 x 110	105 x 75–80	11	60
L-PPN 150R	**B-PPN 150R**	**L-PPN 150R-FI**	150	50	300	roller bearing	190	140 x 110	105 x 75–80	11	60
L-PPN 200G	**B-PPN 200G**	**L-PPN 200G-FI**	200	50	400	plain bore	235	140 x 110	105 x 75–80	11	65
L-PPN 200R	**B-PPN 200R**	**L-PPN 200R-FI**	200	50	400	roller bearing	235	140 x 110	105 x 75–80	11	65

Versions / options













	electrically conductive version, colour black	with thread guard, pressed steel, zinc-plated	with "stop-top" brake	directional lock (separate) 1 x 360°	directional lock (separate) 1 x 360°	with steel foot guard
Technical description page	434	116	112	115	115	116
Product code suffix	**PP...-EL series**	**-FA**	**-ST**	**RI-03.01**	**RI-05.03**	**-FS**
Available for	see page 339	all	all	wheel Ø 100–125 mm*	wheel Ø 150–200 mm*	wheel Ø 100–200 mm upon request

* Only for swivel castors without brake or swivel castor with "stop-top" brake upon request

PP series

Polypropylene wheels, black



80–450 kg

Tread and tyre hardness
60 Shore D

Smooth operation / floor preservation
satisfactory

Rolling resistance
very good

Wear resistance
satisfactory

Wheel:
- high-quality polypropylene, impact resistant, hardness 60 Shore D
- low rolling and swivel resistance
- colour black

Other features:
- KA version: with synthetic thread guard, small
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +60 °C, reduced load capacity over +30 °C

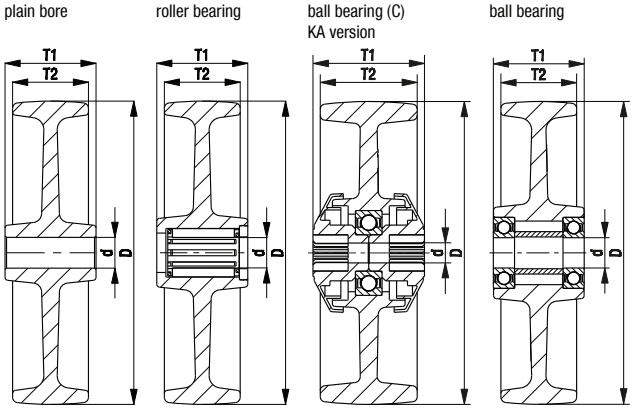
Additional details:
- wheel series: page 69
- tread: page 57
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
PP 60/12G	60	29	80	plain bore	12	35
PP 80/12G	80	32	120	plain bore	12	35
PP 80/12R	80	32	120	roller bearing	12	35
PP 100/12G	100	37	160	plain bore	12	45
PP 100/12R	100	37	160	roller bearing	12	45
PP 100/8KA	100	37	160	ball bearing (C)	8	46
PP 125/12G	125	40	200	plain bore	12	45
PP 125/12R	125	40	200	roller bearing	12	45
PP 125/8KA	125	40	200	ball bearing (C)	8	46
PP 150/20G	150	50	300	plain bore	20	60
PP 150/20R	150	50	300	roller bearing	20	60
PP 150/20K	150	50	300	ball bearing	20	60
PP 200/20G	200	50	450	plain bore	20	60
PP 200/20R	200	50	450	roller bearing	20	60
PP 200/20K	200	50	450	ball bearing	20	60

Versions / options



	electrically conductive version, colour black	with stainless steel roller bearing in the wheel hub	colour natural white
Technical description page	434	84	332
Product code suffix	**-EL**	**-XR**	**PPN series**
Available for	all ball bearing versions	upon request	see page 332



LE-PP, B-PP series

Pressed steel castors with top plate, with polypropylene wheel, black



80–300 kg

Bracket: LE/B series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

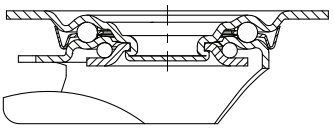
Wheel: PP series
- high-quality polypropylene, impact resistant, hardness 60 Shore D, colour black

Additional details:
- bracket series: page 90
- brakes: page 112–113
- wheel series: page 336
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LE-PP 60G	**B-PP 60G**		60	29	80	plain bore	80	100 x 85	80 x 60	9	35
LE-PP 80G	**B-PP 80G**	**LE-PP 80G-FI**	80	32	120	plain bore	102	100 x 85	80 x 60	9	38
LE-PP 80R	**B-PP 80R**	**LE-PP 80R-FI**	80	32	120	roller bearing	102	100 x 85	80 x 60	9	38
LE-PP 100G	**B-PP 100G**	**LE-PP 100G-FI**	100	37	150	plain bore	125	100 x 85	80 x 60	9	36
LE-PP 100R	**B-PP 100R**	**LE-PP 100R-FI**	100	37	150	roller bearing	125	100 x 85	80 x 60	9	36
LE-PP 100KA	**B-PP 100KA**	**LE-PP 100KA-FI**	100	37	150	ball bearing (C)	125	100 x 85	80 x 60	9	36
LE-PP 125G	**B-PP 125G**	**LE-PP 125G-FI**	125	40	150	plain bore	150	100 x 85	80 x 60	9	38
LE-PP 125R	**B-PP 125R**	**LE-PP 125R-FI**	125	40	150	roller bearing	150	100 x 85	80 x 60	9	38
LE-PP 125KA	**B-PP 125KA**	**LE-PP 125KA-FI**	125	40	150	ball bearing (C)	150	100 x 85	80 x 60	9	38
LE-PP 150G	**B-PP 150G**	**LE-PP 150G-FI**	150	50	300	plain bore	190	140 x 110	105 x 75–80	11	54
LE-PP 150R	**B-PP 150R**	**LE-PP 150R-FI**	150	50	300	roller bearing	190	140 x 110	105 x 75–80	11	54
LE-PP 150K	**B-PP 150K**	**LE-PP 150K-FI**	150	50	300	ball bearing	190	140 x 110	105 x 75–80	11	54
LE-PP 200G	**B-PP 200G**	**LE-PP 200G-FI**	200	50	300	plain bore	235	140 x 110	105 x 75–80	11	54
LE-PP 200R	**B-PP 200R**	**LE-PP 200R-FI**	200	50	300	roller bearing	235	140 x 110	105 x 75–80	11	54
LE-PP 200K	**B-PP 200K**	**LE-PP 200K-FI**	200	50	300	ball bearing	235	140 x 110	105 x 75–80	11	54

Versions / options



	electrically conductive version, colour black	with thread guard, pressed steel, zinc-plated	with "stop-top" brake	directional lock (separate) 1 x 360°	directional lock (separate) 1 x 360°	with steel foot guard
Technical description page	434	116	112	115	115	116
Product code suffix	**-EL**	**-FA**	**-ST**	**RI-03.01**	**RI-03.03**	**-FS**
Available for	all ball bearing versions	wheel Ø 80–200 mm	wheel Ø 150–200 mm	wheel Ø 100–125 mm*	wheel Ø 150–200 mm*	wheel Ø 100–200 mm upon request

* Only for swivel castors without brake or swivel castor with "stop-top" brake upon request

LER-PP series

Pressed steel castors with bolt hole, with polypropylene wheel, black



80–300 kg

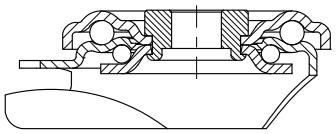
Bracket: LER series
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: PP series
- high-quality polypropylene, impact resistant, hardness 60 Shore D, colour black

Additional details:
- bracket series: page 91
- brakes: page 112–113
- wheel series: page 336
- bearing types: page 84–85







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Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LER-PP 60G		60	29	80	plain bore	80	70	13	35
LER-PP 80G	**LER-PP 80G-FI**	80	32	120	plain bore	102	70	13	38
LER-PP 80R	**LER-PP 80R-FI**	80	32	120	roller bearing	102	70	13	38
LER-PP 100G	**LER-PP 100G-FI**	100	37	150	plain bore	125	70	13	36
LER-PP 100R	**LER-PP 100R-FI**	100	37	150	roller bearing	125	70	13	36
LER-PP 100KA	**LER-PP 100KA-FI**	100	37	150	ball bearing (C)	125	70	13	36
LER-PP 125G	**LER-PP 125G-FI**	125	40	150	plain bore	150	70	13	38
LER-PP 125R	**LER-PP 125R-FI**	125	40	150	roller bearing	150	70	13	38
LER-PP 125KA	**LER-PP 125KA-FI**	125	40	150	ball bearing (C)	150	70	13	38
LER-PP 150G	**LER-PP 150G-FI**	150	50	300	plain bore	190	88	13	54
LER-PP 150R	**LER-PP 150R-FI**	150	50	300	roller bearing	190	88	13	54
LER-PP 150K	**LER-PP 150K-FI**	150	50	300	ball bearing	190	88	13	54
LER-PP 200G	**LER-PP 200G-FI**	200	50	300	plain bore	235	88	13	54
LER-PP 200R	**LER-PP 200R-FI**	200	50	300	roller bearing	235	88	13	54
LER-PP 200K	**LER-PP 200K-FI**	200	50	300	ball bearing	235	88	13	54

Versions / options









	electrically conductive version, colour black	with thread guard, pressed steel, zinc-plated	with steel foot guard	truck lock
Technical description page	434	116	116	114
Product code suffix	**-EL**	**-FA**	**-FS**	**FF 100-1 / FF 125-1**
Available for	all ball bearing versions	wheel Ø 80–200 mm	wheel Ø 100–200 mm upon request	wheel Ø 100+125 mm

L-PP, B-PP series

Pressed steel castors, medium-duty version, with top plate, with polypropylene wheel, black



120–400 kg

Bracket: L/B series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 150 mm)
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

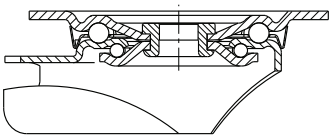
Wheel: PP series
- high-quality polypropylene, impact resistant, hardness 60 Shore D, colour black

Additional details:
- bracket series: page 91
- brakes: page 112–113
- wheel series: page 336
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-PP 80G	**B-PP 80G**	**L-PP 80G-FI**	80	32	120	plain bore	102	100 x 85	80 x 60	9	38
L-PP 80R	**B-PP 80R**	**L-PP 80R-FI**	80	32	120	roller bearing	102	100 x 85	80 x 60	9	38
L-PP 100G	**B-PP 100G**	**L-PP 100G-FI**	100	37	160	plain bore	125	100 x 85	80 x 60	9	36
L-PP 100R	**B-PP 100R**	**L-PP 100R-FI**	100	37	160	roller bearing	125	100 x 85	80 x 60	9	36
L-PP 100KA	**B-PP 100KA**	**L-PP 100KA-FI**	100	37	160	ball bearing (C)	125	100 x 85	80 x 60	9	36
L-PP 125G	**B-PP 125G**	**L-PP 125G-FI**	125	40	200	plain bore	150	100 x 85	80 x 60	9	38
L-PP 125R	**B-PP 125R**	**L-PP 125R-FI**	125	40	200	roller bearing	150	100 x 85	80 x 60	9	38
L-PP 125KA	**B-PP 125KA**	**L-PP 125KA-FI**	125	40	200	ball bearing (C)	150	100 x 85	80 x 60	9	38
L-PP 150G	**B-PP 150G**	**L-PP 150G-FI**	150	50	300	plain bore	190	140 x 110	105 x 75–80	11	60
L-PP 150R	**B-PP 150R**	**L-PP 150R-FI**	150	50	300	roller bearing	190	140 x 110	105 x 75–80	11	60
L-PP 150K	**B-PP 150K**	**L-PP 150K-FI**	150	50	300	ball bearing	190	140 x 110	105 x 75–80	11	60
L-PP 200G	**B-PP 200G**	**L-PP 200G-FI**	200	50	400	plain bore	235	140 x 110	105 x 75–80	11	65
L-PP 200R	**B-PP 200R**	**L-PP 200R-FI**	200	50	400	roller bearing	235	140 x 110	105 x 75–80	11	65
L-PP 200K	**B-PP 200K**	**L-PP 200K-FI**	200	50	400	ball bearing	235	140 x 110	105 x 75–80	11	65

Versions / options



	electrically conductive version, colour black	with thread guard, pressed steel, zinc-plated	with "stop-top" brake	directional lock (separate) 1 x 360°	directional lock (separate) 1 x 360°	with steel foot guard
Technical description page	434	116	112	115	115	116
Product code suffix	**-EL**	**-FA**	**-ST**	**RI-03.01**	**RI-05.03**	**-FS**
Available for	all ball bearing versions	all	all	wheel Ø 100–125 mm*	wheel Ø 150–200 mm*	wheel Ø 100–200 mm upon request

* Only for swivel castors without brake or swivel castor with "stop-top" brake upon request

Blickle®

POW series

Low-noise nylon wheels with rubber damping ring



200–220 kg

Tread and tyre hardness
70 Shore D

Smooth operation / floor preservation
satisfactory

Rolling resistance
very good

Wear resistance
good

Tread:
- high-quality nylon 6, impact resistant, hardness 70 Shore D
- low-noise operation (-10 decibels) with elastic cushion layer made from elastic solid rubber, colour red
- easy operation on smooth surfaces
- low rolling resistance
- high abrasion resistance
- colour white

Other features:
- KF version: with synthetic thread guard, large
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +80 °C, reduced load capacity over +35 °C

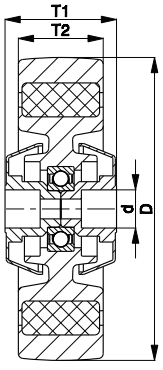
Additional details:
- wheel series: page 69
- tread: page 57
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
POW 100/8KF	100	35	200	ball bearing (C)	8	46
POW 100/10KF	100	35	200	ball bearing (C)	10	46
POW 125/8KF	125	35	220	ball bearing (C)	8	46
POW 125/10KF	125	35	220	ball bearing (C)	10	46

Versions / options



	large thread guard with additional ball bearing seals
Technical description page	85
Product code suffix	**-KFD**
Available for	POW 100/8KF + POW 125/8KF



L-POW, B-POW series

Pressed steel castors, medium-duty version, with top plate, with low noise nylon wheel



200–220 kg

Bracket: L/B series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

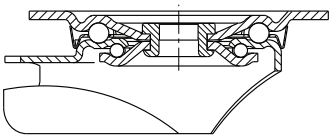
Wheel: POW series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour white
- low-noise operation (-10 decibels) with elastic cushion layer made from elastic solid rubber, colour red

Additional details:
- bracket series: page 91
- brakes: page 112–113
- wheel series: page 340
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-POW 100KF	**B-POW 100KF**	**L-POW 100KF-FI**	100	35	200	ball bearing (C)	125	100 x 85	80 x 60	9	36
L-POW 125KF	**B-POW 125KF**	**L-POW 125KF-FI**	125	35	220	ball bearing (C)	150	100 x 85	80 x 60	9	38

Versions / options





	directional lock (separate) 1 x 360°	large thread guard with additional ball bearing seals
Technical description page	115	85
Product code suffix	**RI-03.01**	**-KFD**
Available for	all*	upon request

* Only for swivel castors without brake

LK-POW, BK-POW series

Pressed steel castors, heavy-duty design, with top plate, with low noise nylon wheel



200–220 kg

Bracket: LK/BK series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

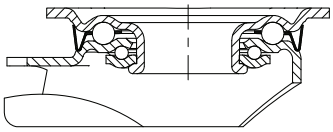
Wheel: POW series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour white
- low-noise operation (-10 decibels) with elastic cushion layer made from elastic solid rubber, colour red

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 340
- bearing types: page 84–85









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Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-POW 100KF-1	**BK-POW 100KF-1**	**LK-POW 100KF-1-FI**	100	35	200	ball bearing (C)	130	100 x 85	80 x 60	9	45
LK-POW 100KF-3	**BK-POW 100KF-3**	**LK-POW 100KF-3-FI**	100	35	200	ball bearing (C)	130	140 x 110	105 x 75–80	11	45
LK-POW 125KF-1	**BK-POW 125KF-1**	**LK-POW 125KF-1-FI**	125	35	220	ball bearing (C)	155	100 x 85	80 x 60	9	48
LK-POW 125KF-3	**BK-POW 125KF-3**	**LK-POW 125KF-3-FI**	125	35	220	ball bearing (C)	155	140 x 110	105 x 75–80	11	48

Versions / options



	directional lock (separate) 1 x 360°	directional lock (separate) 1 x 360°
Technical description page	115	115
Product code suffix	**RI-05.01**	**RI-03.03**
Available for	all with plate 100x85 mm *	all with plate 140x110 mm *

* Only for swivel castors without brake

PO series, wheel Ø 50–125x40 mm

Nylon wheels



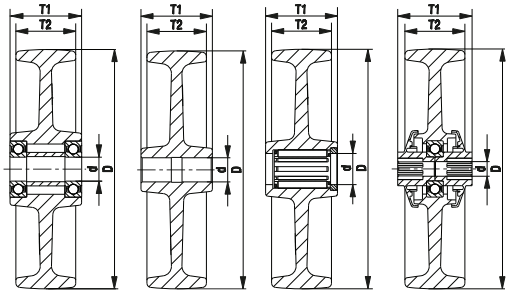
75–300 kg

Tread and tyre hardness
70 Shore D

Smooth operation / floor preservation
satisfactory

Rolling resistance
excellent

Wear resistance
good



ball bearing | plain bore | roller bearing | ball bearing (C) version KA

Wheel:
- high-quality nylon 6, impact resistant, hardness 70 Shore D
- excellent rolling and swivel resistance
- easy operation on smooth surfaces
- high abrasion resistance
- colour natural white

Other features:
- KA version: with synthetic thread guard, small
- KF version: with synthetic thread guard, large
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +80 °C, reduced load capacity over +35 °C

Additional details:
- wheel series: page 69
- tread: page 57
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
PO 50/8G	50	18	75	plain bore	8	22
PO 60/12G	60	29	150	plain bore	12	35
PO 60/8KF	60	32	150	ball bearing (C)	8	36
PO 76/8G	75	23	100	plain bore	8	29.5
PO 75/12G	75	32	200	plain bore	12	35
PO 75/12-45G	75	32	200	plain bore	12	45
PO 75/12R	75	32	200	roller bearing	12	35
PO 80/12G	80	32	220	plain bore	12	35
PO 80/12R	80	32	220	roller bearing	12	35
PO 80/8KA	80	32	220	ball bearing (C)	8	36
PO 82/15G	80	37	230	plain bore	15	45
PO 82/15R	80	37	230	roller bearing	15	45
PO 82/15K	80	37	250	ball bearing	15	45
PO 101/12G	100	32	240	plain bore	12	35
PO 100/12G	100	37	280	plain bore	12	45
PO 100/15G	100	37	280	plain bore	15	45
PO 100/12R	100	37	280	roller bearing	12	45
PO 100/15R	100	37	280	roller bearing	15	45
PO 100/8KA	100	37	280	ball bearing (C)	8	46
PO 100/10KA	100	37	280	ball bearing (C)	10	46
PO 126/12G	125	32	260	plain bore	12	35
PO 125/12G	125	40	300	plain bore	12	45
PO 125/15G	125	40	300	plain bore	15	45
PO 125/20G	125	40	300	plain bore	20	45
PO 125/12R	125	40	300	roller bearing	12	45
PO 125/15R	125	40	300	roller bearing	15	45
PO 125/8KA	125	40	300	ball bearing (C)	8	46
PO 125/10KA	125	40	300	ball bearing (C)	10	46

For other wheel Ø, see next page

Versions / options



	electrically conductive version, non-marking grey	with stainless steel roller bearing in the wheel hub	with stainless steel ball bearing and thread guard	wheel in special colour blue
Technical description page	50	84	84–85	
Product code suffix	**-ELS**	**-XR**	**-XKA / -XKF**	**-C5017**
Available for	see series PO...-ELS (page 435)	all roller bearing wheels	version ball bearing (C)	PO 100/12G, PO 125/15G

PO series, wheel Ø 125x50–300 mm

Nylon wheels



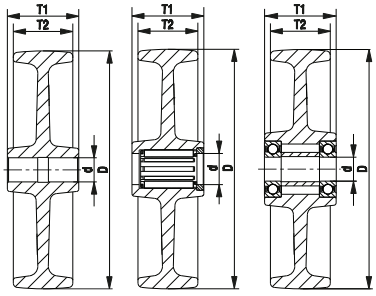
350–1,500 kg

Tread and tyre hardness
70 Shore D

Smooth operation / floor preservation
satisfactory

Rolling resistance
excellent

Wear resistance
good



plain bore | roller bearing | ball bearing

Wheel:
- high-quality nylon 6, impact resistant, hardness 70 Shore D
- excellent rolling and swivel resistance
- easy operation on smooth surfaces
- high abrasion resistance
- colour natural white

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +80 °C, reduced load capacity over +35 °C

Additional details:
- wheel series: page 69
- tread: page 57
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
PO 127/20R	125	50	400	roller bearing	20	60
PO 127/20K	125	50	400	ball bearing	20	60
PO 151/15G	150	40	350	plain bore	15	50
PO 151/20G	150	40	350	plain bore	20	50
PO 150/20G	150	50	400	plain bore	20	60
PO 150/20R	150	50	400	roller bearing	20	60
PO 150/20K	150	50	400	ball bearing	20	60
PO 160/20G	160	50	450	plain bore	20	60
PO 160/20R	160	50	450	roller bearing	20	60
PO 160/20K	160	50	450	ball bearing	20	60
PO 175/20G	175	50	500	plain bore	20	60
PO 175/20R	175	50	500	roller bearing	20	60
PO 175/20K	175	50	500	ball bearing	20	60
PO 201/15G	200	40	500	plain bore	15	50
PO 201/20G	200	40	500	plain bore	20	50
PO 200/20G	200	50	600	plain bore	20	60
PO 200/20R	200	50	600	roller bearing	20	60
PO 200/20K	200	50	600	ball bearing	20	60
PO 200/25K	200	50	600	ball bearing	25	60
PO 250/25G	250	50	1,000	plain bore	25	60
PO 250/25K	250	50	1,000	ball bearing	25	60
PO 300/30G	300	55	1,500	plain bore	30	65
PO 300/30K	300	55	1,500	ball bearing	30	65

Versions / options



	electrically conductive version, non-marking grey	with grease nipple	with stainless steel roller bearing in the wheel hub	with stainless steel ball bearing in the wheel hub	wheel in special colour blue
Technical description page	50		84	84	
Product code suffix	**-ELS**	**-NI**	**-XR**	**-XK**	**-C5017**
Available for	see series PO...-ELS (page 435)	upon request	all roller bearing wheels	all ball bearing wheels	PO 151/20G, PO 200/20G

LE-PO, B-PO series

Pressed steel castors with top plate, with nylon wheel



150–300 kg

Bracket: LE/B series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

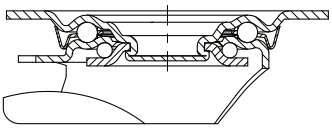
Wheel: PO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour natural white

Additional details:
- bracket series: page 90
- brakes: page 112–113
- wheel series: page 343–344
- bearing types: page 84–85









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Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LE-PO 60G	**B-PO 60G**	**LE-PO 60G-RA ***	60	29	150	plain bore	80	100 x 85	80 x 60	9	35
LE-PO 60KF	**B-PO 60KF**	**LE-PO 60KF-RA ***	60	32	150	ball bearing (C)	80	100 x 85	80 x 60	9	35
LE-PO 75G	**B-PO 75G**	**LE-PO 75G-FI**	75	32	150	plain bore	100	100 x 85	80 x 60	9	38
LE-PO 75R	**B-PO 75R**	**LE-PO 75R-FI**	75	32	150	roller bearing	100	100 x 85	80 x 60	9	38
LE-PO 80G	**B-PO 80G**	**LE-PO 80G-FI**	80	32	150	plain bore	102	100 x 85	80 x 60	9	38
LE-PO 80R	**B-PO 80R**	**LE-PO 80R-FI**	80	32	150	roller bearing	102	100 x 85	80 x 60	9	38
LE-PO 80KA	**B-PO 80KA**	**LE-PO 80KA-FI**	80	32	150	ball bearing (C)	102	100 x 85	80 x 60	9	38
LE-PO 100G	**B-PO 100G**	**LE-PO 100G-FI**	100	37	150	plain bore	125	100 x 85	80 x 60	9	36
LE-PO 100R	**B-PO 100R**	**LE-PO 100R-FI**	100	37	150	roller bearing	125	100 x 85	80 x 60	9	36
LE-PO 100KA	**B-PO 100KA**	**LE-PO 100KA-FI**	100	37	150	ball bearing (C)	125	100 x 85	80 x 60	9	36
LE-PO 125G	**B-PO 125G**	**LE-PO 125G-FI**	125	40	150	plain bore	150	100 x 85	80 x 60	9	38
LE-PO 125R	**B-PO 125R**	**LE-PO 125R-FI**	125	40	150	roller bearing	150	100 x 85	80 x 60	9	38
LE-PO 125KA	**B-PO 125KA**	**LE-PO 125KA-FI**	125	40	150	ball bearing (C)	150	100 x 85	80 x 60	9	38
LE-PO 150G	**B-PO 150G**	**LE-PO 150G-FI**	150	50	300	plain bore	190	140 x 110	105 x 75–80	11	54
LE-PO 150R	**B-PO 150R**	**LE-PO 150R-FI**	150	50	300	roller bearing	190	140 x 110	105 x 75–80	11	54
LE-PO 160G	**B-PO 160G**	**LE-PO 160G-FI**	160	50	300	plain bore	195	140 x 110	105 x 75–80	11	54
LE-PO 160R	**B-PO 160R**	**LE-PO 160R-FI**	160	50	300	roller bearing	195	140 x 110	105 x 75–80	11	54
LE-PO 175G	**B-PO 175G**	**LE-PO 175G-FI**	175	50	300	plain bore	213	140 x 110	105 x 75–80	11	54
LE-PO 175R	**B-PO 175R**	**LE-PO 175R-FI**	175	50	300	roller bearing	213	140 x 110	105 x 75–80	11	54
LE-PO 200G	**B-PO 200G**	**LE-PO 200G-FI**	200	50	300	plain bore	235	140 x 110	105 x 75–80	11	54
LE-PO 200R	**B-PO 200R**	**LE-PO 200R-FI**	200	50	300	roller bearing	235	140 x 110	105 x 75–80	11	54

* "Radstop" brake version

For stainless steel versions, see page 417

Versions / options



	"Radstop" wheel brake	electrically conductive version, non-marking grey	with thread guard, pressed steel, zinc-plated	with "stop-top" brake	with directional lock (separate) 1x 360°	with stainless steel ball bearing and small thread guard	with steel foot guard
Technical description page		50	116	112	115	85	116
Product code suffix		**-ELS**	**-FA**	**-ST**	**see ****	**-XKA**	**-FS**
Available for		see series PO...-ELS (page 435)	wheel Ø 75–200 mm	wheel Ø 150–200 mm	for wheel Ø and plate dimensions, see**	version ball bearing (C) upon request	upon request

** **RI-03.01** for wheel Ø 75, 100, 125 mm, **RI-03.03** for wheel Ø 150–200 mm (Only for swivel castors without brake or swivel castor with "stop-top" brake upon request)

Blickle®

LER-PO series

Pressed steel castors with bolt hole, with nylon wheel

150–300 kg



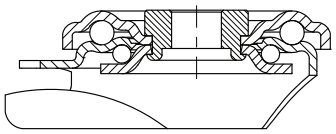
Bracket: LER series
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: PO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour natural white

Additional details:
- bracket series: page 91
- brakes: page 112–113
- wheel series: page 343–344
- bearing types: page 84–85







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Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LER-PO 60G	**LER-PO 60G-RA ***	60	29	150	plain bore	80	70	13	35
LER-PO 60KF	**LER-PO 60KF-RA ***	60	32	150	ball bearing (C)	80	70	13	35
LER-PO 75G	**LER-PO 75G-FI**	75	32	150	plain bore	100	70	13	38
LER-PO 75R	**LER-PO 75R-FI**	75	32	150	roller bearing	100	70	13	38
LER-PO 80G	**LER-PO 80G-FI**	80	32	150	plain bore	102	70	13	38
LER-PO 80R	**LER-PO 80R-FI**	80	32	150	roller bearing	102	70	13	38
LER-PO 80KA	**LER-PO 80KA-FI**	80	32	150	ball bearing (C)	102	70	13	38
LER-PO 100G	**LER-PO 100G-FI**	100	37	150	plain bore	125	70	13	36
LER-PO 100R	**LER-PO 100R-FI**	100	37	150	roller bearing	125	70	13	36
LER-PO 100KA	**LER-PO 100KA-FI**	100	37	150	ball bearing (C)	125	70	13	36
LER-PO 125G	**LER-PO 125G-FI**	125	40	150	plain bore	150	70	13	38
LER-PO 125R	**LER-PO 125R-FI**	125	40	150	roller bearing	150	70	13	38
LER-PO 125KA	**LER-PO 125KA-FI**	125	40	150	ball bearing (C)	150	70	13	38
LER-PO 150G	**LER-PO 150G-FI**	150	50	300	plain bore	190	88	13	54
LER-PO 150R	**LER-PO 150R-FI**	150	50	300	roller bearing	190	88	13	54
LER-PO 160G	**LER-PO 160G-FI**	160	50	300	plain bore	195	88	13	54
LER-PO 160R	**LER-PO 160R-FI**	160	50	300	roller bearing	195	88	13	54
LER-PO 175G	**LER-PO 175G-FI**	175	50	300	plain bore	213	88	13	54
LER-PO 175R	**LER-PO 175R-FI**	175	50	300	roller bearing	213	88	13	54
LER-PO 200G	**LER-PO 200G-FI**	200	50	300	plain bore	235	88	13	54
LER-PO 200R	**LER-PO 200R-FI**	200	50	300	roller bearing	235	88	13	54

* "Radstop" brake version

For stainless steel versions, see page 418

Versions / options



	"Radstop" wheel brake	electrically conductive version, non-marking grey	with thread guard, pressed steel, zinc-plated	with stainless steel ball bearing and small thread guard	with steel foot guard	truck lock
Technical description page		50	116	85	116	114
Product code suffix		**-ELS**	**-FA**	**-XKA**	**-FS**	**FF 100-1 / FF 125-1**
Available for		see series PO...-ELS (page 435)	wheel Ø 75–200 mm	version ball bearing (C) upon request	wheel Ø 100–200 mm upon request	wheel Ø 100+125 mm

LEZ-PO series

Pressed steel castors with stem, with nylon wheel

150–300 kg



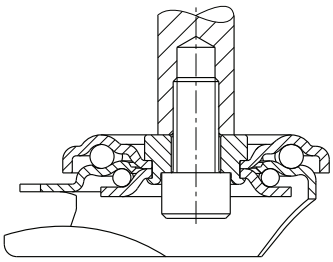
Bracket: LEZ series
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process
- steel plug-in stem and central kingpin bolted and secured

Wheel: PO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour natural white

Additional details:
- bracket series: page 91
- brakes: page 112–113
- wheel series: page 343–344
- bearing types: page 84–85







6

Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø (D) [mm]	Stem length [mm]	Offset swivel castor [mm]
LEZ-PO 75G	**LEZ-PO 75G-FI**	75	32	150	plain bore	100	20	50	38
LEZ-PO 80G	**LEZ-PO 80G-FI**	80	32	150	plain bore	102	20	50	38
LEZ-PO 100G	**LEZ-PO 100G-FI**	100	37	150	plain bore	125	20	50	36
LEZ-PO 125G	**LEZ-PO 125G-FI**	125	40	150	plain bore	150	20	50	38
LEZ-PO 150G-22	**LEZ-PO 150G-22-FI**	150	50	300	plain bore	190	22	60	54
LEZ-PO 150G-27	**LEZ-PO 150G-27-FI**	150	50	300	plain bore	190	27	60	54
LEZ-PO 160G-22	**LEZ-PO 160G-22-FI**	160	50	300	plain bore	195	22	60	54
LEZ-PO 160G-27	**LEZ-PO 160G-27-FI**	160	50	300	plain bore	195	27	60	54
LEZ-PO 200G-22	**LEZ-PO 200G-22-FI**	200	50	300	plain bore	235	22	60	54
LEZ-PO 200G-27	**LEZ-PO 200G-27-FI**	200	50	300	plain bore	235	27	60	54

For stainless steel versions, see page 419

Versions / options









	electrically conductive version, non-marking grey	with thread guard, pressed steel, zinc-plated	with steel foot guard	truck lock
Technical description page	50	116	116	114
Product code suffix	**-ELS**	**-FA**	**-FS**	**FF 100-1 / FF 125-1**
Available for	see series PO...-ELS (page 435)	all	wheel Ø 100–200 mm upon request	wheel Ø 100+125 mm

L-PO, B-PO series, wheel Ø 75–150 mm

Pressed steel castors, medium-duty version, with top plate, with nylon wheel



200–400 kg

Bracket: L/B series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 150 mm)
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

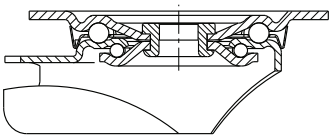
Wheel: PO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour natural white

Additional details:
- bracket series: page 91
- brakes: page 112–113
- wheel series: page 343–344
- bearing types: page 84–85









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Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-PO 75G	**B-PO 75G**	**L-PO 75G-FI**	75	32	200	plain bore	100	100 x 85	80 x 60	9	38
L-PO 75R	**B-PO 75R**	**L-PO 75R-FI**	75	32	200	roller bearing	100	100 x 85	80 x 60	9	38
L-PO 80G	**B-PO 80G**	**L-PO 80G-FI**	80	32	220	plain bore	102	100 x 85	80 x 60	9	38
L-PO 80R	**B-PO 80R**	**L-PO 80R-FI**	80	32	220	roller bearing	102	100 x 85	80 x 60	9	38
L-PO 80KA	**B-PO 80KA**	**L-PO 80KA-FI**	80	32	220	ball bearing (C)	102	100 x 85	80 x 60	9	38
L-PO 100G	**B-PO 100G**	**L-PO 100G-FI**	100	37	250	plain bore	125	100 x 85	80 x 60	9	36
L-PO 100R	**B-PO 100R**	**L-PO 100R-FI**	100	37	250	roller bearing	125	100 x 85	80 x 60	9	36
L-PO 100KA	**B-PO 100KA**	**L-PO 100KA-FI**	100	37	250	ball bearing (C)	125	100 x 85	80 x 60	9	36
L-PO 125G	**B-PO 125G**	**L-PO 125G-FI**	125	40	250	plain bore	150	100 x 85	80 x 60	9	38
L-PO 125R	**B-PO 125R**	**L-PO 125R-FI**	125	40	250	roller bearing	150	100 x 85	80 x 60	9	38
L-PO 125KA	**B-PO 125KA**	**L-PO 125KA-FI**	125	40	250	ball bearing (C)	150	100 x 85	80 x 60	9	38
L-PO 150G	**B-PO 150G**	**L-PO 150G-FI**	150	50	400	plain bore	190	140 x 110	105 x 75–80	11	60
L-PO 150R	**B-PO 150R**	**L-PO 150R-FI**	150	50	400	roller bearing	190	140 x 110	105 x 75–80	11	60
L-PO 150K	**B-PO 150K**	**L-PO 150K-FI**	150	50	400	ball bearing	190	140 x 110	105 x 75–80	11	60

For other wheel Ø, see next page
For stainless steel versions, see page 420

Versions / options















	electrically conductive version, non-marking grey	with thread guard, pressed steel, zinc-plated	with "stop-top" brake	with directional lock (separate) 1x 360°	with stainless steel roller bearing in the wheel hub	with stainless steel ball bearing in the wheel hub	with steel foot guard
Technical description page	50	116	112	115	84	84 / 85	116
Product code suffix	**-ELS**	**-FA**	**-ST**	**see ***	**-XR**	**-XK / -XKA**	**-FS**
Available for	see series PO...-ELS (page 435)	all	all	for wheel Ø and plate dimensions, see*	all roller bearing wheels	all ball bearing wheels upon request	wheel Ø 100–150 mm

* **RI-03.01** for wheel Ø 75, 100, 125 mm, **RI-05.03** for wheel Ø 150 mm (Only for swivel castors without brake or swivel castor with "stop-top" brake upon request)

L-PO, B-PO, BH-PO series, wheel Ø 160–250 mm

Pressed steel castors, medium-duty version, with top plate, with nylon wheel

400–600 kg



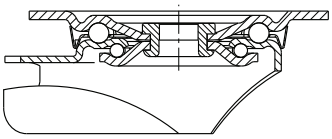
Bracket: L/B/BH series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin
- swivel head seal (exception: plate size 175 x 175 mm)
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: PO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour natural white

Additional details:
- bracket series: page 91
- brakes: page 112–113
- wheel series: page 343–344
- bearing types: page 84–85





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Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-PO 160G	**B-PO 160G**	**L-PO 160G-FI**	160	50	400	plain bore	195	140 x 110	105 x 75–80	11	60
L-PO 160R	**B-PO 160R**	**L-PO 160R-FI**	160	50	400	roller bearing	195	140 x 110	105 x 75–80	11	60
L-PO 160K	**B-PO 160K**	**L-PO 160K-FI**	160	50	400	ball bearing	195	140 x 110	105 x 75–80	11	60
L-PO 175G	**B-PO 175G**	**L-PO 175G-FI**	175	50	400	plain bore	213	140 x 110	105 x 75–80	11	60
L-PO 175R	**B-PO 175R**	**L-PO 175R-FI**	175	50	400	roller bearing	213	140 x 110	105 x 75–80	11	60
L-PO 175K	**B-PO 175K**	**L-PO 175K-FI**	175	50	400	ball bearing	213	140 x 110	105 x 75–80	11	60
L-PO 200G	**B-PO 200G**	**L-PO 200G-FI**	200	50	400	plain bore	235	140 x 110	105 x 75–80	11	65
L-PO 200R	**B-PO 200R**	**L-PO 200R-FI**	200	50	400	roller bearing	235	140 x 110	105 x 75–80	11	65
L-PO 200K	**B-PO 200K**	**L-PO 200K-FI**	200	50	400	ball bearing	235	140 x 110	105 x 75–80	11	65
L-PO 250G-3	**BH-PO 250G**	*	250	50	500	plain bore	295	140 x 110	105 x 75–80	11	77
L-PO 250K-3	**BH-PO 250K**	*	250	50	500	ball bearing	295	140 x 110	105 x 75–80	11	77
L-PO 250G		*	250	50	600	plain bore	295	175 x 175	140 x 140	15	70
	B-PO 250G		250	50	600	plain bore	295	220 x 120	190 x 75	15	–

* "stop-top" brake version, see versions / options

For stainless steel versions, see page 420

Versions / options**



	electrically conductive version, non-marking grey	with thread guard, pressed steel, zinc-plated	with "stop-top" brake	with "central-stop" central brake system	with stainless steel roller bearing in the wheel hub	with stainless steel ball bearing in the wheel hub	with steel foot guard
Technical description page	50	116	112	113	84	84	116
Product code suffix	**-ELS**	**-FA**	**-ST**	**-CS11**	**-XR**	**-XK**	**-FS**
Available for	see series PO...-ELS (page 435)	wheel Ø 160–200 mm	all	wheel Ø 160+200 mm	all roller bearing wheels	all ball bearing wheels upon request	wheel Ø 160–200 mm, wheel Ø 250 mm upon request

** **Other versions / options:** directional lock (separate) 1 x 360°: **RI-05.03** for wheel Ø 160–200 mm (only for swivel castors without brake or swivel castor with "stop-top" and "central-stop" brake upon request)

LK-PO, BK-PO series, wheel Ø 75–125x40 mm

Pressed steel castors, heavy-duty design, with top plate, with nylon wheel



200–300 kg

Bracket: LK/BK series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

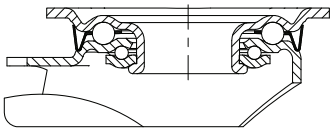
Wheel: PO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour natural white

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 343–344
- bearing types: page 84–85









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Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-PO 75G	**BK-PO 75G**	**LK-PO 75G-FI**	75	32	200	plain bore	108	100 x 85	80 x 60	9	40
LK-PO 75R	**BK-PO 75R**	**LK-PO 75R-FI**	75	32	200	roller bearing	108	100 x 85	80 x 60	9	40
LK-PO 82G	**BK-PO 82G**	**LK-PO 82G-FI**	80	37	230	plain bore	110	100 x 85	80 x 60	9	40
LK-PO 82R	**BK-PO 82R**	**LK-PO 82R-FI**	80	37	230	roller bearing	110	100 x 85	80 x 60	9	40
LK-PO 82K	**BK-PO 82K**	**LK-PO 82K-FI**	80	37	250	ball bearing	110	100 x 85	80 x 60	9	40
LK-PO 100G-1	**BK-PO 100G-1**	**LK-PO 100G-1-FI**	100	37	280	plain bore	130	100 x 85	80 x 60	9	45
LK-PO 100R-1	**BK-PO 100R-1**	**LK-PO 100R-1-FI**	100	37	280	roller bearing	130	100 x 85	80 x 60	9	45
LK-PO 100KA-1	**BK-PO 100KA-1**	**LK-PO 100KA-1-FI**	100	37	280	ball bearing (C)	130	100 x 85	80 x 60	9	45
LK-PO 100G-3	**BK-PO 100G-3**	**LK-PO 100G-3-FI**	100	37	280	plain bore	130	140 x 110	105 x 75–80	11	45
LK-PO 100R-3	**BK-PO 100R-3**	**LK-PO 100R-3-FI**	100	37	280	roller bearing	130	140 x 110	105 x 75–80	11	45
LK-PO 100KA-3	**BK-PO 100KA-3**	**LK-PO 100KA-3-FI**	100	37	280	ball bearing (C)	130	140 x 110	105 x 75–80	11	45
LK-PO 125G-1	**BK-PO 125G-1**	**LK-PO 125G-1-FI**	125	40	300	plain bore	155	100 x 85	80 x 60	9	48
LK-PO 125R-1	**BK-PO 125R-1**	**LK-PO 125R-1-FI**	125	40	300	roller bearing	155	100 x 85	80 x 60	9	48
LK-PO 125KA-1	**BK-PO 125KA-1**	**LK-PO 125KA-1-FI**	125	40	300	ball bearing (C)	155	100 x 85	80 x 60	9	48
LK-PO 125G-3	**BK-PO 125G-3**	**LK-PO 125G-3-FI**	125	40	300	plain bore	155	140 x 110	105 x 75–80	11	48
LK-PO 125R-3	**BK-PO 125R-3**	**LK-PO 125R-3-FI**	125	40	300	roller bearing	155	140 x 110	105 x 75–80	11	48
LK-PO 125KA-3	**BK-PO 125KA-3**	**LK-PO 125KA-3-FI**	125	40	300	ball bearing (C)	155	140 x 110	105 x 75–80	11	48

For other wheel Ø, see next page

Versions / options



	electrically conductive version, non-marking grey	with thread guard, pressed steel, zinc-plated	with "stop-top" brake	with directional lock (separate) 1x 360°	with stainless steel roller bearing in the wheel hub	with stainless steel ball bearing in the wheel hub
Technical description page	50	116	112	115	84	84 / 85
Product code suffix	**-ELS**	**-FA**	**-ST**	**see ***	**-XR**	**-XK / -XKA**
Available for	see series PO...-ELS (page 435)	all	all	for wheel Ø and plate dimensions, see*	all roller bearing wheels	all ball bearing wheels upon request

* **RI-05.01** for wheel Ø 75–125 mm with plate 100x85 mm, **RI-03.03** for wheel Ø 100–125 mm with plate 140x110 mm
(Only for swivel castors without brake or swivel castor with "stop-top" brake upon request)

LK-PO, BH-PO series, wheel Ø 125x50–200 mm

Pressed steel castors, heavy-duty design, with top plate, with nylon wheel



400–600 kg

Bracket: LK/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

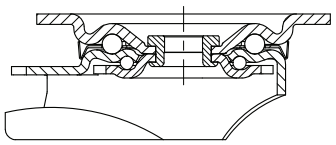
Wheel: PO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour natural white

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 343–344
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-PO 127R	**BH-PO 127R**	**LK-PO 127R-FI**	125	50	400	roller bearing	170	140 x 110	105 x 75–80	11	55
LK-PO 127K	**BH-PO 127K**	**LK-PO 127K-FI**	125	50	400	ball bearing	170	140 x 110	105 x 75–80	11	55
LK-PO 150G	**BH-PO 150G**	**LK-PO 150G-FI**	150	50	400	plain bore	197	140 x 110	105 x 75–80	11	60
LK-PO 150K	**BH-PO 150K**	**LK-PO 150K-FI**	150	50	400	ball bearing	197	140 x 110	105 x 75–80	11	60
LK-PO 160G	**BH-PO 160G**	**LK-PO 160G-FI**	160	50	450	plain bore	202	140 x 110	105 x 75–80	11	60
LK-PO 160K	**BH-PO 160K**	**LK-PO 160K-FI**	160	50	450	ball bearing	202	140 x 110	105 x 75–80	11	60
LK-PO 175G	**BH-PO 175G**	**LK-PO 175G-FI**	175	50	500	plain bore	220	140 x 110	105 x 75–80	11	65
LK-PO 175K	**BH-PO 175K**	**LK-PO 175K-FI**	175	50	500	ball bearing	220	140 x 110	105 x 75–80	11	65
LK-PO 200G	**BH-PO 200G**	**LK-PO 200G-FI**	200	50	600	plain bore	245	140 x 110	105 x 75–80	11	62
LK-PO 200K	**BH-PO 200K**	**LK-PO 200K-FI**	200	50	600	ball bearing	245	140 x 110	105 x 75–80	11	62

Versions / options *



	electrically conductive version, non-marking grey	with thread guard, pressed steel, zinc-plated	with "stop-top" brake	with "ideal-stop" brake total height +17 mm	directional lock (separate) 1 x 360°	with stainless steel ball bearing in the wheel hub	with steel foot guard
Technical description page	50	116	112	112	115	84	116
Product code suffix	**-ELS**	**-FA**	**-ST**	**-IS**	**RI-05.03**	**-XK**	**-FS**
Available for	see series PO...-ELS (page 435)	all	all	wheel Ø 125x50, 160, 200 mm**	all***	all ball bearing wheels upon request	upon request

* **Other versions / options:** corrosion-resistant roller bearing **(-XR)**, available for wheel Ø 125 mm (see page 84 for technical information)

** Synthetic adapter plate to balance out total height for swivel and fixed castors without "ideal-stop" brake: **product code AP3-17**

*** Only for swivel castors without brake or swivel castor with "stop-top" brake upon request

Blickle®

LH-PO, BH-PO series

Pressed steel castors, heavy-duty design, with top plate, with nylon wheel



230–900 kg

Bracket: LH/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- heavy fork and top plate

Swivel bracket:
- double ball bearing in the swivel head
- bolted and secured central kingpin, extremely strong
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**

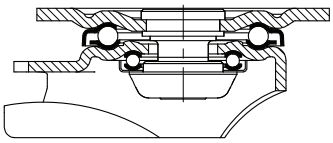
Wheel: PO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour natural white

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 343–344
- bearing types: page 84–85









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Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-PO 82G	**BH-PO 82G**	**LH-PO 82G-FI**	80	37	230	plain bore	120	100 x 85	80 x 60	9	45
LH-PO 82K	**BH-PO 82K**	**LH-PO 82K-FI**	80	37	250	ball bearing	120	100 x 85	80 x 60	9	45
LH-PO 100G-1	**BH-PO 100G-1**	**LH-PO 100G-1-FI**	100	37	280	plain bore	140	100 x 85	80 x 60	9	45
LH-PO 100KA-1	**BH-PO 100KA-1**	**LH-PO 100KA-1-FI**	100	37	280	ball bearing (C)	140	100 x 85	80 x 60	9	45
LH-PO 100G-3	**BH-PO 100G-3**	**LH-PO 100G-3-FI**	100	37	280	plain bore	140	140 x 110	105 x 75–80	11	45
LH-PO 100KA-3	**BH-PO 100KA-3**	**LH-PO 100KA-3-FI**	100	37	280	ball bearing (C)	140	140 x 110	105 x 75–80	11	45
LH-PO 125G-1	**BH-PO 125G-1**	**LH-PO 125G-1-FI**	125	40	300	plain bore	165	100 x 85	80 x 60	9	45
LH-PO 125KA-1	**BH-PO 125KA-1**	**LH-PO 125KA-1-FI**	125	40	300	ball bearing (C)	165	100 x 85	80 x 60	9	45
LH-PO 125G-3	**BH-PO 125G-3**	**LH-PO 125G-3-FI**	125	40	300	plain bore	165	140 x 110	105 x 75–80	11	45
LH-PO 125KA-3	**BH-PO 125KA-3**	**LH-PO 125KA-3-FI**	125	40	300	ball bearing (C)	165	140 x 110	105 x 75–80	11	45
LH-PO 127K	**BH-PO 127K**	**LH-PO 127K-FI**	125	50	400	ball bearing	170	140 x 110	105 x 75–80	11	55
LH-PO 150G	**BH-PO 150G**	**LH-PO 150G-FI**	150	50	400	plain bore	197	140 x 110	105 x 75–80	11	65
LH-PO 150K	**BH-PO 150K**	**LH-PO 150K-FI**	150	50	400	ball bearing	197	140 x 110	105 x 75–80	11	65
LH-PO 160G	**BH-PO 160G**	**LH-PO 160G-FI**	160	50	450	plain bore	202	140 x 110	105 x 75–80	11	65
LH-PO 160K	**BH-PO 160K**	**LH-PO 160K-FI**	160	50	450	ball bearing	202	140 x 110	105 x 75–80	11	65
LH-PO 175G	**BH-PO 175G**	**LH-PO 175G-FI**	175	50	500	plain bore	220	140 x 110	105 x 75–80	11	67
LH-PO 175K	**BH-PO 175K**	**LH-PO 175K-FI**	175	50	500	ball bearing	220	140 x 110	105 x 75–80	11	67
LH-PO 200G	**BH-PO 200G**	**LH-PO 200G-FI**	200	50	600	plain bore	245	140 x 110	105 x 75–80	11	70
LH-PO 200K	**BH-PO 200K**	**LH-PO 200K-FI**	200	50	600	ball bearing	245	140 x 110	105 x 75–80	11	70
LH-PO 250G	**BH-PO 250G**	*	250	50	900	plain bore	295	140 x 110	105 x 75–80	11	82
LH-PO 250K	**BH-PO 250K**	*	250	50	900	ball bearing	295	140 x 110	105 x 75–80	11	82

* "stop-top" brake version, see versions / options

Versions / options**



	electrically conductive version, non-marking grey	with thread guard, pressed steel, zinc-plated	with "stop-top" brake	with "central-stop" central brake system	with "ideal-stop" brake total height +17 mm	with directional lock (separate) 1x 360°	with steel foot guard
Technical description page	50	116	112	113	112	115	116
Product code suffix	**-ELS**	**-FA**	**-ST**	**-CS13**	**-IS**	**see ******	**-FS**
Available for	see series PO...-ELS (page 435)	wheel Ø 80–200 mm	all	wheel Ø 160, 200 mm	wheel Ø 160, 200 mm***	for wheel Ø and plate dimensions, see******	wheel Ø 100–250 mm

** **Other versions / options: 1.** stainless steel ball bearing in the wheel hub (**-XK/-XKA**), available upon request (technical information page 84-85)

*** Synthetic adapter plate to balance out total height for swivel and fixed castors without "ideal-stop" brake: **product code AP3-17**

**** **RI-04.01** for wheel Ø 80–125 mm with plate 100x85 mm, **RI-04.03** for wheel Ø 100–125x40 mm with plate 140x110 mm, **RI-05.03** for wheel Ø 125x50–200 mm
(Only for swivel castors without brake or swivel castor with "stop-top" and "central-stop" brake upon request)

LUH-PO, BH-PO series

Pressed steel castors, heavy-duty design, enclosed, with top plate, with nylon wheel

400–600 kg



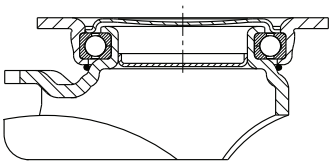
Bracket: LUH/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- four-point ball bearing for extremely heavy loads
- enclosed and sealed swivel head
- particularly resistant to shocks and impact due to **specially-shaped, hardened bearing seats**

Wheel: PO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour natural white

Additional details:
- bracket series: page 93
- brakes: page 112–113
- wheel series: page 343–344
- bearing types: page 84–85





Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LUH-PO 127K	**BH-PO 127K**	**LUH-PO 127K-FI**	125	50	400	ball bearing	170	140 x 110	105 x 75–80	11	55
LUH-PO 150G	**BH-PO 150G**	**LUH-PO 150G-FI**	150	50	400	plain bore	197	140 x 110	105 x 75–80	11	61
LUH-PO 150K	**BH-PO 150K**	**LUH-PO 150K-FI**	150	50	400	ball bearing	197	140 x 110	105 x 75–80	11	61
LUH-PO 160G	**BH-PO 160G**	**LUH-PO 160G-FI**	160	50	450	plain bore	202	140 x 110	105 x 75–80	11	61
LUH-PO 160K	**BH-PO 160K**	**LUH-PO 160K-FI**	160	50	450	ball bearing	202	140 x 110	105 x 75–80	11	61
LUH-PO 200G	**BH-PO 200G**	**LUH-PO 200G-FI**	200	50	600	plain bore	245	140 x 110	105 x 75–80	11	63
LUH-PO 200K	**BH-PO 200K**	**LUH-PO 200K-FI**	200	50	600	ball bearing	245	140 x 110	105 x 75–80	11	63

Versions / options



	electrically conductive version, non-marking grey	with thread guard, pressed steel, zinc-plated	directional lock (separate) 1 x 360°	with stainless steel ball bearing in the wheel hub	with steel foot guard
Technical description page	50	116	115	84	116
Product code suffix	**-ELS**	**-FA**	**RI-05.03**	**-XK**	**-FS**
Available for	see series PO...-ELS (page 435)	all	all*	upon request	upon request

* Only for swivel castors without brake

LO-PO, BO-PO series

Welded steel heavy-duty castors, with nylon wheel



400–1,000 kg

Bracket: LO/BO series
- solid welded steel construction, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- **four specially-shaped, hardened bearing seats** for additional strength
- bolted and secured welded central kingpin, extremely strong
- swivel head seal with labyrinth design
- grease nipple

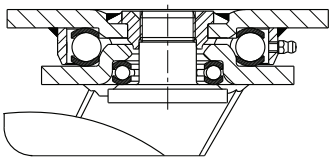
Wheel: PO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour natural white

Additional details:
- bracket series: page 93
- brakes: page 112–113
- wheel series: page 343–344
- bearing types: page 84–85









6

Swivel castors	Fixed castors	Swivel castor with "stop-top" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LO-PO 127K	**BO-PO 127K**	**LO-PO 127K-ST**	125	50	400	ball bearing	170	140 x 110	105 x 75–80	11	55
LO-PO 150G	**BO-PO 150G**	**LO-PO 150G-ST**	150	50	400	plain bore	200	140 x 110	105 x 75–80	11	55
LO-PO 150K	**BO-PO 150K**	**LO-PO 150K-ST**	150	50	400	ball bearing	200	140 x 110	105 x 75–80	11	55
LO-PO 160G	**BO-PO 160G**	**LO-PO 160G-ST**	160	50	450	plain bore	205	140 x 110	105 x 75–80	11	55
LO-PO 160K	**BO-PO 160K**	**LO-PO 160K-ST**	160	50	450	ball bearing	205	140 x 110	105 x 75–80	11	55
LO-PO 200G	**BO-PO 200G**	**LO-PO 200G-ST**	200	50	600	plain bore	245	140 x 110	105 x 75–80	11	60
LO-PO 200K	**BO-PO 200K**	**LO-PO 200K-ST**	200	50	600	ball bearing	245	140 x 110	105 x 75–80	11	60
LO-PO 250G	**BO-PO 250G**	**LO-PO 250G-ST**	250	50	1,000	plain bore	295	140 x 110	105 x 75–80	11	70
LO-PO 250K	**BO-PO 250K**	**LO-PO 250K-ST**	250	50	1,000	ball bearing	295	140 x 110	105 x 75–80	11	70

Versions / options



	electrically conductive version, non-marking grey	with directional lock 4 x 90°	with stainless steel ball bearing in the wheel hub	with steel foot guard	truck lock
Technical description page	50	115	84	116	114
Product code suffix	**-ELS**	**-RI4**	**-XK**	**-FS**	**FF 125 / 150 / 160 / 200**
Available for	see series PO...-ELS (page 435)	wheel Ø 125–200 mm	upon request	upon request	wheel Ø 125–200 mm

SPO series, wheel Ø 75–160 mm

Heavy-duty nylon wheels



300–850 kg

Tread and tyre hardness
70 Shore D

Smooth operation / floor preservation
satisfactory

Rolling resistance
excellent

Wear resistance
good

Wheel:
- high-quality nylon 6, impact resistant, hardness 70 Shore D
- extremely robust heavy-duty version
- excellent rolling and swivel resistance
- easy operation on smooth surfaces
- high abrasion resistance
- colour natural white

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +80 °C, reduced load capacity over +35 °C

Additional details:
- wheel series: page 69
- tread: page 57
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
SPO 75/12G	75	32	300	plain bore	12	35
SPO 75/15-45G	75	32	300	plain bore	15	45
SPO 75/15G	75	32	300	plain bore	15	35
SPO 75/15K	75	32	300	ball bearing	15	35
SPO 80/15G	80	37	350	plain bore	15	45
SPO 80/15K	80	37	350	ball bearing	15	45
SPO 82/20K	80	70	650	ball bearing	20	70
SPO 100/15G	100	37	500	plain bore	15	45
SPO 100/15K	100	37	500	ball bearing	15	45
SPO 125/15G	125	40	700	plain bore	15	45
SPO 125/20G	125	40	700	plain bore	20	45
SPO 125/15K	125	40	700	ball bearing	15	45
SPO 125/20K	125	40	700	ball bearing	20	45
SPO 127/20G	125	50	750	plain bore	20	60
SPO 127/20K	125	50	750	ball bearing	20	60
SPO 150/20G	150	50	800	plain bore	20	60
SPO 150/20K	150	50	800	ball bearing	20	60
SPO 150/25K	150	50	800	ball bearing	25	60
SPO 160/20G	160	50	850	plain bore	20	60
SPO 160/20K	160	50	850	ball bearing	20	60
SPO 160/25K	160	50	850	ball bearing	25	60

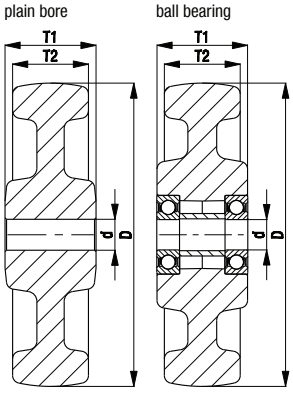
For other wheel Ø, see next page

Versions / options



	with grease nipple	with stainless steel ball bearing in the wheel hub
Technical description page		84
Product code suffix	**-NI**	**-XK**
Available for	upon request	upon request*

* Some dimensions may result in reduced load capacities



SPO series, wheel Ø 175–250 mm

Heavy-duty nylon wheels



1,000–2,000 kg

Tread and tyre hardness
70 Shore D

Smooth operation / floor preservation
satisfactory

Rolling resistance
excellent

Wear resistance
good

Wheel:
- high-quality nylon 6, impact resistant, hardness 70 Shore D
- extremely robust heavy-duty version
- excellent rolling and swivel resistance
- easy operation on smooth surfaces
- high abrasion resistance
- colour natural white

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +80 °C, reduced load capacity over +35 °C

Additional details:
- wheel series: page 69
- tread: page 57
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
SPO 175/20G	175	50	1,000	plain bore	20	60
SPO 175/20K	175	50	1,000	ball bearing	20	60
SPO 175/25K	175	50	1,000	ball bearing	25	60
SPO 201/20G	200	50	1,000	plain bore	20	60
SPO 200/20G *	200	50	1,500	plain bore	20	60
SPO 200/25G *	200	50	1,500	plain bore	25	60
SPO 201/20K	200	50	1,000	ball bearing	20	60
SPO 200/20K *	200	50	1,250	ball bearing	20	60
SPO 200/25K *	200	50	1,500	ball bearing	25	60
SPO 200/30K *	200	50	1,500	ball bearing	30	60
SPO 251/25G	250	50	1,500	plain bore	25	60
SPO 251/25K	250	50	1,500	ball bearing	25	60
SPO 250/25G **	250	65	2,000	plain bore	25	70
SPO 250/25K *	250	65	2,000	ball bearing	25	65
SPO 250/30K *	250	65	2,000	ball bearing	30	65
SPO 250/35K *	250	65	2,000	ball bearing	35	65

* Extra heavy-duty version

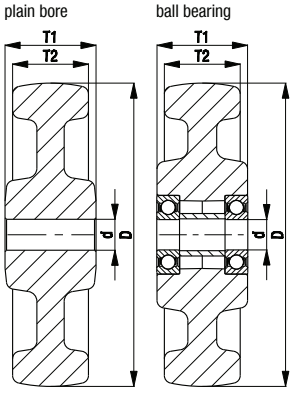
** Load capacity test in compliance with DIN 12532 with extended breaks to avoid thermal overloading

Versions / options



	with grease nipple	with stainless steel ball bearing in the wheel hub
Technical description page		84
Product code suffix	**-NI**	**-XK**
Available for	upon request	upon request***

*** Some dimensions may result in reduced load capacities



LK-SPO, BK-SPO series, wheel Ø 75–125x40 mm

Pressed steel castors, heavy-duty design, with top plate, with heavy-duty nylon wheel



300–350 kg

Bracket: LK/BK series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

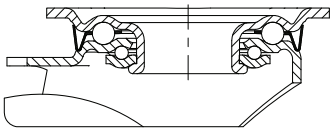
Wheel: SPO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, extremely robust heavy-duty version, colour natural white

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 355–356
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-SPO 75G	**BK-SPO 75G**	**LK-SPO 75G-FI**	75	32	300	plain bore	108	100 x 85	80 x 60	9	40
LK-SPO 75K	**BK-SPO 75K**	**LK-SPO 75K-FI**	75	32	300	ball bearing	108	100 x 85	80 x 60	9	40
LK-SPO 80G	**BK-SPO 80G**	**LK-SPO 80G-FI**	80	37	350	plain bore	110	100 x 85	80 x 60	9	40
LK-SPO 80K	**BK-SPO 80K**	**LK-SPO 80K-FI**	80	37	350	ball bearing	110	100 x 85	80 x 60	9	40
LK-SPO 100G-1	**BK-SPO 100G-1**	**LK-SPO 100G-1-FI**	100	37	350	plain bore	130	100 x 85	80 x 60	9	45
LK-SPO 100K-1	**BK-SPO 100K-1**	**LK-SPO 100K-1-FI**	100	37	350	ball bearing	130	100 x 85	80 x 60	9	45
LK-SPO 100G-3	**BK-SPO 100G-3**	**LK-SPO 100G-3-FI**	100	37	350	plain bore	130	140 x 110	105 x 75–80	11	45
LK-SPO 100K-3	**BK-SPO 100K-3**	**LK-SPO 100K-3-FI**	100	37	350	ball bearing	130	140 x 110	105 x 75–80	11	45
LK-SPO 125G-1	**BK-SPO 125G-1**	**LK-SPO 125G-1-FI**	125	40	350	plain bore	155	100 x 85	80 x 60	9	48
LK-SPO 125K-1	**BK-SPO 125K-1**	**LK-SPO 125K-1-FI**	125	40	350	ball bearing	155	100 x 85	80 x 60	9	48
LK-SPO 125G-3	**BK-SPO 125G-3**	**LK-SPO 125G-3-FI**	125	40	350	plain bore	155	140 x 110	105 x 75–80	11	48
LK-SPO 125K-3	**BK-SPO 125K-3**	**LK-SPO 125K-3-FI**	125	40	350	ball bearing	155	140 x 110	105 x 75–80	11	48

For other wheel Ø, see next page
For stainless steel versions, see page 421

Versions / options











	with thread guard, pressed steel, zinc-plated	with "stop-top" brake	with "ideal-stop" brake total height +17 mm	with directional lock (separate) 1x 360°	with stainless steel ball bearing in the wheel hub
Technical description page	116	112	112	115	84
Product code suffix	**-FA**	**-ST**	**-IS**	**see ****	**-XK**
Available for	all	all	wheel Ø 125 mm with plate 140x110 mm*	for wheel Ø and plate dimensions, see**	upon request***

* Synthetic adapter plate to balance out total height for swivel and fixed castors without "ideal-stop" brake: **product code AP3-17**

** **RI-05.01** for wheel Ø 75–125 mm with plate 100x85 mm, **RI-03.03** for wheel Ø 100–125 mm with plate 140x110 mm (Only for swivel castors without brake or swivel castor with "stop-top" brake upon request)

*** Some dimensions may result in reduced load capacities

LK-SPO, BH-SPO series, wheel Ø 125x50–200 mm

Pressed steel castors, heavy-duty design, with top plate, with heavy-duty nylon wheel



600 kg

Bracket: LK/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

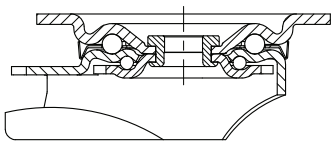
Wheel: SPO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, extremely robust heavy-duty version, colour natural white

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 355–356
- bearing types: page 84–85









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Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-SPO 127G	**BH-SPO 127G**	**LK-SPO 127G-FI**	125	50	600	plain bore	170	140 x 110	105 x 75–80	11	55
LK-SPO 127K	**BH-SPO 127K**	**LK-SPO 127K-FI**	125	50	600	ball bearing	170	140 x 110	105 x 75–80	11	55
LK-SPO 150G	**BH-SPO 150G**	**LK-SPO 150G-FI**	150	50	600	plain bore	197	140 x 110	105 x 75–80	11	60
LK-SPO 150K	**BH-SPO 150K**	**LK-SPO 150K-FI**	150	50	600	ball bearing	197	140 x 110	105 x 75–80	11	60
LK-SPO 160G	**BH-SPO 160G**	**LK-SPO 160G-FI**	160	50	600	plain bore	202	140 x 110	105 x 75–80	11	60
LK-SPO 160K	**BH-SPO 160K**	**LK-SPO 160K-FI**	160	50	600	ball bearing	202	140 x 110	105 x 75–80	11	60
LK-SPO 175G	**BH-SPO 175G**	**LK-SPO 175G-FI**	175	50	600	plain bore	220	140 x 110	105 x 75–80	11	65
LK-SPO 175K	**BH-SPO 175K**	**LK-SPO 175K-FI**	175	50	600	ball bearing	220	140 x 110	105 x 75–80	11	65
LK-SPO 200G *	**BH-SPO 200G ***	**LK-SPO 200G-FI ***	200	50	600	plain bore	245	140 x 110	105 x 75–80	11	62
LK-SPO 201G	**BH-SPO 201G**	**LK-SPO 201G-FI**	200	50	600	plain bore	245	140 x 110	105 x 75–80	11	62
LK-SPO 200K *	**BH-SPO 200K ***	**LK-SPO 200K-FI ***	200	50	600	ball bearing	245	140 x 110	105 x 75–80	11	62
LK-SPO 201K	**BH-SPO 201K**	**LK-SPO 201K-FI**	200	50	600	ball bearing	245	140 x 110	105 x 75–80	11	62

* Extra heavy-duty wheel design

For stainless steel versions, see page 421

Versions / options













	with thread guard, pressed steel, zinc-plated	with "stop-top" brake	with "ideal-stop" brake total height +17 mm	directional lock (separate) 1 x 360°	with stainless steel ball bearing in the wheel hub	with steel foot guard
Technical description page	116	112	112	115	84	116
Product code suffix	**-FA**	**-ST**	**-IS**	**RI-05.03**	**-XK**	**-FS**
Available for	all	all	wheel Ø 125, 160, 200 mm**	all***	upon request****	upon request

** Synthetic adapter plate to balance out total height for swivel and fixed castors without "ideal-stop" brake: **product code AP3-17**
*** Only for swivel castors without brake or swivel castor with "stop-top" brake upon request
**** Some dimensions may result in reduced load capacities

LKR-SPO series

Pressed steel castors, heavy-duty design, with bolt hole, with heavy-duty nylon wheel



300–350 kg

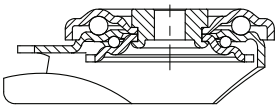
Bracket: LKR series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: SPO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, extremely robust heavy-duty version, colour natural white

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 355–356
- bearing types: page 84–85







Swivel castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LKR-SPO 75G	**LKR-SPO 75G-FI**	75	32	300	plain bore	108	88	13	40
LKR-SPO 75K	**LKR-SPO 75K-FI**	75	32	300	ball bearing	108	88	13	40
LKR-SPO 80G	**LKR-SPO 80G-FI**	80	37	350	plain bore	110	88	13	40
LKR-SPO 80K	**LKR-SPO 80K-FI**	80	37	350	ball bearing	110	88	13	40
LKR-SPO 100G	**LKR-SPO 100G-FI**	100	37	350	plain bore	130	88	13	45
LKR-SPO 100K	**LKR-SPO 100K-FI**	100	37	350	ball bearing	130	88	13	45
LKR-SPO 125G	**LKR-SPO 125G-FI**	125	40	350	plain bore	155	88	13	48
LKR-SPO 125K	**LKR-SPO 125K-FI**	125	40	350	ball bearing	155	88	13	48

Versions / options







	with thread guard, pressed steel, zinc-plated	with stainless steel ball bearing in the wheel hub	truck lock
Technical description page	116	84	114
Product code suffix	**-FA**	**-XK**	**FF 100-1 / FF 125-1**
Available for	all	upon request*	wheel Ø 100+125 mm

* Some dimensions may result in reduced load capacities

LH-SPO, BH-SPO series, wheel Ø 75–125 mm

Pressed steel castors, heavy-duty design, with top plate, with heavy-duty nylon wheel



300–750 kg

Bracket: LH/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- heavy fork and top plate

Swivel bracket:
- double ball bearing in the swivel head
- bolted and secured central kingpin, extremely strong
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**

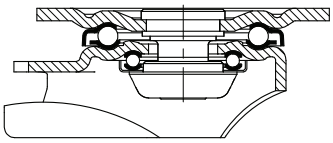
Wheel: SPO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, extremely robust heavy-duty version, colour natural white

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 355
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-SPO 75G	**BH-SPO 75G**	**LH-SPO 75G-FI**	75	32	300	plain bore	118	100 x 85	80 x 60	9	45
LH-SPO 75K	**BH-SPO 75K**	**LH-SPO 75K-FI**	75	32	300	ball bearing	118	100 x 85	80 x 60	9	45
LH-SPO 80G	**BH-SPO 80G**	**LH-SPO 80G-FI**	80	37	350	plain bore	120	100 x 85	80 x 60	9	45
LH-SPO 80K	**BH-SPO 80K**	**LH-SPO 80K-FI**	80	37	350	ball bearing	120	100 x 85	80 x 60	9	45
LH-SPO 82K			80	70	650	ball bearing	112	100 x 85	80 x 60	9	45
LH-SPO 100G-1	**BH-SPO 100G-1**	**LH-SPO 100G-1-FI**	100	37	500	plain bore	140	100 x 85	80 x 60	9	45
LH-SPO 100K-1	**BH-SPO 100K-1**	**LH-SPO 100K-1-FI**	100	37	500	ball bearing	140	100 x 85	80 x 60	9	45
LH-SPO 100G-3	**BH-SPO 100G-3**	**LH-SPO 100G-3-FI**	100	37	500	plain bore	140	140 x 110	105 x 75–80	11	45
LH-SPO 100K-3	**BH-SPO 100K-3**	**LH-SPO 100K-3-FI**	100	37	500	ball bearing	140	140 x 110	105 x 75–80	11	45
LH-SPO 125G-1	**BH-SPO 125G-1**	**LH-SPO 125G-1-FI**	125	40	700	plain bore	165	100 x 85	80 x 60	9	45
LH-SPO 125K-1	**BH-SPO 125K-1**	**LH-SPO 125K-1-FI**	125	40	700	ball bearing	165	100 x 85	80 x 60	9	45
LH-SPO 125G-3	**BH-SPO 125G-3**	**LH-SPO 125G-3-FI**	125	40	700	plain bore	165	140 x 110	105 x 75–80	11	45
LH-SPO 125K-3	**BH-SPO 125K-3**	**LH-SPO 125K-3-FI**	125	40	700	ball bearing	165	140 x 110	105 x 75–80	11	45
LH-SPO 127G	**BH-SPO 127G**	**LH-SPO 127G-FI**	125	50	750	plain bore	170	140 x 110	105 x 75–80	11	55
LH-SPO 127K	**BH-SPO 127K**	**LH-SPO 127K-FI**	125	50	750	ball bearing	170	140 x 110	105 x 75–80	11	55

For other wheel Ø, see next page

Versions / options











	with thread guard, pressed steel, zinc-plated	with "stop-top" brake	with directional lock (separate) 1x 360°	with stainless steel ball bearing in the wheel hub	with steel foot guard
Technical description page	116	112	115	84	116
Product code suffix	**-FA**	**-ST**	**see ***	**-XK**	**-FS**
Available for	all with exception of wheel Ø 80x70 mm	all with exception of wheel Ø 80x70 mm	for wheel Ø and plate dimensions, see*	upon request**	all from wheel Ø 100 mm

* **RI-04.01** for wheel Ø 75, 80x37, 100, 125 mm with plate 100x85 mm, **RI-04.03** for wheel Ø 100, 125x40 mm with plate 140x110 mm, **RI-05.03** for wheel Ø 125x50 mm
(Only for swivel castors without brake or swivel castor with "stop-top" brake upon request)

** Some dimensions may result in reduced load capacities

LH-SPO, BH-SPO series, wheel Ø 150–250 mm

Pressed steel castors, heavy-duty design, with top plate, with heavy-duty nylon wheel



800–900 kg

Bracket: LH/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- heavy fork and top plate

Swivel bracket:
- double ball bearing in the swivel head
- bolted and secured central kingpin, extremely strong
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**

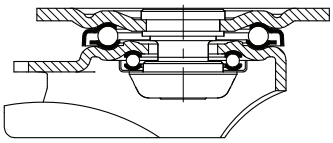
Wheel: SPO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, extremely robust heavy-duty version, colour natural white

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 355–356
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-SPO 150G	**BH-SPO 150G**	**LH-SPO 150G-FI**	150	50	800	plain bore	197	140 x 110	105 x 75–80	11	65
LH-SPO 150K	**BH-SPO 150K**	**LH-SPO 150K-FI**	150	50	800	ball bearing	197	140 x 110	105 x 75–80	11	65
LH-SPO 160G	**BH-SPO 160G**	**LH-SPO 160G-FI**	160	50	850	plain bore	202	140 x 110	105 x 75–80	11	65
LH-SPO 160K	**BH-SPO 160K**	**LH-SPO 160K-FI**	160	50	850	ball bearing	202	140 x 110	105 x 75–80	11	65
LH-SPO 175G	**BH-SPO 175G**	**LH-SPO 175G-FI**	175	50	900	plain bore	220	140 x 110	105 x 75–80	11	67
LH-SPO 175K	**BH-SPO 175K**	**LH-SPO 175K-FI**	175	50	900	ball bearing	220	140 x 110	105 x 75–80	11	67
LH-SPO 200G *	**BH-SPO 200G ***	**LH-SPO 200G-FI ***	200	50	900	plain bore	245	140 x 110	105 x 75–80	11	70
LH-SPO 201G	**BH-SPO 201G**	**LH-SPO 201G-FI**	200	50	900	plain bore	245	140 x 110	105 x 75–80	11	70
LH-SPO 200K *	**BH-SPO 200K ***	**LH-SPO 200K-FI ***	200	50	900	ball bearing	245	140 x 110	105 x 75–80	11	70
LH-SPO 201K	**BH-SPO 201K**	**LH-SPO 201K-FI**	200	50	900	ball bearing	245	140 x 110	105 x 75–80	11	70
LH-SPO 251G	**BH-SPO 251G**	**	250	50	900	plain bore	295	140 x 110	105 x 75–80	11	82
LH-SPO 251K	**BH-SPO 251K**	**	250	50	900	ball bearing	295	140 x 110	105 x 75–80	11	82
LH-SPO 250G *	**BH-SPO 250G ***	**	250	65	900	plain bore	295	140 x 110	105 x 75–80	11	82
LH-SPO 250K *	**BH-SPO 250K ***	**	250	65	900	ball bearing	295	140 x 110	105 x 75–80	11	82

* Extra heavy-duty wheel design

** "stop-top" brake version, see versions / options

Versions / options















	with thread guard, pressed steel, zinc-plated	with "stop-top" brake	with "central-stop" central brake system	with "ideal-stop" brake total height +17 mm	directional lock (separate) 1 x 360°	with steel foot guard	with stainless steel ball bearing in the wheel hub
Technical description page	116	112	113	112	115	116	84
Product code suffix	**-FA**	**-ST**	**-CS13**	**-IS**	**RI-05.03**	**-FS**	**-XK**
Available for	wheel Ø 150–200 mm	all	wheel Ø 160+200 mm	wheel Ø 160+200 mm***	wheel Ø 150–200 mm****	all	upon request*****

*** Synthetic adapter plate to balance out total height for swivel and fixed castors without "ideal-stop" brake: **product code AP3-17**

**** Only for swivel castors without brake or swivel castor with "stop-top" and "central-stop" brake upon request

*****Some dimensions may result in reduced load capacities

LHZ-SPO series

Pressed steel castors, heavy-duty design, with stem, with heavy-duty nylon wheel



750–900 kg

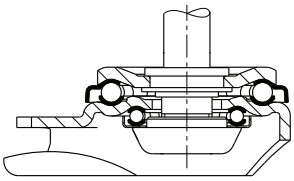
Bracket: LHZ series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- heavy fork and top plate
- double ball bearing in the swivel head
- very strong, welded steel plug-in stem, bolted and secured
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**

Wheel: SPO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, extremely robust heavy-duty version, colour natural white

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 355–356
- bearing types: page 84–85







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Swivel castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø [mm]	Stem length [mm]	Offset swivel castor [mm]
LHZ-SPO 127G	**LHZ-SPO 127G-FI**	125	50	750	plain bore	170	27	60	55
LHZ-SPO 127K	**LHZ-SPO 127K-FI**	125	50	750	ball bearing	170	27	60	55
LHZ-SPO 150G	**LHZ-SPO 150G-FI**	150	50	800	plain bore	197	27	60	65
LHZ-SPO 150K	**LHZ-SPO 150K-FI**	150	50	800	ball bearing	197	27	60	65
LHZ-SPO 160G	**LHZ-SPO 160G-FI**	160	50	850	plain bore	202	27	60	65
LHZ-SPO 160K	**LHZ-SPO 160K-FI**	160	50	850	ball bearing	202	27	60	65
LHZ-SPO 200G *	**LHZ-SPO 200G-FI ***	200	50	900	plain bore	245	27	60	70
LHZ-SPO 201G	**LHZ-SPO 201G-FI**	200	50	900	plain bore	245	27	60	70
LHZ-SPO 200K *	**LHZ-SPO 200K-FI ***	200	50	900	ball bearing	245	27	60	70
LHZ-SPO 201K	**LHZ-SPO 201K-FI**	200	50	900	ball bearing	245	27	60	70

* Extra heavy-duty wheel design

Versions / options



	with thread guard, pressed steel, zinc-plated	with “stop-top” brake	with stainless steel ball bearing in the wheel hub	with steel foot guard
Technical description page	116	112	84	116
Product code suffix	**-FA**	**-ST**	**-XK**	**-FS**
Available for	all	all	upon request**	upon request

** Some dimensions may result in reduced load capacities

LUH-SPO, BH-SPO series

Pressed steel castors, heavy-duty design, enclosed, with top plate, with heavy-duty nylon wheel



750–1,000 kg

Bracket: LUH/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- four-point ball bearing for extremely heavy loads
- enclosed and sealed swivel head
- particularly resistant to shocks and impact due to **specially-shaped, hardened bearing seats**

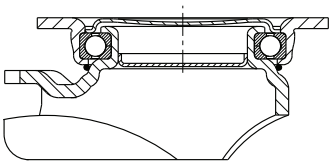
Wheel: SPO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, extremely robust heavy-duty version, colour natural white

Additional details:
- bracket series: page 93
- brakes: page 112–113
- wheel series: page 355–356
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LUH-SPO 127G	**BH-SPO 127G**	**LUH-SPO 127G-FI**	125	50	750	plain bore	170	140 x 110	105 x 75–80	11	55
LUH-SPO 127K	**BH-SPO 127K**	**LUH-SPO 127K-FI**	125	50	750	ball bearing	170	140 x 110	105 x 75–80	11	55
LUH-SPO 150G	**BH-SPO 150G**	**LUH-SPO 150G-FI**	150	50	800	plain bore	197	140 x 110	105 x 75–80	11	61
LUH-SPO 150K	**BH-SPO 150K**	**LUH-SPO 150K-FI**	150	50	800	ball bearing	197	140 x 110	105 x 75–80	11	61
LUH-SPO 160G	**BH-SPO 160G**	**LUH-SPO 160G-FI**	160	50	850	plain bore	202	140 x 110	105 x 75–80	11	61
LUH-SPO 160K	**BH-SPO 160K**	**LUH-SPO 160K-FI**	160	50	850	ball bearing	202	140 x 110	105 x 75–80	11	61
LUH-SPO 200G *	**BH-SPO 200G ***	**LUH-SPO 200G-FI ***	200	50	1,000	plain bore	245	140 x 110	105 x 75–80	11	63
LUH-SPO 201G	**BH-SPO 201G**	**LUH-SPO 201G-FI**	200	50	1,000	plain bore	245	140 x 110	105 x 75–80	11	63
LUH-SPO 200K *	**BH-SPO 200K ***	**LUH-SPO 200K-FI ***	200	50	1,000	ball bearing	245	140 x 110	105 x 75–80	11	63
LUH-SPO 201K	**BH-SPO 201K**	**LUH-SPO 201K-FI**	200	50	1,000	ball bearing	245	140 x 110	105 x 75–80	11	63

* Extra heavy-duty wheel design

Versions / options









	with thread guard, pressed steel, zinc-plated	directional lock (separate) 1 x 360°	with stainless steel ball bearing in the wheel hub	with steel foot guard
Technical description page	116	115	84	116
Product code suffix	**-FA**	**RI-05.03**	**-XK**	**-FS**
Available for	all	all**	upon request***	upon request

** Only for swivel castors without brake
*** Some dimensions may result in reduced load capacities

LO-SPO, BO-SPO series

Welded steel heavy-duty castors, with heavy-duty nylon wheel



750–1,250 kg

Bracket: LO/BO series
- solid welded steel construction, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- **four specially-shaped, hardened bearing seats** for additional strength
- bolted and secured welded central kingpin, extremely strong
- swivel head seal with labyrinth design
- grease nipple

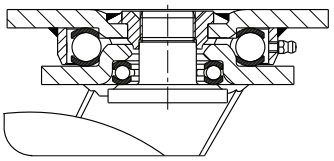
Wheel: SPO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, extremely robust heavy-duty version, colour natural white

Additional details:
- bracket series: page 93
- brakes: page 112–113
- wheel series: page 355–356
- bearing types: page 84–85









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Swivel castors	Fixed castors	Swivel castor with "stop-top" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LO-SPO 127G	**BO-SPO 127G**	**LO-SPO 127G-ST**	125	50	750	plain bore	170	140 x 110	105 x 75–80	11	50
LO-SPO 127K	**BO-SPO 127K**	**LO-SPO 127K-ST**	125	50	750	ball bearing	170	140 x 110	105 x 75–80	11	50
LO-SPO 150G	**BO-SPO 150G**	**LO-SPO 150G-ST**	150	50	800	plain bore	200	140 x 110	105 x 75–80	11	55
LO-SPO 150K	**BO-SPO 150K**	**LO-SPO 150K-ST**	150	50	800	ball bearing	200	140 x 110	105 x 75–80	11	55
LO-SPO 160G	**BO-SPO 160G**	**LO-SPO 160G-ST**	160	50	850	plain bore	205	140 x 110	105 x 75–80	11	55
LO-SPO 160K	**BO-SPO 160K**	**LO-SPO 160K-ST**	160	50	850	ball bearing	205	140 x 110	105 x 75–80	11	55
LO-SPO 201G	**BO-SPO 201G**	**LO-SPO 201G-ST**	200	50	1,000	plain bore	245	140 x 110	105 x 75–80	11	60
LO-SPO 200G *	**BO-SPO 200G ***	**LO-SPO 200G-ST ***	200	50	1,250	plain bore	245	140 x 110	105 x 75–80	11	60
LO-SPO 201K	**BO-SPO 201K**	**LO-SPO 201K-ST**	200	50	1,000	ball bearing	245	140 x 110	105 x 75–80	11	60
LO-SPO 200K *	**BO-SPO 200K ***	**LO-SPO 200K-ST ***	200	50	1,250	ball bearing	245	140 x 110	105 x 75–80	11	60
LO-SPO 251G	**BO-SPO 251G**	**LO-SPO 251G-ST**	250	50	1,200	plain bore	295	140 x 110	105 x 75–80	11	70
LO-SPO 251K	**BO-SPO 251K**	**LO-SPO 251K-ST**	250	50	1,200	ball bearing	295	140 x 110	105 x 75–80	11	70
LO-SPO 250G *	**BO-SPO 250G ***	**LO-SPO 250G-ST ***	250	65	1,200	plain bore	295	140 x 110	105 x 75–80	11	70
LO-SPO 250K *	**BO-SPO 250K ***	**LO-SPO 250K-ST ***	250	65	1,200	ball bearing	295	140 x 110	105 x 75–80	11	70

* Extra heavy-duty wheel design

Versions / options









	with directional lock 4 x 90°	with stainless steel ball bearing in the wheel hub	with steel foot guard	truck lock
Technical description page	115	84	116	114
Product code suffix	**-RI4**	**-XK**	**-FS**	**FF 125 / 150 / 160 / 200**
Available for	wheel Ø 125–200 mm	upon request**	upon request	wheel Ø 125–200 mm

** Some dimensions may result in reduced load capacities

LS-SPO, BS-SPO series

Welded steel heavy-duty castors, heavy-duty swivel head, with heavy-duty nylon wheel

750–2,000 kg



Bracket: LS/BS series
- particularly robust welded steel construction, zinc-plated, yellow-passivated, Cr6-free

Swivel bracket:
- axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head
- bolted and secured welded central kingpin, extremely strong
- dust and splash-proof
- grease nipple

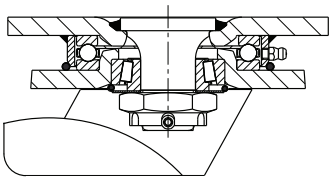
Wheel: SPO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, extremely robust heavy-duty version, colour natural white

Additional details:
- bracket series: page 94
- brakes: page 112–113
- wheel series: page 355–356
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castor with "stop-top" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LS-SPO 127G	**BS-SPO 127G**	**LS-SPO 127G-ST**	125	50	750	plain bore	170	140 x 110	105 x 75–80	11	50
LS-SPO 127K	**BS-SPO 127K**	**LS-SPO 127K-ST**	125	50	750	ball bearing	170	140 x 110	105 x 75–80	11	50
LS-SPO 150G	**BS-SPO 150G**	**LS-SPO 150G-ST**	150	50	800	plain bore	200	140 x 110	105 x 75–80	11	55
LS-SPO 150K	**BS-SPO 150K**	**LS-SPO 150K-ST**	150	50	800	ball bearing	200	140 x 110	105 x 75–80	11	55
LS-SPO 160G	**BS-SPO 160G**	**LS-SPO 160G-ST**	160	50	850	plain bore	205	140 x 110	105 x 75–80	11	55
LS-SPO 160K	**BS-SPO 160K**	**LS-SPO 160K-ST**	160	50	850	ball bearing	205	140 x 110	105 x 75–80	11	55
LS-SPO 200G *	**BS-SPO 200G ***	**LS-SPO 200G-ST ***	200	50	1,500	plain bore	245	140 x 110	105 x 75–80	11	60
LS-SPO 200K *	**BS-SPO 200K ***	**LS-SPO 200K-ST ***	200	50	1,500	ball bearing	245	140 x 110	105 x 75–80	11	60
LS-SPO 251G	**BS-SPO 251G**	**LS-SPO 251G-ST**	250	50	1,500	plain bore	305	175 x 140	140 x 105	14	75
LS-SPO 251K	**BS-SPO 251K**	**LS-SPO 251K-ST**	250	50	1,500	ball bearing	305	175 x 140	140 x 105	14	75
LS-SPO 250G *	**BS-SPO 250G ***	**LS-SPO 250G-ST ***	250	65	2,000	plain bore	305	175 x 140	140 x 105	14	75
LS-SPO 250K *	**BS-SPO 250K ***	**LS-SPO 250K-ST ***	250	65	2,000	ball bearing	305	175 x 140	140 x 105	14	75

* Extra heavy-duty wheel design

Versions / options



	with thread guard, pressed steel, zinc-plated	with directional lock 4 x 90°	with stainless steel ball bearing in the wheel hub	with steel foot guard	with spring-loaded foot guard	truck lock
Technical description page	116	115	84	116	116	114
Product code suffix	**-FA**	**-RI4**	**-XK**	**-FS**	**-FG**	**FF 125 / 150 / 160 / 200**
Available for	wheel Ø 125–200 mm	all	upon request**	all	upon request	wheel Ø 125–200 mm

** Some dimensions may result in reduced load capacities

LOD-SPO, BOD-SPO series

Welded steel twin wheel heavy-duty castors, with heavy-duty nylon wheels



630–1,200 kg

Bracket: LOD/BOD series
- solid welded steel construction, zinc-plated, blue-passivated, Cr6-free

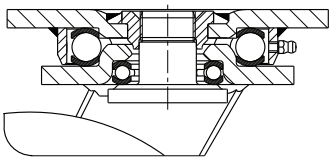
Swivel bracket:
- double ball bearing in the swivel head
- **four specially-shaped, hardened bearing seats** for additional strength
- bolted and secured welded central kingpin, extremely strong
- swivel head seal with labyrinth design
- grease nipple

Wheel: SPO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, extremely robust heavy-duty version, colour natural white

Additional details:
- bracket series: page 93
- wheel series: page 355–356
- bearing types: page 84–85







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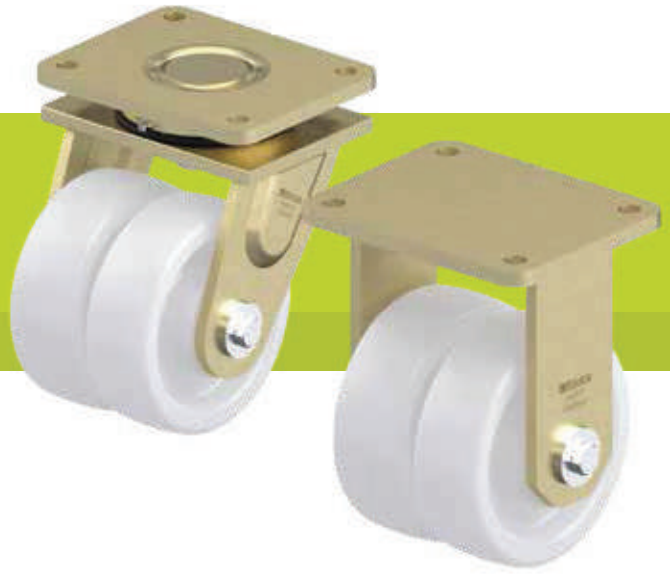
Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LOD-SPO 80K	**BOD-SPO 80K**	80	2 x 37	630	ball bearing	125	140 x 110	105 x 75–80	11	40
LOD-SPO 100K	**BOD-SPO 100K**	100	2 x 37	900	ball bearing	145	140 x 110	105 x 75–80	11	45
LOD-SPO 125K	**BOD-SPO 125K**	125	2 x 40	1,200	ball bearing	170	140 x 110	105 x 75–80	11	50

Fixed castors: long side of plate parallel to the wheel axle

LSD-SPO, BSD-SPO series

Welded steel heavy-duty twin wheel castors, heavy-duty swivel head, with heavy-duty nylon wheels

1,350–3,600 kg



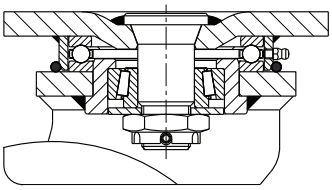
Bracket: LSD/BSD series
- particularly robust welded steel construction, zinc-plated, yellow-passivated, Cr6-free

Swivel bracket:
- axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head
- bolted and secured welded central kingpin, extremely strong
- dust and splash-proof
- grease nipple

Wheel: SPO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, extremely robust heavy-duty version, colour natural white

Additional details:
- bracket series: page 94
- brakes: page 112–113
- wheel series: page 355–356
- bearing types: page 84–85





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Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LSD-SPO 127K	**BSD-SPO 127K**	125	2 x 50	1,350	ball bearing	185	175 x 140	140 x 105	14	50
LSD-SPO 150K-35	**BSD-SPO 150K-35**	150	2 x 50	1,450	ball bearing	215	175 x 140	140 x 105	14	55
LSD-SPO 160K-35	**BSD-SPO 160K-35**	160	2 x 50	1,550	ball bearing	220	175 x 140	140 x 105	14	55
LSD-SPO 200K-35	**BSD-SPO 200K-35**	200	2 x 50	2,700	ball bearing	260	175 x 140	140 x 105	14	60
LSD-SPO 250K	**BSD-SPO 250K**	250	2 x 65	3,600	ball bearing	330	255 x 200	210 x 160	18	70

Fixed castors: long side of plate parallel to the wheel axle

Versions / options



	with “Radstop” wheel brake	with “Radstop” wheel brake	with directional lock 4 x 90°	with directional lock 4 x 90° (inserted by hand)	with steel foot guard
Technical description page	113	113	115	115	116
Product code suffix	**-RA**	**-RAH**	**-RI4**	**-RI4H**	**-FS**
Available for	up to wheel Ø 200 mm upon request	wheel Ø 250 mm upon request	up to wheel Ø 200 mm upon request	wheel Ø 250 mm upon request	upon request

GSPO series

Heavy-duty cast nylon wheels



100–50,000 kg

Tread and tyre hardness
80 Shore D

Smooth operation / floor preservation
satisfactory

Rolling resistance
excellent

Wear resistance
very good

Wheel:
- high-quality cast nylon, reaction-injected, impact resistant, hardness 80 Shore D
- extremely high load capacity
- excellent rolling and swivel resistance
- easy operation on smooth surfaces
- high abrasion resistance
- colour natural beige

Other features:
- high chemical resistance to many aggressive substances
- reduced moisture absorption
- operating temperature: -20 °C to +80 °C, reduced load capacity over +35 °C
- consider the surface pressure on sensitive floors due to high point loads

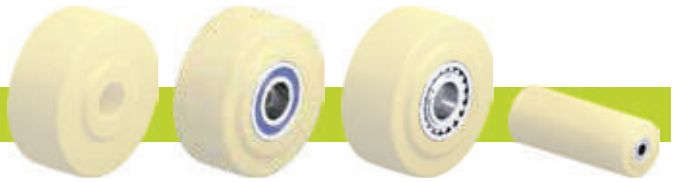
Additional details:
- wheel series: page 70
- tread: page 57
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
GSPO 35/8K	35	28	100 *	ball bearing	8	28
GSPO 50/15K	50	32	250 *	ball bearing	15	35
GSPO 60/15K	60	32	350 *	ball bearing	15	35
GSPO 65/15K	65	40	650 *	ball bearing	15	45
GSPO 80/20K	80	40	1,000 *	ball bearing	20	45
GSPO 100/20K	100	40	1,250 *	ball bearing	20	45
GSPO 101/25K	100	55	1,500 *	ball bearing	25	60
GSPO 125/25K	125	55	2,000 *	ball bearing	25	60
GSPO 150/30K	150	55	2,500	ball bearing	30	60
GSPO 152/35K	150	80	3,000 *	ball bearing	35	90
GSPO 200/35K	200	55	3,000	ball bearing	35	60
GSPO 202/45K	200	80	4,500 *	ball bearing	45	90
GSPO 250/45K	250	65	5,000	ball bearing	45	70
GSPO 252/50K	250	80	6,000	ball bearing	50	90
GSPO 300/55K	300	80	7,000	ball bearing	55	90
GSPO 302/70K	300	110	10,000	ball bearing	70	120
GSPO 400/80K	400	110	12,000	ball bearing	80	120
GSPO 500/100K	500	130	18,000	ball bearing	100	130
GSPO 600/100PR	600	150	22,000	spherical roller bearing	100	170
GSPO 700/130PR	700	200	30,000	spherical roller bearing	130	220
GSPO 1000/160PR	1,000	250	50,000	spherical roller bearing	160	280

* Load capacity test in compliance with DIN 12532 with extended breaks to avoid thermal overloading

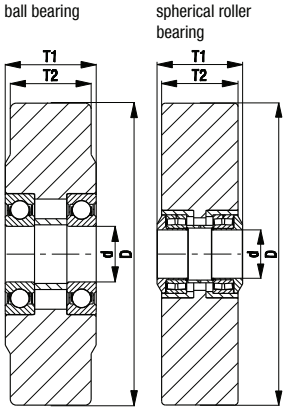
Other dimensions available upon request

Versions / options



	plain bore version	with stainless steel ball bearing in the wheel hub	with spherical roller bearing	other versions
Technical description page	84	84	85	
Product code suffix		**-XK**	**-PR**	
Available for	upon request	upon request**	upon request	upon request

** Some dimensions may result in reduced load capacities



LH-GSPO, BH-GSPO series

Pressed steel castors, heavy-duty design, with top plate, with heavy-duty wheel made of cast nylon

650–900 kg



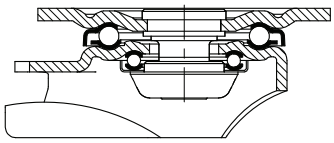
Bracket: LH/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- heavy fork and top plate

Swivel bracket:
- double ball bearing in the swivel head
- bolted and secured central kingpin, extremely strong
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**

Wheel: GSPO series
- high-quality cast nylon, reaction-injected, impact resistant, hardness 80 Shore D, colour natural beige

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 368
- bearing types: page 84–85





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Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-GSPO 65K	**BH-GSPO 65K**		65	40	650	ball bearing	97	100 x 85	80 x 60	9	45
LH-GSPO 80K	**BH-GSPO 80K**	**LH-GSPO 80K-FI**	80	40	700	ball bearing	120	100 x 85	80 x 60	9	45
LH-GSPO 100K-1	**BH-GSPO 100K-1**	**LH-GSPO 100K-1-FI**	100	40	700	ball bearing	140	100 x 85	80 x 60	9	45
LH-GSPO 100K-3	**BH-GSPO 100K-3**	**LH-GSPO 100K-3-FI**	100	40	700	ball bearing	140	140 x 110	105 x 75–80	11	45
LH-GSPO 125K	**BH-GSPO 125K**	**LH-GSPO 125K-FI**	125	55	900	ball bearing	170	140 x 110	105 x 75–80	11	55

Versions / options



	with "stop-top" brake	directional lock (separate) 1 x 360°	directional lock (separate) 1 x 360°	directional lock (separate) 1 x 360°	with steel foot guard	with stainless steel ball bearing in the wheel hub
Technical description page	112	115	115	115	116	84
Product code suffix	**-ST**	**RI-04.01**	**RI-04.03**	**RI-05.03**	**-FS**	**-XK**
Available for	wheel Ø 80–125 mm	wheel Ø 80–100 mm with plate 100x85 mm*	wheel Ø 100 mm with plate 140x110 mm*	wheel Ø 125 mm*	wheel Ø 80–125 mm	upon request**

* Only for swivel castors without brake or swivel castor with "stop-top" brake upon request
** Some dimensions may result in reduced load capacities

LS-GSPO, BS-GSPO series

Welded steel extra heavy-duty castors, extra heavy-duty swivel head, with heavy-duty wheel made of cast nylon

1,500–12,000 kg



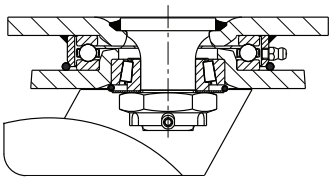
Bracket: LS/BS series
- particularly robust welded steel construction, zinc-plated, yellow-passivated, Cr6-free

Swivel bracket:
- axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head
- bolted and secured welded central kingpin, extremely strong
- dust and splash-proof
- grease nipple

Wheel: GSPO series
- high-quality cast nylon, reaction-injected, impact resistant, hardness 80 Shore D, colour natural beige

Additional details:
- bracket series: page 94
- brakes: page 112–113
- wheel series: page 368
- bearing types: page 84–85





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Swivel castors	Fixed castors	Swivel castor with “stop-top” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LS-GSPO 101K	**BS-GSPO 101K**	**LS-GSPO 101K-ST**	100	55	1,500	ball bearing	145	140 x 110	105 x 75–80	11	50
LS-GSPO 125K	**BS-GSPO 125K**	**LS-GSPO 125K-ST**	125	55	1,750	ball bearing	170	140 x 110	105 x 75–80	11	50
LS-GSPO 150K-35	**BS-GSPO 150K-35**	**LS-GSPO 150K-35-ST**	150	55	2,500	ball bearing	205	175 x 140	140 x 105	14	65
LS-GSPO 152K-35	**BS-GSPO 152K-35**	**LS-GSPO 152K-35-ST**	150	80	3,000	ball bearing	205	175 x 140	140 x 105	14	65
LS-GSPO 200K-35	**BS-GSPO 200K-35**	**LS-GSPO 200K-35-ST**	200	55	3,000	ball bearing	255	175 x 140	140 x 105	14	65
LS-GSPO 202K	**BS-GSPO 202K**	*	200	80	4,500	ball bearing	280	255 x 200	210 x 160	18	75
LS-GSPO 250K	**BS-GSPO 250K**	*	250	65	5,000	ball bearing	330	255 x 200	210 x 160	18	80
LS-GSPO 252K	**BS-GSPO 252K**	*	250	80	6,000	ball bearing	330	255 x 200	210 x 160	18	80
LS-GSPO 300K	**BS-GSPO 300K**	*	300	80	6,000	ball bearing	380	255 x 200	210 x 160	18	90
LS-GSPO 302K	**BS-GSPO 302K**	*	300	110	10,000	ball bearing	430	400 x 300	340 x 240	26	110
LS-GSPO 400K	**BS-GSPO 400K**	*	400	110	12,000	ball bearing	530	400 x 300	340 x 240	26	125

* “Radstop” brake version

Versions / options

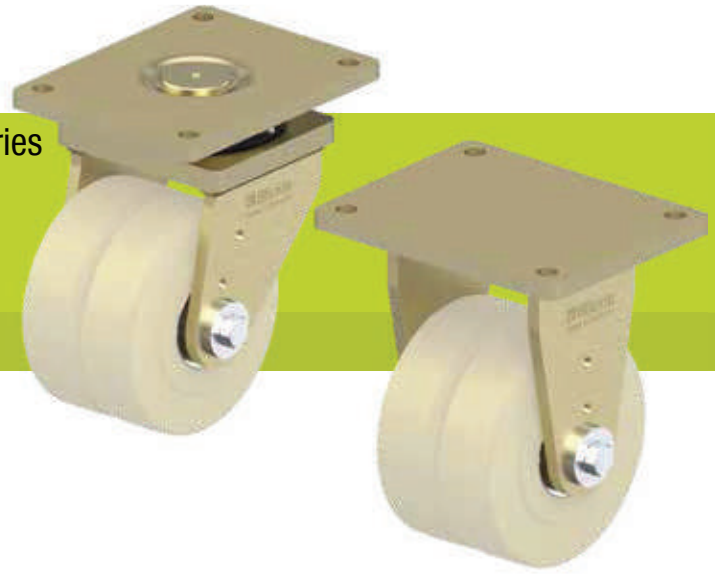


	with “Radstop” wheel brake	with directional lock 4 x 90°	with directional lock 4 x 90° (inserted by hand)	with steel foot guard	with stainless steel ball bearing in the wheel hub
Technical description page	113	115	115	116	84
Product code suffix	**-RAH**	**-RI4**	**-RI4H**	**-FS**	**-XK**
Available for	from wheel Ø 200x80 mm upon request	wheel Ø 100–200x55 mm	wheel Ø 200x80–400 mm upon request	wheel Ø 100–200 mm	upon request**

** Some dimensions may result in reduced load capacities

LSD-GSPO, BSD-GSPO, LSSD-GSPO, BSSD-GSPO series

Welded steel extra heavy-duty twin wheel castors, extra heavy-duty swivel head, with heavy-duty wheels made of cast nylon



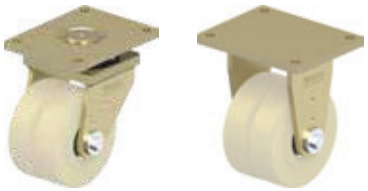
1,750–30,000 kg

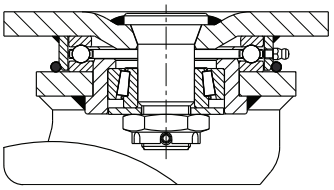
Bracket: LSD/BSD, LSSD/BSSD series
- particularly robust welded steel construction, zinc-plated, yellow-passivated, Cr6-free

Swivel bracket:
- axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head
- LSSD-GSPO 500K: four-point swivel bearing for extremely heavy loads
- bolted and secured welded central kingpin, extremely strong (with exception of LSSD-GSPO 500K)
- dust and splash-proof
- grease nipple

Wheel: GSPO series
- high-quality cast nylon, reaction-injected, impact resistant, hardness 80 Shore D, colour natural beige

Additional details:
- bracket series: page 94
- brakes: page 112–113
- wheel series: page 368
- bearing types: page 84–85





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Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LSD-GSPO 80K	**BSD-GSPO 80K**	80	2 x 40	1,750 *	ball bearing	125	140 x 110	105 x 75–80	11	40
LSD-GSPO 100K	**BSD-GSPO 100K**	100	2 x 40	2,250 *	ball bearing	160	175 x 140	140 x 105	14	45
LSD-GSPO 125K	**BSD-GSPO 125K**	125	2 x 55	3,600 *	ball bearing	205	255 x 200	210 x 160	18	50
LSD-GSPO 150K	**BSD-GSPO 150K**	150	2 x 55	4,500	ball bearing	230	255 x 200	210 x 160	18	55
LSD-GSPO 200K	**BSD-GSPO 200K**	200	2 x 55	5,400	ball bearing	290	255 x 200	210 x 160	18	60
LSD-GSPO 250K	**BSD-GSPO 250K**	250	2 x 65	9,000	ball bearing	380	400 x 300	340 x 240	26	110
LSD-GSPO 302K	**BSD-GSPO 302K**	300	2 x 110	18,000	ball bearing	500	500 x 400	400 x 300	33	110
LSD-GSPO 400K	**BSD-GSPO 400K**	400	2 x 110	20,000	ball bearing	600	500 x 400	400 x 300	33	125
LSSD-GSPO 500K	**BSSD-GSPO 500K**	500	2 x 130	30,000	ball bearing	675	500 x 500	400 x 400	39	150

* Load capacity test in compliance with DIN 12532 with extended breaks to avoid thermal overloading

Fixed castors: long side of plate parallel to the wheel axle

Versions / options



	image LSSD-GSPO 500K	with “Radstop” wheel brake	with directional lock 4 x 90°	with directional lock 4 x 90° (inserted by hand)	with steel foot guard
Technical description page		113	115	115	116
Product code suffix		**-RAH**	**-RI4**	**-RI4H**	**-FS**
Available for		upon request	wheel Ø 80–100 mm upon request	wheel Ø 125–500 mm upon request	upon request



7

Cast iron and steel wheels and castors



Selection tool

Cast iron and steel wheels and castors





Series	G	SVS
Tread / wheel centre	Grey cast iron	Heat-treatable steel
Tread and tyre hardness	180–220 HB	190–230 HB
Wheel Ø	80–250 mm	65–300 mm
Load capacity up to	1,400 kg	15,000 kg
Heat resistance	optional	upon request
Use on concrete floors	–	–
For a description of the wheel, refer to	page 376	page 382
For information about swivel and fixed castors, refer to	page 377–381	page 383–384

✔ yes – no

Blickle®

G series

Cast iron wheels



250–1,400 kg

Tread and tyre hardness
180–220 HB

Smooth operation / floor preservation
sufficient

Rolling resistance
excellent

Wear resistance
excellent

Wheel:
- rugged grey cast iron, hardness 180–220 HB
- with grease nipple
- extremely low rolling and swivel resistance
- outstanding wear resistance
- machined tread and edges
- lacquered, colour silver

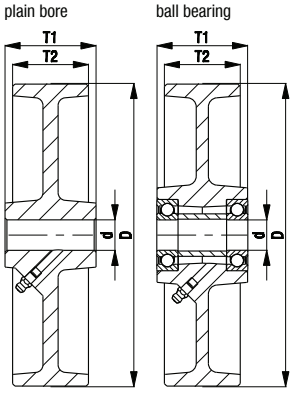
Other features:
- chemical resistance to many aggressive substances
- operating temperature:
  plain bore version: -100 °C to +600 °C
  ball bearing version: -20 °C to +120 °C
- consider the surface pressure on sensitive floors due to high point loads
- provide adequate lubrication on a regular basis for plain bore version
- to be lubricated according to the application temperature

Additional details:
- wheel series: page 70
- tread: page 59
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity up to +70 °C [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
G 80/12G	80	25	250	plain bore	12	35
G 80/15G	80	25	250	plain bore	15	35
G 100/15G	100	35	400	plain bore	15	45
G 100/15K	100	35	400	ball bearing	15	40
G 125/15G	125	35	450	plain bore	15	45
G 125/15K	125	35	450	ball bearing	15	45
G 127/20G	125	50	750	plain bore	20	60
G 127/20K	125	50	750	ball bearing	20	60
G 150/20G	150	50	900	plain bore	20	60
G 150/20K	150	50	900	ball bearing	20	60
G 200/20G	200	50	1,100	plain bore	20	60
G 200/20K	200	50	1,100	ball bearing	20	60
G 250/25G	250	60	1,400	plain bore	25	65
G 250/25K	250	60	1,400	ball bearing	25	70

Versions / options

	heat-resistant versions
Technical description page	59, 97–99
Product code suffix	
Available for	see page 468



L-G, B-G series

Pressed steel castors, medium-duty version, with top plate, with cast iron wheel



250–400 kg

Bracket: L/B series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 150 mm)
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

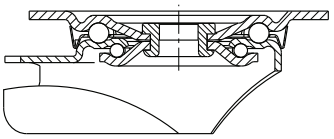
Wheel: G series
- rugged grey cast iron, hardness 180–220 HB, grease nipple, lacquered, colour silver

Additional details:
- bracket series: page 91
- brakes: page 112–113
- wheel series: page 376
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-G 80G	**B-G 80G**	**L-G 80G-FI**	80	25	200	plain bore	102	100 x 85	80 x 60	9	38
L-G 100G	**B-G 100G**	**L-G 100G-FI**	100	35	200	plain bore	125	100 x 85	80 x 60	9	36
L-G 125G	**B-G 125G**	**L-G 125G-FI**	125	35	200	plain bore	150	100 x 85	80 x 60	9	38
L-G 150G	**B-G 150G**	**L-G 150G-FI**	150	50	400	plain bore	190	140 x 110	105 x 75–80	11	60
L-G 200G	**B-G 200G**	**L-G 200G-FI**	200	50	400	plain bore	235	140 x 110	105 x 75–80	11	65

Versions / options



	with “stop-top” brake	directional lock (separate) 1 x 360°	directional lock (separate) 1 x 360°	with steel foot guard	heat-resistant versions
Technical description page	112	115	115	116	59, 97–99
Product code suffix	**-ST**	**RI-03.01**	**RI-05.03**	**-FS**	
Available for	all	wheel Ø 100–125 mm*	wheel Ø 150–200 mm*	wheel Ø 100–200 mm upon request	see series LI-G (page 469)

* Only for swivel castors without brake or swivel castor with “stop-top” brake upon request

LK-G, BK-G, BH-G series

Pressed steel castors, heavy-duty design, with top plate, with cast iron wheel

250–600 kg



Bracket: LK/BK/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 125x50 mm)
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

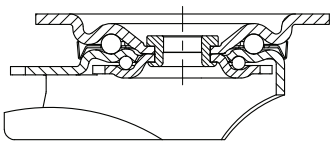
Wheel: G series
- rugged grey cast iron, hardness 180–220 HB, grease nipple, lacquered, colour silver

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 376
- bearing types: page 84–85









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Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-G 80G	**BK-G 80G**	**LK-G 80G-FI**	80	25	250	plain bore	110	100 x 85	80 x 60	9	40
LK-G 100G-1	**BK-G 100G-1**	**LK-G 100G-1-FI**	100	35	350	plain bore	130	100 x 85	80 x 60	9	45
LK-G 100K-1	**BK-G 100K-1**	**LK-G 100K-1-FI**	100	35	350	ball bearing	130	100 x 85	80 x 60	9	45
LK-G 100G-3	**BK-G 100G-3**	**LK-G 100G-3-FI**	100	35	350	plain bore	130	140 x 110	105 x 75–80	11	45
LK-G 100K-3	**BK-G 100K-3**	**LK-G 100K-3-FI**	100	35	350	ball bearing	130	140 x 110	105 x 75–80	11	45
LK-G 125G-1	**BK-G 125G-1**	**LK-G 125G-1-FI**	125	35	350	plain bore	155	100 x 85	80 x 60	9	48
LK-G 125K-1	**BK-G 125K-1**	**LK-G 125K-1-FI**	125	35	350	ball bearing	155	100 x 85	80 x 60	9	48
LK-G 125G-3	**BK-G 125G-3**	**LK-G 125G-3-FI**	125	35	350	plain bore	155	140 x 110	105 x 75–80	11	48
LK-G 125K-3	**BK-G 125K-3**	**LK-G 125K-3-FI**	125	35	350	ball bearing	155	140 x 110	105 x 75–80	11	48
LK-G 127G	**BH-G 127G**	**LK-G 127G-FI**	125	50	600	plain bore	170	140 x 110	105 x 75–80	11	55
LK-G 127K	**BH-G 127K**	**LK-G 127K-FI**	125	50	600	ball bearing	170	140 x 110	105 x 75–80	11	55
LK-G 150G	**BH-G 150G**	**LK-G 150G-FI**	150	50	600	plain bore	197	140 x 110	105 x 75–80	11	60
LK-G 150K	**BH-G 150K**	**LK-G 150K-FI**	150	50	600	ball bearing	197	140 x 110	105 x 75–80	11	60
LK-G 200G	**BH-G 200G**	**LK-G 200G-FI**	200	50	600	plain bore	245	140 x 110	105 x 75–80	11	62
LK-G 200K	**BH-G 200K**	**LK-G 200K-FI**	200	50	600	ball bearing	245	140 x 110	105 x 75–80	11	62

Versions / options



	with “stop-top” brake	directional lock (separate) 1 x 360°	directional lock (separate) 1 x 360°	directional lock (separate) 1 x 360°	with steel foot guard
Technical description page	112	115	115	115	116
Product code suffix	**-ST**	**RI-05.01**	**RI-03.03**	**RI-05.03**	**-FS**
Available for	all	Ø 80–125x35 with plate 100x85*	Ø 100–125x35 with plate 140x110*	wheel Ø 125x50–200 mm*	wheel Ø 100–200 mm upon request

* Only for swivel castors without brake or swivel castor with “stop-top” brake upon request

LH-G, BH-G series

Pressed steel castors, heavy-duty design, with top plate, with cast iron wheel

250–900 kg



Bracket: LH/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- heavy fork and top plate

Swivel bracket:
- double ball bearing in the swivel head
- bolted and secured central kingpin, extremely strong
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**

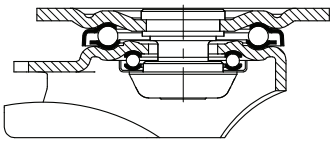
Wheel: G series
- rugged grey cast iron, hardness 180–220 HB, grease nipple, lacquered, colour silver

Additional details:
- bracket series: page 92
- brakes: page 112–113
- wheel series: page 376
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-G 80G	**BH-G 80G**	**LH-G 80G-FI**	80	25	250	plain bore	120	100 x 85	80 x 60	9	45
LH-G 100G-1	**BH-G 100G-1**	**LH-G 100G-1-FI**	100	35	400	plain bore	140	100 x 85	80 x 60	9	45
LH-G 100K-1	**BH-G 100K-1**	**LH-G 100K-1-FI**	100	35	400	ball bearing	140	100 x 85	80 x 60	9	45
LH-G 100G-3	**BH-G 100G-3**	**LH-G 100G-3-FI**	100	35	400	plain bore	140	140 x 110	105 x 75–80	11	45
LH-G 100K-3	**BH-G 100K-3**	**LH-G 100K-3-FI**	100	35	400	ball bearing	140	140 x 110	105 x 75–80	11	45
LH-G 125G-1	**BH-G 125G-1**	**LH-G 125G-1-FI**	125	35	450	plain bore	165	100 x 85	80 x 60	9	45
LH-G 125K-1	**BH-G 125K-1**	**LH-G 125K-1-FI**	125	35	450	ball bearing	165	100 x 85	80 x 60	9	45
LH-G 125G-3	**BH-G 125G-3**	**LH-G 125G-3-FI**	125	35	450	plain bore	165	140 x 110	105 x 75–80	11	45
LH-G 125K-3	**BH-G 125K-3**	**LH-G 125K-3-FI**	125	35	450	ball bearing	165	140 x 110	105 x 75–80	11	45
LH-G 127G	**BH-G 127G**	**LH-G 127G-FI**	125	50	750	plain bore	170	140 x 110	105 x 75–80	11	55
LH-G 127K	**BH-G 127K**	**LH-G 127K-FI**	125	50	750	ball bearing	170	140 x 110	105 x 75–80	11	55
LH-G 150G	**BH-G 150G**	**LH-G 150G-FI**	150	50	900	plain bore	197	140 x 110	105 x 75–80	11	65
LH-G 150K	**BH-G 150K**	**LH-G 150K-FI**	150	50	900	ball bearing	197	140 x 110	105 x 75–80	11	65
LH-G 200G	**BH-G 200G**	**LH-G 200G-FI**	200	50	900	plain bore	245	140 x 110	105 x 75–80	11	70
LH-G 200K	**BH-G 200K**	**LH-G 200K-FI**	200	50	900	ball bearing	245	140 x 110	105 x 75–80	11	70
LH-G 250G	**BH-G 250G**	*	250	60	900	plain bore	295	140 x 110	105 x 75–80	11	82
LH-G 250K	**BH-G 250K**	*	250	60	900	ball bearing	295	140 x 110	105 x 75–80	11	82

* “stop-top” brake version, see versions / options

Versions / options



	with “stop-top” brake	directional lock (separate) 1 x 360°	directional lock (separate) 1 x 360°	directional lock (separate) 1 x 360°	with steel foot guard	with spring-loaded foot guard	truck lock
Technical description page	112	115	115	115	116	116	114
Product code suffix	**-ST**	**RI-04.01**	**RI-04.03**	**RI-05.03**	**-FS**	**-FG**	**FF 125 / 150 / 200**
Available for	all	wheel Ø 80–125 mm with plate 100x85 mm**	Ø 100–125x35 with plate 140x110**	wheel Ø 125x50–200 mm**	wheel Ø 100–250 mm	upon request	wheel Ø 125x50–200 mm

** Only for swivel castors without brake or swivel castor with “stop-top” brake upon request

LO-G, BO-G series

Welded steel heavy-duty castors, with cast iron wheel



750–1,200 kg

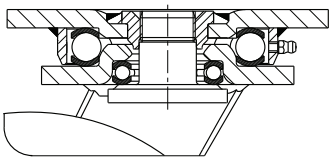
Bracket: LO/BO series
- solid welded steel construction, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- **four specially-shaped, hardened bearing seats** for additional strength
- bolted and secured welded central kingpin, extremely strong
- swivel head seal with labyrinth design
- grease nipple

Wheel: G series
- rugged grey cast iron, hardness 180–220 HB, grease nipple, lacquered, colour silver

Additional details:
- bracket series: page 93
- brakes: page 112–113
- wheel series: page 376
- bearing types: page 84–85





7

Swivel castors	Fixed castors	Swivel castor with "stop-top" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LO-G 127G	**BO-G 127G**	**LO-G 127G-ST**	125	50	750	plain bore	170	140 x 110	105 x 75–80	11	50
LO-G 127K	**BO-G 127K**	**LO-G 127K-ST**	125	50	750	ball bearing	170	140 x 110	105 x 75–80	11	50
LO-G 150G	**BO-G 150G**	**LO-G 150G-ST**	150	50	900	plain bore	200	140 x 110	105 x 75–80	11	55
LO-G 150K	**BO-G 150K**	**LO-G 150K-ST**	150	50	900	ball bearing	200	140 x 110	105 x 75–80	11	55
LO-G 200G	**BO-G 200G**	**LO-G 200G-ST**	200	50	1,100	plain bore	245	140 x 110	105 x 75–80	11	60
LO-G 200K	**BO-G 200K**	**LO-G 200K-ST**	200	50	1,100	ball bearing	245	140 x 110	105 x 75–80	11	60
LO-G 250G	**BO-G 250G**	**LO-G 250G-ST**	250	60	1,200	plain bore	295	140 x 110	105 x 75–80	11	70
LO-G 250K	**BO-G 250K**	**LO-G 250K-ST**	250	60	1,200	ball bearing	295	140 x 110	105 x 75–80	11	70

Versions / options









	with directional lock 4 x 90°	with steel foot guard	truck lock	heat-resistant versions
Technical description page	115	116	114	59, 97–99
Product code suffix	**-RI4**	**-FS**	**FF 125 / 150 / 200**	
Available for	wheel Ø 125–200 mm	upon request	wheel Ø 125–200 mm	see series LIO-G (page 470)

Blickle®

LS-G, BS-G series

Welded steel heavy-duty castors, heavy-duty swivel head, with cast iron wheel

750–1,400 kg



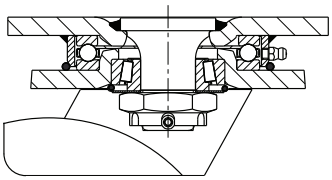
Bracket: LS/BS series
- particularly robust welded steel construction, zinc-plated, yellow-passivated, Cr6-free

Swivel bracket:
- axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head
- bolted and secured welded central kingpin, extremely strong
- dust and splash-proof
- grease nipple

Wheel: G series
- rugged grey cast iron, hardness 180–220 HB, grease nipple, lacquered, colour silver

Additional details:
- bracket series: page 94
- brakes: page 112–113
- wheel series: page 376
- bearing types: page 84–85





Swivel castors	Fixed castors	Swivel castor with "stop-top" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LS-G 127G	**BS-G 127G**	**LS-G 127G-ST**	125	50	750	plain bore	170	140 x 110	105 x 75–80	11	50
LS-G 127K	**BS-G 127K**	**LS-G 127K-ST**	125	50	750	ball bearing	170	140 x 110	105 x 75–80	11	50
LS-G 150G	**BS-G 150G**	**LS-G 150G-ST**	150	50	900	plain bore	200	140 x 110	105 x 75–80	11	55
LS-G 150K	**BS-G 150K**	**LS-G 150K-ST**	150	50	900	ball bearing	200	140 x 110	105 x 75–80	11	55
LS-G 200G	**BS-G 200G**	**LS-G 200G-ST**	200	50	1,100	plain bore	245	140 x 110	105 x 75–80	11	60
LS-G 200K	**BS-G 200K**	**LS-G 200K-ST**	200	50	1,100	ball bearing	245	140 x 110	105 x 75–80	11	60
LS-G 250G	**BS-G 250G**	**LS-G 250G-ST**	250	60	1,400	plain bore	305	175 x 140	140 x 105	14	75
LS-G 250K	**BS-G 250K**	**LS-G 250K-ST**	250	60	1,400	ball bearing	305	175 x 140	140 x 105	14	75

7

Versions / options



	with directional lock 4 x 90°	with steel foot guard	truck lock
Technical description page	115	116	114
Product code suffix	**-RI4**	**-FS**	**FF 125 / 150 / 200**
Available for	all	all	wheel Ø 125–200 mm

Blickle®

SVS series

Super heavy-duty solid steel wheels



750–15,000 kg

Tread and tyre hardness
190–230 HB

Smooth operation / floor preservation
sufficient

Rolling resistance
excellent

Wear resistance
excellent

Wheel:
- heat-treatable steel, machined, hardness 190–230 HB
- slightly crowned tread
- lightly-oiled surface
- extremely low rolling resistance
- easy operation on smooth surfaces
- outstanding wear resistance
- extremely high static and dynamic load capacity

Other features:
- chemical resistance to many aggressive substances
- operating temperature: -20 °C to +120 °C
- consider the surface pressure on sensitive floors due to high point loads

Additional details:
- wheel series: page 70
- tread: page 59
- bearing types: page 84–85
- chemical resistance: page 51

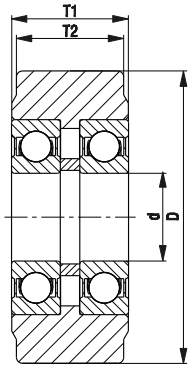
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
SVS 65/20K	65	40	750	ball bearing	20	45
SVS 80/20K	80	40	1,100	ball bearing	20	45
SVS 100/25K	100	40	1,700	ball bearing	25	45
SVS 127/30K	125	55	2,750	ball bearing	30	60
SVS 150/45K	150	55	4,000	ball bearing	45	60
SVS 201/50K	200	55	6,000	ball bearing	50	60
SVS 200/60K	200	80	7,000	ball bearing	60	90
SVS 250/70K	250	65	10,000	ball bearing	70	75
SVS 300/100K	300	90	15,000	ball bearing	100	100

Other dimensions available upon request

Versions / options



	with spherical roller bearing	other versions
Technical description page	85	
Product code suffix	**-PR**	
Available for	upon request	upon request



LH-SVS, BH-SVS series

Pressed steel castors, heavy-duty design, with top plate, with extra heavy-duty solid steel wheel



700–900 kg

Bracket: LH/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- heavy fork and top plate

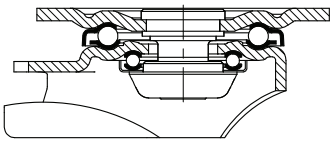
Swivel bracket:
- double ball bearing in the swivel head
- bolted and secured central kingpin, extremely strong
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**

Wheel: SVS series
- heat-treatable steel, hardness 190–230 HB, slightly crowned tread

Additional details:
- bracket series: page 92
- wheel series: page 382
- bearing types: page 84–85







Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-SVS 65K	**BH-SVS 65K**	65	40	700	ball bearing	97	100 x 85	80 x 60	9	45
LH-SVS 80K	**BH-SVS 80K**	80	40	700	ball bearing	120	100 x 85	80 x 60	9	45
LH-SVS 100K-1	**BH-SVS 100K-1**	100	40	700	ball bearing	140	100 x 85	80 x 60	9	45
LH-SVS 100K-3	**BH-SVS 100K-3**	100	40	700	ball bearing	140	140 x 110	105 x 75–80	11	45
LH-SVS 127K	**BH-SVS 127K**	125	55	900	ball bearing	170	140 x 110	105 x 75–80	11	55

Versions / options











	directional lock (separate) 1 x 360°	directional lock (separate) 1 x 360°	directional lock (separate) 1 x 360°	with steel foot guard	truck lock
Technical description page	115	115	115	116	112
Product code suffix	**RI-04.01**	**RI-04.03**	**RI-05.03**	**-FS**	**FF 125**
Available for	wheel Ø 80–100 mm with plate 100x85 mm	wheel Ø 100 mm with plate 140x110 mm	wheel Ø 125 mm	wheel Ø 125 mm upon request	wheel Ø 125 mm

LS-SVS, BS-SVS series

Welded steel extra heavy-duty castors, extra heavy-duty swivel head, with extra heavy-duty wheel made of solid steel



1,700–12,000 kg

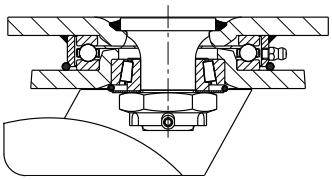
Bracket: LS/BS series
- particularly robust welded steel construction, zinc-plated, yellow-passivated, Cr6-free

Swivel bracket:
- axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head
- bolted and secured welded central kingpin, extremely strong
- dust and splash-proof
- grease nipple

Wheel: SVS series
- heat-treatable steel, hardness 190–230 HB, slightly crowned tread

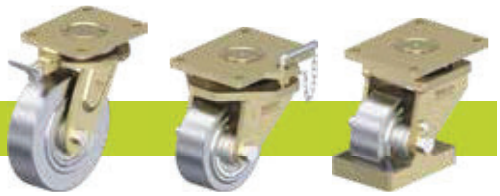
Additional details:
- bracket series: page 94
- wheel series: page 382
- bearing types: page 84–85





Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LS-SVS 100K	**BS-SVS 100K**	100	40	1,700	ball bearing	145	140 x 110	105 x 75–80	11	50
LS-SVS 127K	**BS-SVS 127K**	125	55	1,750	ball bearing	170	140 x 110	105 x 75–80	11	50
LS-SVS 150K-35	**BS-SVS 150K-35**	150	55	3,000	ball bearing	205	175 x 140	140 x 105	14	65
LS-SVS 201K	**BS-SVS 201K**	200	55	3,000	ball bearing	255	175 x 140	140 x 105	14	65
LS-SVS 200K	**BS-SVS 200K**	200	80	6,000	ball bearing	280	255 x 200	210 x 160	18	75
LS-SVS 250K	**BS-SVS 250K**	250	65	10,000	ball bearing	380	400 x 300	340 x 240	26	110
LS-SVS 300K	**BS-SVS 300K**	300	90	12,000	ball bearing	430	400 x 300	340 x 240	26	110

Versions / options



	with directional lock 4 x 90°	with directional lock 4 x 90° (inserted by hand)	with steel foot guard
Technical description page	115	115	116
Product code suffix	**-RI4**	**-RI4H**	**-FS**
Available for	wheel Ø 100–200x55 mm	wheel Ø 200x80–300 mm upon request	wheel Ø 100–200 mm



8

Stainless steel castors



Selection tool

Stainless steel castors







Series	TPA	VPA	VPP	POEV	PATH
Tread / tyre	Thermoplastic rubber-elastomer (TPE)	Solid rubber		Elastic solid rubber, smooth rolling quality, “Blickle Easy Roll”	Thermoplastic polyurethane (TPU)
Tread and tyre hardness	85 Shore A	80 Shore A	80 Shore A	65 Shore A	94 Shore A
Non-marking	✔ (tread contains oil)	✔	✔	✔	✔
Electrical conductivity	optional	–	–	optional	optional
Wheel centre / rim	polypropylene	nylon	polypropylene	nylon	nylon
Wheel Ø	50–200 mm	50–125 mm	80–200 mm	80–200 mm	50–200 mm
Load capacity up to	250 kg	120 kg	205 kg	500 kg	300 kg
Rolling resistance	■■■■□	■■□□□	■■□□□	■■■■□	■■■■□
Smooth operation and floor preservation	■■■□□	■■■■□	■■■■□	■■■■□	■■■□□
Washing machine-proof kitchen castors (DIN 18867-8)	optional	–	–	optional	optional
For a description of the wheel, refer to	page 122, 186	page 127	page 189–190	page 212–213	page 136, 258
For information about swivel and fixed castors, refer to	page 390–391, 399–400	page 392–393	page 401–402	page 403–406	page 394–395, 407–408

■■■■■ excellent ■■■■ very good ■■■ good ■■ satisfactory ■ adequate ✔ yes – no







POTHS	POTH	POBS	PO	SPO
Thermoplastic polyurethane (TPU)		Polyurethane elastomer Blickle Besthane® Soft	Nylon	
80 Shore A	94 Shore A	75 Shore A	70 Shore D	70 Shore D
✔	✔	✔	✔	✔
–	–	–	optional	–
nylon	nylon	nylon	nylon	nylon
100–200 mm	75–200 mm	80–200 mm	50–200 mm	80–200 mm
400 kg	800 kg	500 kg	400 kg	800 kg
■■■■□	■■■■□	■■■■■	■■■■■	■■■■■
■■■■□	■■■□□	■■■■□	■■□□□	■■□□□
–	–	–	–	–
page 270	page 263	page 318	page 343–344	page 355–356
page 409–412	page 413–414	page 415–416	page 396–397, 417–420	page 421

LRXA-TPA, BRXA-TPA, LKRXA-TPA, BKRXA-TPA series

Stainless steel light-duty castors with bolt hole, wheel with thermoplastic rubber tread

50–120 kg



Bracket: LRXA/BRXA, LKRXA/BKRXA series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- all parts including axle material are corrosion-resistant

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: TPA series
- tread: high-quality thermoplastic rubber-elastomer (TPE), hardness 85 Shore A, colour grey, non-marking, oil containing
- wheel centre: high-quality polypropylene, impact resistant, colour silver grey ("-ELS" version colour black)

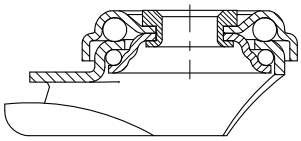
Additional details:
- bracket series: page 95
- brakes: page 112–113
- wheel series: page 60
- bearing types: page 84–85

INOX





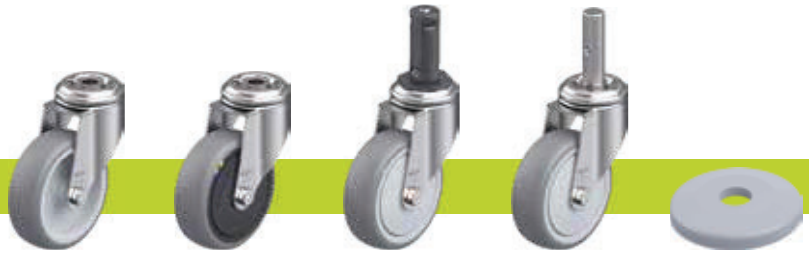




Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LRXA-TPA 50G	**BRXA-TPA 50G**	**LRXA-TPA 50G-FI**	50	19	50	plain bore	69	43	11	23
LRXA-TPA 50KFD	**BRXA-TPA 50KFD**	**LRXA-TPA 50KFD-FI**	50	19	50	ball bearing (C)	69	43	11	23
LRXA-TPA 75G	**BRXA-TPA 75G**	**LRXA-TPA 75G-FI**	75	25	75	plain bore	98	43	11	29
LRXA-TPA 75KFD	**BRXA-TPA 75KFD**	**LRXA-TPA 75KFD-FI**	75	25	75	ball bearing (C)	98	43	11	29
LKRXA-TPA 80G	**BKRXA-TPA 80G**	**LKRXA-TPA 80G-FI**	80	32	100	plain bore	108	57	13	40
LKRXA-TPA 80G-11		**LKRXA-TPA 80G-11-FI**	80	32	100	plain bore	108	57	11	40
LKRXA-TPA 80KFD	**BKRXA-TPA 80KFD**	**LKRXA-TPA 80KFD-FI**	80	32	100	ball bearing (C)	108	57	13	40
LKRXA-TPA 80KFD-11		**LKRXA-TPA 80KFD-11-FI**	80	32	100	ball bearing (C)	108	57	11	40
LKRXA-TPA 101G	**BKRXA-TPA 101G**	**LKRXA-TPA 101G-FI**	100	32	110	plain bore	133	57	13	40
LKRXA-TPA 101G-11		**LKRXA-TPA 101G-11-FI**	100	32	110	plain bore	133	57	11	40
LKRXA-TPA 101KFD	**BKRXA-TPA 101KFD**	**LKRXA-TPA 101KFD-FI**	100	32	110	ball bearing (C)	133	57	13	40
LKRXA-TPA 101KFD-11		**LKRXA-TPA 101KFD-11-FI**	100	32	110	ball bearing (C)	133	57	11	40
LKRXA-TPA 126G	**BKRXA-TPA 126G**	**LKRXA-TPA 126G-FI**	125	32	120	plain bore	158	57	13	40
LKRXA-TPA 126G-11		**LKRXA-TPA 126G-11-FI**	125	32	120	plain bore	158	57	11	40
LKRXA-TPA 126KFD	**BKRXA-TPA 126KFD**	**LKRXA-TPA 126KFD-FI**	125	32	120	ball bearing (C)	158	57	13	40
LKRXA-TPA 126KFD-11		**LKRXA-TPA 126KFD-11-FI**	125	32	120	ball bearing (C)	158	57	11	40

8

Versions / options



	plain bore version	electrically conductive version, non-marking grey	with synthetic expander fitting, corrosion-resistant	with plug-in stem made of stainless steel	buffers
Technical description page		50	105	104	116
Product code suffix		**-ELS**	**see page 398**	**see page 398**	**AG / ARG series**
Available for		all*	swivel castors with bolt hole Ø 11 mm (except ELS)	swivel castors with wheel Ø 125 mm and bolt hole Ø 13 mm**	see page 398

* Wheel load capacity of electrically conductive version reduced by 35%
** In accordance with DIN 18867-8 (large-scale catering equipment)

LPXA-TPA, BPXA-TPA, LKPXA-TPA, BKPXA-TPA series

Stainless steel light-duty castors with top plate, wheel with thermoplastic rubber tread

50–120 kg



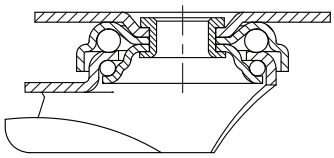
Bracket: LPXA/BPXA, LKPXA/BKPXA series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- all parts including axle material are corrosion-resistant

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: TPA series
- tread: high-quality thermoplastic rubber-elastomer (TPE), hardness 85 Shore A, colour grey, non-marking, oil containing
- wheel centre: high-quality polypropylene, impact resistant, colour silver grey ("-ELS" version colour black)

Additional details:
- bracket series: page 96
- brakes: page 112–113
- wheel series: page 60
- bearing types: page 84–85





Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LPXA-TPA 50G	**BPXA-TPA 50G**	**LPXA-TPA 50G-FI**	50	19	50	plain bore	71	60 x 60	38 x 38 / 48 x 48	6.2	23
LPXA-TPA 50KFD	**BPXA-TPA 50KFD**	**LPXA-TPA 50KFD-FI**	50	19	50	ball bearing (C)	71	60 x 60	38 x 38 / 48 x 48	6.2	23
LPXA-TPA 75G	**BPXA-TPA 75G**	**LPXA-TPA 75G-FI**	75	25	75	plain bore	100	60 x 60	38 x 38 / 48 x 48	6.2	29
LPXA-TPA 75KFD	**BPXA-TPA 75KFD**	**LPXA-TPA 75KFD-FI**	75	25	75	ball bearing (C)	100	60 x 60	38 x 38 / 48 x 48	6.2	29
LKPXA-TPA 80G	**BKPXA-TPA 80G**	**LKPXA-TPA 80G-FI**	80	32	100	plain bore	111	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPXA-TPA 80KFD	**BKPXA-TPA 80KFD**	**LKPXA-TPA 80KFD-FI**	80	32	100	ball bearing (C)	111	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPXA-TPA 101G	**BKPXA-TPA 101G**	**LKPXA-TPA 101G-FI**	100	32	110	plain bore	136	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPXA-TPA 101KFD	**BKPXA-TPA 101KFD**	**LKPXA-TPA 101KFD-FI**	100	32	110	ball bearing (C)	136	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPXA-TPA 126G-26 *	**BKPXA-TPA 126G-26 ***	**LKPXA-TPA 126G-26-FI ***	125	32	120	plain bore	161	90 x 66	75 x 50	8.5	40
LKPXA-TPA 126G	**BKPXA-TPA 126G**	**LKPXA-TPA 126G-FI**	125	32	120	plain bore	161	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPXA-TPA 126KFD-26 *	**BKPXA-TPA 126KFD-26 ***	**LKPXA-TPA 126KFD-26-FI ***	125	32	120	ball bearing (C)	161	90 x 66	75 x 50	8.5	40
LKPXA-TPA 126KFD	**BKPXA-TPA 126KFD**	**LKPXA-TPA 126KFD-FI**	125	32	120	ball bearing (C)	161	90 x 66	75 x 45 / 61 x 51	8.5	40

* Plate dimensions in accordance with DIN 18867-8 (large-scale catering equipment)

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Versions / options



	plain bore version	electrically conductive version, non-marking grey
Technical description page		50
Product code suffix		**-ELS**
Available for		all**

** Wheel load capacity of electrically conductive version reduced by 35%

LRXA-VPA, BRXA-VPA, LKRXA-VPA, BKRXA-VPA series

Stainless steel light-duty castors with bolt hole, wheel with solid rubber tyres

40–120 kg



Bracket: LRXA/BRXA, LKRXA/BKRXA series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- all parts including axle material are corrosion-resistant

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: VPA series
- tyre: high-quality solid rubber, hardness 80 Shore A, colour grey, non-marking, non-staining
- rim: high-quality nylon 6, impact resistant, colour black

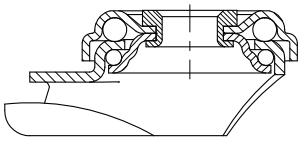
Additional details:
- bracket series: page 95
- brakes: page 112–113
- wheel series: page 60
- bearing types: page 84–85

INOX









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LRXA-VPA 50G	**BRXA-VPA 50G**	**LRXA-VPA 50G-FI**	50	18	40	plain bore	69	43	11	23
LRXA-VPA 75G	**BRXA-VPA 75G**	**LRXA-VPA 75G-FI**	75	25	60	plain bore	98	43	11	29
LKRXA-VPA 80G	**BKRXA-VPA 80G**	**LKRXA-VPA 80G-FI**	80	25	80	plain bore	108	57	13	40
LKRXA-VPA 80G-11		**LKRXA-VPA 80G-11-FI**	80	25	80	plain bore	108	57	11	40
LKRXA-VPA 101G	**BKRXA-VPA 101G**	**LKRXA-VPA 101G-FI**	100	32	110	plain bore	133	57	13	40
LKRXA-VPA 101G-11		**LKRXA-VPA 101G-11-FI**	100	32	110	plain bore	133	57	11	40
LKRXA-VPA 125G	**BKRXA-VPA 125G**	**LKRXA-VPA 125G-FI**	125	25	100	plain bore	158	57	13	40
LKRXA-VPA 125G-11		**LKRXA-VPA 125G-11-FI**	125	25	100	plain bore	158	57	11	40
LKRXA-VPA 126G	**BKRXA-VPA 126G**	**LKRXA-VPA 126G-FI**	125	32	120	plain bore	158	57	13	40
LKRXA-VPA 126G-11		**LKRXA-VPA 126G-11-FI**	125	32	120	plain bore	158	57	11	40

Versions / options



	with synthetic expander fitting, corrosion-resistant	buffers
Technical description page	105	116
Product code suffix	**see page 398**	**AG / ARG series**
Available for	swivel castors with bolt hole Ø 11 mm	see page 398

LPXA-VPA, BPXA-VPA, LKPXA-VPA, BKPXA-VPA series

Stainless steel light-duty castors with top plate, wheel with solid rubber tyres

40–120 kg



Bracket: LPXA/BPXA, LKPXA/BKPXA series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- all parts including axle material are corrosion-resistant

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

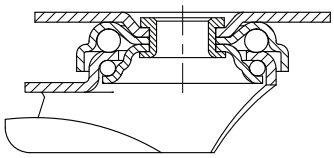
Wheel: VPA series
- tyre: high-quality solid rubber, hardness 80 Shore A, colour grey, non-marking, non-staining
- rim: high-quality nylon 6, impact resistant, colour black

Additional details:
- bracket series: page 96
- brakes: page 112–113
- wheel series: page 60
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LPXA-VPA 50G	**BPXA-VPA 50G**	**LPXA-VPA 50G-FI**	50	18	40	plain bore	71	60 x 60	38 x 38 / 48 x 48	6.2	23
LPXA-VPA 75G	**BPXA-VPA 75G**	**LPXA-VPA 75G-FI**	75	25	60	plain bore	100	60 x 60	38 x 38 / 48 x 48	6.2	29
LKPXA-VPA 80G	**BKPXA-VPA 80G**	**LKPXA-VPA 80G-FI**	80	25	80	plain bore	111	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPXA-VPA 101G	**BKPXA-VPA 101G**	**LKPXA-VPA 101G-FI**	100	32	110	plain bore	136	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPXA-VPA 125G	**BKPXA-VPA 125G**	**LKPXA-VPA 125G-FI**	125	25	100	plain bore	161	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPXA-VPA 126G	**BKPXA-VPA 126G**	**LKPXA-VPA 126G-FI**	125	32	120	plain bore	161	90 x 66	75 x 45 / 61 x 51	8.5	40

LRXA-, BRXA-, LKRXA-, BKRXA-PATH series

Stainless steel light-duty castors with bolt hole, wheel with thermoplastic polyurethane tread



75–120 kg

Bracket: LRXA/BRXA, LKRXA/BKRXA series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- all parts including axle material are corrosion-resistant

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: PATH series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A, colour dark grey, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour silver grey

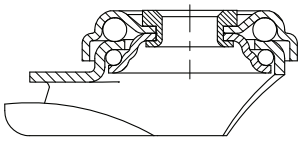
Additional details:
- bracket series: page 95
- brakes: page 112–113
- wheel series: page 61
- bearing types: page 84–85

INOX









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LRXA-PATH 50G	**BRXA-PATH 50G**	**LRXA-PATH 50G-FI**	50	19	75	plain bore	69	43	11	23
LRXA-PATH 50KFD	**BRXA-PATH 50KFD**	**LRXA-PATH 50KFD-FI**	50	19	75	ball bearing (C)	69	43	11	23
LRXA-PATH 75G	**BRXA-PATH 75G**	**LRXA-PATH 75G-FI**	75	25	75	plain bore	98	43	11	29
LRXA-PATH 75KFD	**BRXA-PATH 75KFD**	**LRXA-PATH 75KFD-FI**	75	25	75	ball bearing (C)	98	43	11	29
LKRXA-PATH 80G	**BKRXA-PATH 80G**	**LKRXA-PATH 80G-FI**	80	32	120	plain bore	108	57	13	40
LKRXA-PATH 80G-11		**LKRXA-PATH 80G-11-FI**	80	32	120	plain bore	108	57	11	40
LKRXA-PATH 80KFD	**BKRXA-PATH 80KFD**	**LKRXA-PATH 80KFD-FI**	80	32	120	ball bearing (C)	108	57	13	40
LKRXA-PATH 80KFD-11		**LKRXA-PATH 80KFD-11-FI**	80	32	120	ball bearing (C)	108	57	11	40
LKRXA-PATH 101G	**BKRXA-PATH 101G**	**LKRXA-PATH 101G-FI**	100	32	120	plain bore	133	57	13	40
LKRXA-PATH 101G-11		**LKRXA-PATH 101G-11-FI**	100	32	120	plain bore	133	57	11	40
LKRXA-PATH 101KFD	**BKRXA-PATH 101KFD**	**LKRXA-PATH 101KFD-FI**	100	32	120	ball bearing (C)	133	57	13	40
LKRXA-PATH 101KFD-11		**LKRXA-PATH 101KFD-11-FI**	100	32	120	ball bearing (C)	133	57	11	40
LKRXA-PATH 126G	**BKRXA-PATH 126G**	**LKRXA-PATH 126G-FI**	125	32	120	plain bore	158	57	13	40
LKRXA-PATH 126G-11		**LKRXA-PATH 126G-11-FI**	125	32	120	plain bore	158	57	11	40
LKRXA-PATH 126KFD	**BKRXA-PATH 126KFD**	**LKRXA-PATH 126KFD-FI**	125	32	120	ball bearing (C)	158	57	13	40
LKRXA-PATH 126KFD-11		**LKRXA-PATH 126KFD-11-FI**	125	32	120	ball bearing (C)	158	57	11	40

Versions / options



	plain bore version	electrically conductive version, non-marking grey	with synthetic expander fitting, corrosion-resistant	with plug-in stem made of stainless steel	buffers
Technical description page		50	105	104	116
Product code suffix		**-ELS**	**see page 398**	**see page 398**	**AG / ARG series**
Available for		ball bearing versions*	swivel castors with bolt hole Ø 11 mm (except ELS)	swivel castors with wheel Ø 125 mm and bolt hole Ø 13 mm**	see page 398

* Wheel load capacity of electrically conductive version reduced by 35%
** In accordance with DIN 18867-8 (large-scale catering equipment)

LPXA-, BPXA-, LKPXA-, BKPXA-PATH series

Stainless steel light-duty castors with top plate, wheel with thermoplastic polyurethane tread

75–120 kg



Bracket: LPXA/BPXA, LKPXA/BKPXA series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- all parts including axle material are corrosion-resistant

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

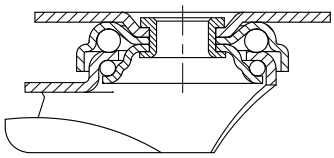
Wheel: PATH series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A, colour dark grey, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour silver grey

Additional details:
- bracket series: page 96
- brakes: page 112–113
- wheel series: page 61
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LPXA-PATH 50G	**BPXA-PATH 50G**	**LPXA-PATH 50G-FI**	50	19	75	plain bore	71	60 x 60	38 x 38 / 48 x 48	6.2	23
LPXA-PATH 50KFD	**BPXA-PATH 50KFD**	**LPXA-PATH 50KFD-FI**	50	19	75	ball bearing (C)	71	60 x 60	38 x 38 / 48 x 48	6.2	23
LPXA-PATH 75G	**BPXA-PATH 75G**	**LPXA-PATH 75G-FI**	75	25	75	plain bore	100	60 x 60	38 x 38 / 48 x 48	6.2	29
LPXA-PATH 75KFD	**BPXA-PATH 75KFD**	**LPXA-PATH 75KFD-FI**	75	25	75	ball bearing (C)	100	60 x 60	38 x 38 / 48 x 48	6.2	29
LKPXA-PATH 80G	**BKPXA-PATH 80G**	**LKPXA-PATH 80G-FI**	80	32	120	plain bore	111	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPXA-PATH 80KFD	**BKPXA-PATH 80KFD**	**LKPXA-PATH 80KFD-FI**	80	32	120	ball bearing (C)	111	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPXA-PATH 101G	**BKPXA-PATH 101G**	**LKPXA-PATH 101G-FI**	100	32	120	plain bore	136	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPXA-PATH 101KFD	**BKPXA-PATH 101KFD**	**LKPXA-PATH 101KFD-FI**	100	32	120	ball bearing (C)	136	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPXA-PATH 126G-26 *	**BKPXA-PATH 126G-26 ***	**LKPXA-PATH 126G-26-FI ***	125	32	120	plain bore	161	90 x 66	75 x 50	8.5	40
LKPXA-PATH 126G	**BKPXA-PATH 126G**	**LKPXA-PATH 126G-FI**	125	32	120	plain bore	161	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPXA-PATH 126KFD-26 *	**BKPXA-PATH 126KFD-26 ***	**LKPXA-PATH 126KFD-26-FI ***	125	32	120	ball bearing (C)	161	90 x 66	75 x 50	8.5	40
LKPXA-PATH 126KFD	**BKPXA-PATH 126KFD**	**LKPXA-PATH 126KFD-FI**	125	32	120	ball bearing (C)	161	90 x 66	75 x 45 / 61 x 51	8.5	40

* Plate dimensions in accordance with DIN 18867-8 (large-scale catering equipment)

Versions / options





	plain bore version	electrically conductive version, non-marking grey
Technical description page		50
Product code suffix		**-ELS**
Available for		ball bearing versions**

** Wheel load capacity of electrically conductive version reduced by 35%

LRXA-PO, BRXA-PO, LKRXA-PO, BKRXA-PO series

Stainless steel light-duty castors with bolt hole, with nylon wheel

75–120 kg



Bracket: LRXA/BRXA, LKRXA/BKRXA series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- all parts including axle material are corrosion-resistant

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

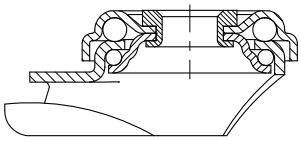
Wheel: PO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour natural white

Additional details:
- bracket series: page 95
- brakes: page 112–113
- wheel series: page 69
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LRXA-PO 50G	**BRXA-PO 50G**	**LRXA-PO 50G-FI**	50	18	75	plain bore	69	43	11	23
LRXA-PO 76G	**BRXA-PO 76G**	**LRXA-PO 76G-FI**	75	23	75	plain bore	98	43	11	29
LKRXA-PO 80G	**BKRXA-PO 80G**	**LKRXA-PO 80G-FI**	80	32	120	plain bore	108	57	13	40
LKRXA-PO 80G-11		**LKRXA-PO 80G-11-FI**	80	32	120	plain bore	108	57	11	40
LKRXA-PO 101G	**BKRXA-PO 101G**	**LKRXA-PO 101G-FI**	100	32	120	plain bore	133	57	13	40
LKRXA-PO 101G-11		**LKRXA-PO 101G-11-FI**	100	32	120	plain bore	133	57	11	40
LKRXA-PO 126G	**BKRXA-PO 126G**	**LKRXA-PO 126G-FI**	125	32	120	plain bore	158	57	13	40
LKRXA-PO 126G-11		**LKRXA-PO 126G-11-FI**	125	32	120	plain bore	158	57	11	40

8

Versions / options



	with synthetic expander fitting, corrosion-resistant	buffers
Technical description page	105	116
Product code suffix	**see page 398**	**AG / ARG series**
Available for	swivel castors with bolt hole Ø 11 mm	see page 398

LPXA-PO, BPXA-PO, LKPXA-PO, BKPXA-PO series

Stainless steel light-duty castors with top plate, with nylon wheel

75–120 kg



Bracket: LPXA/BPXA, LKPXA/BKPXA series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- all parts including axle material are corrosion-resistant

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

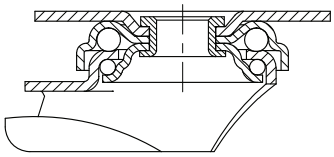
Wheel: PO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour natural white

Additional details:
- bracket series: page 96
- brakes: page 112–113
- wheel series: page 69
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LPXA-PO 50G	**BPXA-PO 50G**	**LPXA-PO 50G-FI**	50	18	75	plain bore	71	60 x 60	38 x 38 / 48 x 48	6.2	23
LPXA-PO 76G	**BPXA-PO 76G**	**LPXA-PO 76G-FI**	75	23	75	plain bore	100	60 x 60	38 x 38 / 48 x 48	6.2	29
LKPXA-PO 80G	**BKPXA-PO 80G**	**LKPXA-PO 80G-FI**	80	32	120	plain bore	111	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPXA-PO 101G	**BKPXA-PO 101G**	**LKPXA-PO 101G-FI**	100	32	120	plain bore	136	90 x 66	75 x 45 / 61 x 51	8.5	40
LKPXA-PO 126G	**BKPXA-PO 126G**	**LKPXA-PO 126G-FI**	125	32	120	plain bore	161	90 x 66	75 x 45 / 61 x 51	8.5	40

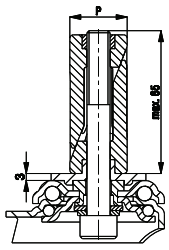
Versions / options
for stainless steel, light-duty castors

Corrosion-resistant synthetic expander fitting for round tubes

Product code suffix for the LRXA series	Product code suffix for the LKRXA series	Internal tube dimension (P) [mm]
-EXR02	-EXR12	Ø 20–25
-EXR03	-EXR13	Ø 25–30
-EXR04	-EXR14	Ø 30–35
-EXR05	-EXR15	Ø 35–40

Available for all swivel castors in the LRXA/LKRXA series with bolt hole Ø 11 mm. Swivel castor and expander secured to prevent loosening with positive locking. Maximum fitting length is 65 mm. **Increases total height of swivel castors by 3 mm.**
Detailed description: page 105



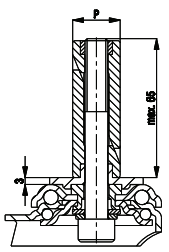


Corrosion-resistant synthetic expander fitting for square tubes

Product code suffix for the LRXA series	Product code suffix for the LKRXA series	Internal tube dimension (P) [mm]
-EXV02	-EXV12	□ 18–21
-EXV03	-EXV13	□ 21–25
-EXV04	-EXV14	□ 25–29
-EXV05	-EXV15	□ 29–32
-EXV07	-EXV17	□ 32–38.5
	-EXV18	□ 35.5–41

Available for all swivel castors in the LRXA/LKRXA series with bolt hole Ø 11 mm. Swivel castor and expander secured to prevent loosening with positive locking. Maximum fitting length is 65 mm. **Increases total height of swivel castors by 3 mm.**
Detailed description: page 105



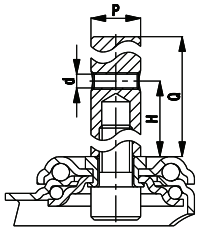


Stainless steel plug-in stem in accordance with DIN 18867-8 (large-scale catering equipment)

Product code suffix	Stem dimension (Ø x height) (P x Q) [mm]	Ø Cross hole (d) [mm]	Position cross hole (H) [mm]
-ZAX51	Ø 18.0 x 62	M6	30

Available for all swivel castors in the LKRXA-TPA and LKRXA-PATH series with wheel Ø 125 mm and bolt hole Ø 13 mm.
Detailed description: page 104





Buffers for round and square tubes

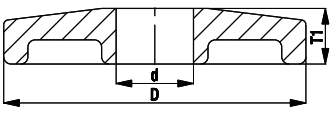
Product code	Wheel Ø (D) [mm]	Wheel width (T1) [mm]	Hole (d) [mm]
Synthetic buffers (polyethylene)			
AG 100/R25	100	17.5	Ø 25
AG 100/V25	100	17.5	□ 25 x 25
AG 125/R25	125	17.5	Ø 25
AG 125/V25	125	17.5	□ 25 x 25
Solid rubber buffers			
ARG 75/R10	75	23	Ø 10
ARG 100/R26	100	23	Ø 26
ARG 100/R32	100	23	Ø 32
ARG 125/R26	125	23	Ø 26
ARG 125/R32	125	23	Ø 32

Other dimensions and special colours are available upon request.

Buffers reduce the risk of damage to walls and vehicles in the event of a collision. Buffers for round and square tubes are fixed or connected to tubular frames in the external areas of vehicles.
AG series: Made from soft synthetic polyethylene, hardness 48 Shore D, colour silver grey RAL 7001, non-marking.
ARG series: Made from solid rubber, hardness 75 Shore A, colour grey, non-marking.

Detailed description: page 116





LEX-TPA, BX-TPA series

Stainless steel castors with top plate, wheel with thermoplastic rubber tread

100–250 kg



Bracket: LEX/BX series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- all parts including axle material are corrosion-resistant

Swivel bracket:
- double ball bearing in the swivel head
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: TPA series
- tread: high-quality thermoplastic rubber-elastomer (TPE), hardness 85 Shore A, colour grey, non-marking, oil containing
- wheel centre: high-quality polypropylene, impact resistant, colour silver grey ("-ELS" version colour black)

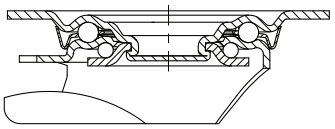
Additional details:
- bracket series: page 96
- brakes: page 112–113
- wheel series: page 60
- bearing types: page 84–85

INOX









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LEX-TPA 80G	**BX-TPA 80G**	**LEX-TPA 80G-FI**	80	32	100	plain bore	102	100 x 85	80 x 60	9	38
LEX-TPA 80KFD	**BX-TPA 80KFD**	**LEX-TPA 80KFD-FI**	80	32	100	ball bearing (C)	102	100 x 85	80 x 60	9	38
LEX-TPA 102G	**BX-TPA 102G**	**LEX-TPA 102G-FI**	100	32	110	plain bore	125	100 x 85	80 x 60	9	36
LEX-TPA 102KFD	**BX-TPA 102KFD**	**LEX-TPA 102KFD-FI**	100	32	110	ball bearing (C)	125	100 x 85	80 x 60	9	36
LEX-TPA 127G	**BX-TPA 127G**	**LEX-TPA 127G-FI**	125	32	125	plain bore	150	100 x 85	80 x 60	9	38
LEX-TPA 127KFD	**BX-TPA 127KFD**	**LEX-TPA 127KFD-FI**	125	32	125	ball bearing (C)	150	100 x 85	80 x 60	9	38
LEX-TPA 160G	**BX-TPA 160G**	**LEX-TPA 160G-FI**	160	40	200	plain bore	195	140 x 110	105 x 75–80	11	54
LEX-TPA 160XR	**BX-TPA 160XR**	**LEX-TPA 160XR-FI**	160	40	200	roller bearing	195	140 x 110	105 x 75–80	11	54
LEX-TPA 200G	**BX-TPA 200G**	**LEX-TPA 200G-FI**	200	40	250	plain bore	235	140 x 110	105 x 75–80	11	54
LEX-TPA 200XR	**BX-TPA 200XR**	**LEX-TPA 200XR-FI**	200	40	250	roller bearing	235	140 x 110	105 x 75–80	11	54

Versions / options











	plain bore version	electrically conductive version, non-marking grey	directional lock (separate) 1 x 360°, stainless	directional lock (separate) 1 x 360°, stainless	with synthetic foot guard
Technical description page		50	115	115	116
Product code suffix		**-ELS**	**RI-03.01-KX**	**RI-03.03-KX**	**-FP**
Available for		all plain bore and ball bearing versions*	wheel Ø 100–125 mm**	wheel Ø 160–200 mm**	wheel Ø 125 mm upon request

* Wheel load capacity of electrically conductive version reduced by 35%
** Only for swivel castors without brake

LEXR-TPA series

Stainless steel castors with bolt hole, wheel with thermoplastic rubber tread

100–250 kg



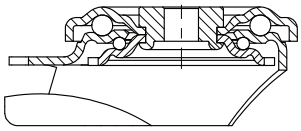
Bracket: LEXR series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process
- all parts including axle material are corrosion-resistant

Wheel: TPA series
- tread: high-quality thermoplastic rubber-elastomer (TPE), hardness 85 Shore A, colour grey, non-marking, oil containing
- wheel centre: high-quality polypropylene, impact resistant, colour silver grey ("-ELS" version colour black)

Additional details:
- bracket series: page 96
- brakes: page 112–113
- wheel series: page 60
- bearing types: page 84–85







Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LEXR-TPA 80G	**LEXR-TPA 80G-FI**	80	32	100	plain bore	102	70	13	38
LEXR-TPA 80KFD	**LEXR-TPA 80KFD-FI**	80	32	100	ball bearing (C)	102	70	13	38
LEXR-TPA 102G	**LEXR-TPA 102G-FI**	100	32	110	plain bore	125	70	13	36
LEXR-TPA 102KFD	**LEXR-TPA 102KFD-FI**	100	32	110	ball bearing (C)	125	70	13	36
LEXR-TPA 127G	**LEXR-TPA 127G-FI**	125	32	125	plain bore	150	70	13	38
LEXR-TPA 127KFD	**LEXR-TPA 127KFD-FI**	125	32	125	ball bearing (C)	150	70	13	38
LEXR-TPA 160G	**LEXR-TPA 160G-FI**	160	40	200	plain bore	195	88	13	54
LEXR-TPA 160XR	**LEXR-TPA 160XR-FI**	160	40	200	roller bearing	195	88	13	54
LEXR-TPA 200G	**LEXR-TPA 200G-FI**	200	40	250	plain bore	235	88	13	54
LEXR-TPA 200XR	**LEXR-TPA 200XR-FI**	200	40	250	roller bearing	235	88	13	54

Versions / options







	plain bore version	electrically conductive version, non-marking grey	with synthetic foot guard
Technical description page		50	116
Product code suffix		**-ELS**	**-FP**
Available for		all plain bore and ball bearing versions*	wheel Ø 125 mm upon request

* Wheel load capacity of electrically conductive version reduced by 35%

LEX-VPP, BX-VPP series

Stainless steel castors with top plate, wheel with standard solid rubber tyre



50–205 kg

Bracket: LEX/BX series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- all parts including axle material are corrosion-resistant

Swivel bracket:
- double ball bearing in the swivel head
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: VPP series
- tyre: standard solid rubber, hardness 80 Shore A, colour grey, non-marking
- rim: high-quality polypropylene, impact resistant, colour black

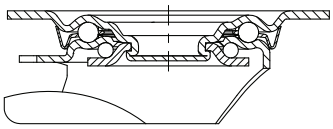
Additional details:
- bracket series: page 96
- brakes: page 112–113
- wheel series: page 61
- bearing types: page 84–85

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Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LEX-VPP 80G-SG	**BX-VPP 80G-SG**	**LEX-VPP 80G-FI-SG**	80	25	50	plain bore	102	100 x 85	80 x 60	9	38
LEX-VPP 80XR-SG	**BX-VPP 80XR-SG**	**LEX-VPP 80XR-FI-SG**	80	25	50	roller bearing	102	100 x 85	80 x 60	9	38
LEX-VPP 100G-SG	**BX-VPP 100G-SG**	**LEX-VPP 100G-FI-SG**	100	30	70	plain bore	125	100 x 85	80 x 60	9	36
LEX-VPP 100XR-SG	**BX-VPP 100XR-SG**	**LEX-VPP 100XR-FI-SG**	100	30	70	roller bearing	125	100 x 85	80 x 60	9	36
LEX-VPP 125G-SG	**BX-VPP 125G-SG**	**LEX-VPP 125G-FI-SG**	125	37.5	100	plain bore	150	100 x 85	80 x 60	9	38
LEX-VPP 125XR-SG	**BX-VPP 125XR-SG**	**LEX-VPP 125XR-FI-SG**	125	37.5	100	roller bearing	150	100 x 85	80 x 60	9	38
LEX-VPP 150G-1-SG	**BX-VPP 150G-1-SG**	**LEX-VPP 150G-1-FI-SG**	150	40	135	plain bore	190	100 x 85	80 x 60	9	54
LEX-VPP 150G-SG	**BX-VPP 150G-SG**	**LEX-VPP 150G-FI-SG**	150	40	135	plain bore	190	140 x 110	105 x 75–80	11	54
LEX-VPP 150XR-1-SG	**BX-VPP 150XR-1-SG**	**LEX-VPP 150XR-1-FI-SG**	150	40	135	roller bearing	190	100 x 85	80 x 60	9	54
LEX-VPP 150XR-SG	**BX-VPP 150XR-SG**	**LEX-VPP 150XR-FI-SG**	150	40	135	roller bearing	190	140 x 110	105 x 75–80	11	54
LEX-VPP 160G-1-SG	**BX-VPP 160G-1-SG**	**LEX-VPP 160G-1-FI-SG**	160	40	135	plain bore	195	100 x 85	80 x 60	9	54
LEX-VPP 160G-SG	**BX-VPP 160G-SG**	**LEX-VPP 160G-FI-SG**	160	40	135	plain bore	195	140 x 110	105 x 75–80	11	54
LEX-VPP 160XR-1-SG	**BX-VPP 160XR-1-SG**	**LEX-VPP 160XR-1-FI-SG**	160	40	135	roller bearing	195	100 x 85	80 x 60	9	54
LEX-VPP 160XR-SG	**BX-VPP 160XR-SG**	**LEX-VPP 160XR-FI-SG**	160	40	135	roller bearing	195	140 x 110	105 x 75–80	11	54
LEX-VPP 200G-1-SG	**BX-VPP 200G-1-SG**	**LEX-VPP 200G-1-FI-SG**	200	50	205	plain bore	235	100 x 85	80 x 60	9	54
LEX-VPP 200G-SG	**BX-VPP 200G-SG**	**LEX-VPP 200G-FI-SG**	200	50	205	plain bore	235	140 x 110	105 x 75–80	11	54
LEX-VPP 200XR-1-SG	**BX-VPP 200XR-1-SG**	**LEX-VPP 200XR-1-FI-SG**	200	50	205	roller bearing	235	100 x 85	80 x 60	9	54
LEX-VPP 200XR-SG	**BX-VPP 200XR-SG**	**LEX-VPP 200XR-FI-SG**	200	50	205	roller bearing	235	140 x 110	105 x 75–80	11	54

Versions / options







	directional lock (separate) 1 x 360°, stainless	directional lock (separate) 1 x 360°, stainless	with synthetic foot guard
Technical description page	115	115	116
Product code suffix	**RI-03.01-KX**	**RI-03.03-KX**	**-FP**
Available for	wheel Ø 100–125 mm*	wheel Ø 150–200 mm with plate 140x110 mm*	wheel Ø 125 mm upon request

* Only for swivel castors without brake

LEXR-VPP series

Stainless steel castors with bolt hole, wheel with standard solid rubber tyre

50–205 kg



Bracket: LEXR series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process
- all parts including axle material are corrosion-resistant

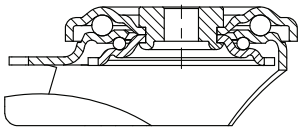
Wheel: VPP series
- tyre: standard solid rubber, hardness 80 Shore A, colour grey, non-marking
- rim: high-quality polypropylene, impact resistant, colour black

Additional details:
- bracket series: page 96
- brakes: page 112–113
- wheel series: page 61
- bearing types: page 84–85

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Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LEXR-VPP 80G-SG	**LEXR-VPP 80G-FI-SG**	80	25	50	plain bore	102	70	13	38
LEXR-VPP 100G-SG	**LEXR-VPP 100G-FI-SG**	100	30	70	plain bore	125	70	13	36
LEXR-VPP 125G-SG	**LEXR-VPP 125G-FI-SG**	125	37.5	100	plain bore	150	70	13	38
LEXR-VPP 150G-SG	**LEXR-VPP 150G-FI-SG**	150	40	135	plain bore	190	88	13	54
LEXR-VPP 160G-SG	**LEXR-VPP 160G-FI-SG**	160	40	135	plain bore	195	88	13	54
LEXR-VPP 200G-SG	**LEXR-VPP 200G-FI-SG**	200	50	205	plain bore	235	88	13	54

8

Versions / options



	with synthetic foot guard	with stem
Technical description page	116	96
Product code suffix	**-FP**	**LEXZ series**
Available for	wheel Ø 125 mm upon request	upon request

LEX-POEV, BX-POEV series

Stainless steel castors with top plate, wheel with “Blickle EasyRoll” elastic solid rubber tyre

140–300 kg



Bracket: LEX/BX series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- all parts including axle material are corrosion-resistant

Swivel bracket:
- double ball bearing in the swivel head
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: POEV series
- tyre: high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A, colour grey, non-marking
- wheel centre: high-quality nylon 6, impact resistant, colour black

Additional details:
- bracket series: page 96
- brakes: page 112–113
- wheel series: page 63
- bearing types: page 84–85

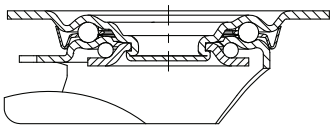
INOX

Blickle EasyRoll









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LEX-POEV 80G-SG	**BX-POEV 80G-SG**	**LEX-POEV 80G-FI-SG**	80	32	140	plain bore	102	100 x 85	80 x 60	9	38
LEX-POEV 80XR-SG	**BX-POEV 80XR-SG**	**LEX-POEV 80XR-FI-SG**	80	32	140	roller bearing	102	100 x 85	80 x 60	9	38
LEX-POEV 80KFD-SG	**BX-POEV 80KFD-SG**	**LEX-POEV 80KFD-FI-SG**	80	32	140	ball bearing (C)	102	100 x 85	80 x 60	9	38
LEX-POEV 100G-SG	**BX-POEV 100G-SG**	**LEX-POEV 100G-FI-SG**	100	38	150	plain bore	125	100 x 85	80 x 60	9	36
LEX-POEV 100XR-SG	**BX-POEV 100XR-SG**	**LEX-POEV 100XR-FI-SG**	100	38	150	roller bearing	125	100 x 85	80 x 60	9	36
LEX-POEV 100KAD-SG	**BX-POEV 100KAD-SG**	**LEX-POEV 100KAD-FI-SG**	100	38	150	ball bearing (C)	125	100 x 85	80 x 60	9	36
LEX-POEV 125G-SG	**BX-POEV 125G-SG**	**LEX-POEV 125G-FI-SG**	125	40	150	plain bore	150	100 x 85	80 x 60	9	38
LEX-POEV 125XR-SG	**BX-POEV 125XR-SG**	**LEX-POEV 125XR-FI-SG**	125	40	150	roller bearing	150	100 x 85	80 x 60	9	38
LEX-POEV 125KAD-SG	**BX-POEV 125KAD-SG**	**LEX-POEV 125KAD-FI-SG**	125	40	150	ball bearing (C)	150	100 x 85	80 x 60	9	38
LEX-POEV 125XKA-SG-GKN	**BX-POEV 125XKA-SG**	**LEX-POEV 125XKA-FI-SG-GKN**	125	40	250	ball bearing (C)	150	100 x 85	80 x 60	9	38
LEX-POEV 160XR-1-SG	**BX-POEV 160XR-1-SG**	**LEX-POEV 160XR-1-FI-SG**	160	50	300	roller bearing	195	100 x 85	80 x 60	9	54
LEX-POEV 160XR-SG	**BX-POEV 160XR-SG**	**LEX-POEV 160XR-FI-SG**	160	50	300	roller bearing	195	140 x 110	105 x 75–80	11	54
LEX-POEV 160KAD-1-SG	**BX-POEV 160KAD-1-SG**	**LEX-POEV 160KAD-1-FI-SG**	160	50	300	ball bearing (CC)	195	100 x 85	80 x 60	9	54
LEX-POEV 160XKA-1-SG-GKN	**BX-POEV 160XKA-1-SG-GKN**	**LEX-POEV 160XKA-1-FI-SG-GKN**	160	50	300	ball bearing (CC)	200	100 x 85	80 x 60	9	54
LEX-POEV 160KAD-SG	**BX-POEV 160KAD-SG**	**LEX-POEV 160KAD-FI-SG**	160	50	300	ball bearing (CC)	195	140 x 110	105 x 75–80	11	54
LEX-POEV 160XKA-SG-GKN	**BX-POEV 160XKA-SG-GKN**	**LEX-POEV 160XKA-FI-SG-GKN**	160	50	300	ball bearing (CC)	200	140 x 110	105 x 75–80	11	54
LEX-POEV 200XR-1-SG	**BX-POEV 200XR-1-SG**	**LEX-POEV 200XR-1-FI-SG**	200	50	300	roller bearing	235	100 x 85	80 x 60	9	54
LEX-POEV 200XR-SG	**BX-POEV 200XR-SG**	**LEX-POEV 200XR-FI-SG**	200	50	300	roller bearing	235	140 x 110	105 x 75–80	11	54
LEX-POEV 200KAD-1-SG	**BX-POEV 200KAD-1-SG**	**LEX-POEV 200KAD-1-FI-SG**	200	50	300	ball bearing (CC)	235	100 x 85	80 x 60	9	54
LEX-POEV 200XKA-1-SG-GKN	**BX-POEV 200XKA-1-SG-GKN**	**LEX-POEV 200XKA-1-FI-SG-GKN**	200	50	300	ball bearing (CC)	240	100 x 85	80 x 60	9	54
LEX-POEV 200KAD-SG	**BX-POEV 200KAD-SG**	**LEX-POEV 200KAD-FI-SG**	200	50	300	ball bearing (CC)	235	140 x 110	105 x 75–80	11	54
LEX-POEV 200XKA-SG-GKN	**BX-POEV 200XKA-SG-GKN**	**LEX-POEV 200XKA-FI-SG-GKN**	200	50	300	ball bearing (CC)	240	140 x 110	105 x 75–80	11	54

Versions / options



	electrically conductive version, black tyre	with “ideal-stop” brake	with directional lock (separate) 1x 360°, stainless	with automatic direction reset device	castor suitable for washing equipment (DIN 18867-8)	with stainless steel ball bearing and small thread guard	with synthetic foot guard
Technical description page	50	112	115	116		85	116
Product code suffix	**-EL**	**-IS**	**see ****	**-RIR2**	**-GKN**	**-XKA / -XKF**	**-FP**
Available for	ball bearing versions upon request	wheel Ø 160–200 mm with plate 140x110 mm*	for wheel Ø and plate dimensions, see**	upon request	wheel Ø 125, 160, 200 mm	all KAD and KFD versions, non-marking grey	wheel Ø 125 mm upon request

* Without changing total height

** **RI-03.01-KX** for wheel Ø 100–125 mm, RI-03.03-KX for wheel Ø 160–200 mm with plate 140x110 mm (Only for swivel castors without brake)

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LEXR-POEV series

Stainless steel castors with bolt hole, wheel with “Blickle EasyRoll” elastic solid rubber tyre



140–300 kg

Bracket: LEXR series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process
- all parts including axle material are corrosion-resistant

Wheel: POEV series
- tyre: high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A, colour grey, non-marking
- rim: high-quality nylon 6, impact resistant, colour black

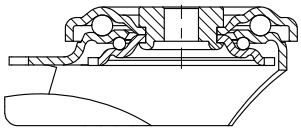
Additional details:
- bracket series: page 96
- brakes: page 112–113
- wheel series: page 63
- bearing types: page 84–85

INOX

Blickle EasyRoll







Swivel castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LEXR-POEV 80G-SG	**LEXR-POEV 80G-FI-SG**	80	32	140	plain bore	102	70	13	38
LEXR-POEV 80XR-SG	**LEXR-POEV 80XR-FI-SG**	80	32	140	roller bearing	102	70	13	38
LEXR-POEV 80KFD-SG	**LEXR-POEV 80KFD-FI-SG**	80	32	140	ball bearing (C)	102	70	13	38
LEXR-POEV 100G-SG	**LEXR-POEV 100G-FI-SG**	100	38	150	plain bore	125	70	13	36
LEXR-POEV 100XR-SG	**LEXR-POEV 100XR-FI-SG**	100	38	150	roller bearing	125	70	13	36
LEXR-POEV 100KAD-SG	**LEXR-POEV 100KAD-FI-SG**	100	38	150	ball bearing (C)	125	70	13	36
LEXR-POEV 125G-SG	**LEXR-POEV 125G-FI-SG**	125	40	150	plain bore	150	70	13	38
LEXR-POEV 125XR-SG	**LEXR-POEV 125XR-FI-SG**	125	40	150	roller bearing	150	70	13	38
LEXR-POEV 125KAD-SG	**LEXR-POEV 125KAD-FI-SG**	125	40	150	ball bearing (C)	150	70	13	38
LEXR-POEV 160XR-SG	**LEXR-POEV 160XR-FI-SG**	160	50	300	roller bearing	195	88	13	54
LEXR-POEV 160KAD-SG	**LEXR-POEV 160KAD-FI-SG**	160	50	300	ball bearing (CC)	195	88	13	54
LEXR-POEV 200XR-SG	**LEXR-POEV 200XR-FI-SG**	200	50	300	roller bearing	235	88	13	54
LEXR-POEV 200KAD-SG	**LEXR-POEV 200KAD-FI-SG**	200	50	300	ball bearing (CC)	235	88	13	54

Versions / options



	electrically conductive version, black tyre	with stainless steel ball bearing and small thread guard	with soft rubber tyre, 55 Shore A	with synthetic foot guard
Technical description page	50	85	60	116
Product code suffix	**-EL**	**-XKA / -XKF**	**LEXR-POES series**	**-FP**
Available for	ball bearing versions upon request	all KAD and KFD versions, non-marking grey	upon request	wheel Ø 125 mm upon request

LX-POEV, BX-POEV series

Stainless steel castors, medium-duty design, with top plate, wheel with “Blickle EasyRoll” elastic solid rubber tyre

200–400 kg



Bracket: LX/BX series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- all parts including axle material are corrosion-resistant

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: POEV series
- tyre: high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A, colour grey, non-marking
- rim: high-quality nylon 6, impact resistant, colour black

Additional details:
- bracket series: page 97
- brakes: page 112–113
- wheel series: page 63
- bearing types: page 84–85

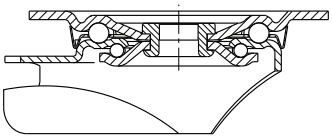
INOX

Blickle EasyRoll









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LX-POEV 100XR-SG	**BX-POEV 100XR-SG**	**LX-POEV 100XR-FI-SG**	100	38	200	roller bearing	125	100 x 85	80 x 60	9	36
LX-POEV 100KAD-SG	**BX-POEV 100KAD-SG**	**LX-POEV 100KAD-FI-SG**	100	38	200	ball bearing (C)	125	100 x 85	80 x 60	9	36
LX-POEV 125XR-SG	**BX-POEV 125XR-SG**	**LX-POEV 125XR-FI-SG**	125	40	250	roller bearing	150	100 x 85	80 x 60	9	38
LX-POEV 125KAD-SG	**BX-POEV 125KAD-SG**	**LX-POEV 125KAD-FI-SG**	125	40	250	ball bearing (C)	150	100 x 85	80 x 60	9	38
LX-POEV 160XR-SG	**BX-POEV 160XR-SG**	**LX-POEV 160XR-FI-SG**	160	50	400	roller bearing	195	140 x 110	105 x 75–80	11	60
LX-POEV 160KAD-SG	**BX-POEV 160KAD-SG**	**LX-POEV 160KAD-FI-SG**	160	50	400	ball bearing (CC)	195	140 x 110	105 x 75–80	11	60
LX-POEV 200XR-SG	**BX-POEV 200XR-SG**	**LX-POEV 200XR-FI-SG**	200	50	400	roller bearing	235	140 x 110	105 x 75–80	11	65
LX-POEV 200KAD-SG	**BX-POEV 200KAD-SG**	**LX-POEV 200KAD-FI-SG**	200	50	400	ball bearing (CC)	235	140 x 110	105 x 75–80	11	65

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Versions / options















	electrically conductive version, black tyre	with “stop-top” brake	directional lock (separate) 1 x 360°, stainless	directional lock (separate) 1 x 360°, stainless	with stainless steel ball bearing and small thread guard	with soft rubber tyre, 55 Shore A	with synthetic foot guard
Technical description page	50	112	115	115	85	60	116
Product code suffix	**-EL**	**-ST**	**RI-03.01-KX**	**RI-05.03-KX**	**-XKA**	**LX-POES series**	**-FP**
Available for	ball bearing versions upon request	all	wheel Ø 100–125 mm*	wheel Ø 160 mm, wheel Ø 200 mm upon request*	all KAD versions, non-marking grey	upon request	wheel Ø 125 mm upon request

* Only for swivel castors without brake or swivel castor with “stop-top” brake upon request

LKX-POEV, BKX-POEV series

Stainless steel heavy-duty castors, with top plate, wheel with “Blickle EasyRoll” elastic solid rubber tyre

170–500 kg



Bracket: LKX/BKX series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- all parts including axle material are corrosion-resistant

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 160x50 mm)
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: POEV series
- tyre: high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A, colour grey, non-marking
- rim: high-quality nylon 6, impact resistant, colour black

Additional details:
- bracket series: page 97
- brakes: page 112–113
- wheel series: page 63
- bearing types: page 84–85

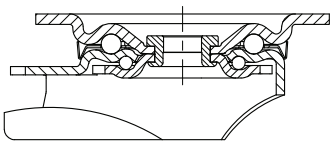
INOX

Blickle EasyRoll









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LKX-POEV 82KFD-SG	**BKX-POEV 82KFD-SG**	**LKX-POEV 82KFD-FI-SG**	80	40	170	ball bearing (C)	110	100 x 85	80 x 60	9	40
LKX-POEV 100XR-1-SG	**BKX-POEV 100XR-1-SG**	**LKX-POEV 100XR-1-FI-SG**	100	38	200	roller bearing	130	100 x 85	80 x 60	9	45
LKX-POEV 100KAD-1-SG	**BKX-POEV 100KAD-1-SG**	**LKX-POEV 100KAD-1-FI-SG**	100	38	200	ball bearing (C)	130	100 x 85	80 x 60	9	45
LKX-POEV 125XR-1-SG	**BKX-POEV 125XR-1-SG**	**LKX-POEV 125XR-1-FI-SG**	125	40	250	roller bearing	155	100 x 85	80 x 60	9	48
LKX-POEV 125KAD-1-SG	**BKX-POEV 125KAD-1-SG**	**LKX-POEV 125KAD-1-FI-SG**	125	40	250	ball bearing (C)	155	100 x 85	80 x 60	9	48
LKX-POEV 125XR-3-SG	**BKX-POEV 125XR-3-SG**	**LKX-POEV 125XR-3-FI-SG**	125	40	250	roller bearing	155	140 x 110	105 x 75–80	11	48
LKX-POEV 125KAD-3-SG	**BKX-POEV 125KAD-3-SG**	**LKX-POEV 125KAD-3-FI-SG**	125	40	250	ball bearing (C)	155	140 x 110	105 x 75–80	11	48
LKX-POEV 160XR-SG	**BKX-POEV 160XR-SG**	**LKX-POEV 160XR-FI-SG**	160	50	400	roller bearing	202	140 x 110	105 x 75–80	11	63
LKX-POEV 160KAD-SG	**BKX-POEV 160KAD-SG**	**LKX-POEV 160KAD-FI-SG**	160	50	400	ball bearing (CC)	202	140 x 110	105 x 75–80	11	63
LKX-POEV 200XR-SG	**BKX-POEV 200XR-SG**	**LKX-POEV 200XR-FI-SG**	200	50	500	roller bearing	245	140 x 110	105 x 75–80	11	65
LKX-POEV 200KAD-SG	**BKX-POEV 200KAD-SG**	**LKX-POEV 200KAD-FI-SG**	200	50	500	ball bearing (CC)	245	140 x 110	105 x 75–80	11	65

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Versions / options



	electrically conductive version, black tyre	with “stop-top” brake	directional lock (separate) 1 x 360°, stainless	with automatic direction reset device	with stainless steel ball bearing and small thread guard	with stainless steel ball bearing and thread guard	with soft rubber tyre, 55 Shore A
Technical description page	50	112	115	116	85	85	60
Product code suffix	**-EL**	**-ST**	**RI-05.03-KX**	**-RIR2**	**-XKA**	**-XKF**	**LKX-POES series**
Available for	ball bearing versions upon request	wheel Ø 160–200 mm	wheel Ø 160–200 mm*	wheel Ø 80–125 mm upon request	all KAD versions, non-marking grey	all KFD versions, non-marking grey	upon request

* Only for swivel castors without brake or swivel castor with “stop-top” brake upon request

LEX-PATH, BX-PATH series

Stainless steel castors with top plate, wheel with thermoplastic polyurethane tread

150–300 kg



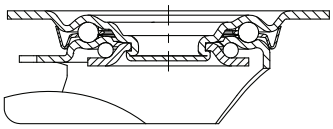
Bracket: LEX/BX series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- all parts including axle material are corrosion-resistant

Swivel bracket:
- double ball bearing in the swivel head
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: PATH series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A, colour dark grey, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour silver grey

Additional details:
- bracket series: page 96
- brakes: page 112–113
- wheel series: page 61
- bearing types: page 84–85





Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LEX-PATH 80G	**BX-PATH 80G**	**LEX-PATH 80G-FI**	80	32	150	plain bore	102	100 x 85	80 x 60	9	38
LEX-PATH 80KFD	**BX-PATH 80KFD**	**LEX-PATH 80KFD-FI**	80	32	150	ball bearing (C)	102	100 x 85	80 x 60	9	38
LEX-PATH 100G	**BX-PATH 100G**	**LEX-PATH 100G-FI**	100	32	150	plain bore	125	100 x 85	80 x 60	9	36
LEX-PATH 100KFD	**BX-PATH 100KFD**	**LEX-PATH 100KFD-FI**	100	32	150	ball bearing (C)	125	100 x 85	80 x 60	9	36
LEX-PATH 125G	**BX-PATH 125G**	**LEX-PATH 125G-FI**	125	32	150	plain bore	150	100 x 85	80 x 60	9	38
LEX-PATH 125KFD	**BX-PATH 125KFD**	**LEX-PATH 125KFD-FI**	125	32	150	ball bearing (C)	150	100 x 85	80 x 60	9	38
LEX-PATH 160G	**BX-PATH 160G**	**LEX-PATH 160G-FI**	160	40	300	plain bore	195	140 x 110	105 x 75–80	11	54
LEX-PATH 160KAD	**BX-PATH 160KAD**	**LEX-PATH 160KAD-FI**	160	40	300	ball bearing (C)	195	140 x 110	105 x 75–80	11	54
LEX-PATH 200G	**BX-PATH 200G**	**LEX-PATH 200G-FI**	200	40	300	plain bore	235	140 x 110	105 x 75–80	11	54
LEX-PATH 200KAD	**BX-PATH 200KAD**	**LEX-PATH 200KAD-FI**	200	40	300	ball bearing (C)	235	140 x 110	105 x 75–80	11	54

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Versions / options



	plain bore version	electrically conductive version, non-marking grey	directional lock (separate) 1 x 360°, stainless	directional lock (separate) 1 x 360°, stainless	with synthetic foot guard
Technical description page		50	115	115	116
Product code suffix		**-ELS**	**RI-03.01-KX**	**RI-03.03-KX**	**-FP**
Available for		all ball bearing versions*	wheel Ø 100–125 mm**	wheel Ø 160–200 mm**	wheel Ø 125 mm upon request

* Wheel load capacity of electrically conductive version reduced by 35%
** Only for swivel castors without brake

LEXR-PATH series

Stainless steel castors with bolt hole, wheel with thermoplastic polyurethane tread



150–300 kg

Bracket: LEXR series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process
- all parts including axle material are corrosion-resistant

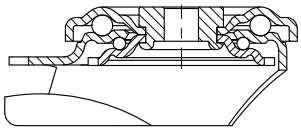
Wheel: PATH series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A, colour dark grey, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour silver grey

Additional details:
- bracket series: page 96
- brakes: page 112–113
- wheel series: page 61
- bearing types: page 84–85

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Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LEXR-PATH 80G	**LEXR-PATH 80G-FI**	80	32	150	plain bore	102	70	13	38
LEXR-PATH 80KFD	**LEXR-PATH 80KFD-FI**	80	32	150	ball bearing (C)	102	70	13	38
LEXR-PATH 100G	**LEXR-PATH 100G-FI**	100	32	150	plain bore	125	70	13	36
LEXR-PATH 100KFD	**LEXR-PATH 100KFD-FI**	100	32	150	ball bearing (C)	125	70	13	36
LEXR-PATH 125G	**LEXR-PATH 125G-FI**	125	32	150	plain bore	150	70	13	38
LEXR-PATH 125KFD	**LEXR-PATH 125KFD-FI**	125	32	150	ball bearing (C)	150	70	13	38
LEXR-PATH 160G	**LEXR-PATH 160G-FI**	160	40	300	plain bore	195	88	13	54
LEXR-PATH 160KAD	**LEXR-PATH 160KAD-FI**	160	40	300	ball bearing (C)	195	88	13	54
LEXR-PATH 200G	**LEXR-PATH 200G-FI**	200	40	300	plain bore	235	88	13	54
LEXR-PATH 200KAD	**LEXR-PATH 200KAD-FI**	200	40	300	ball bearing (C)	235	88	13	54

Versions / options







	plain bore version	electrically conductive version, non-marking grey	with synthetic foot guard
Technical description page		50	116
Product code suffix		**-ELS**	**-FP**
Available for		all ball bearing versions*	wheel Ø 125 mm upon request

* Wheel load capacity of electrically conductive version reduced by 35%

LEX-POTHS, BX-POTHS series

Stainless steel castors with top plate, wheel with soft thermoplastic polyurethane tread

150–300 kg



Bracket: LEX/BX series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- all parts including axle material are corrosion-resistant

Swivel bracket:
- double ball bearing in the swivel head
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

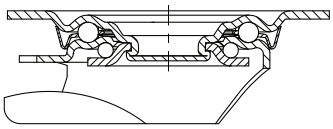
Wheel: POTHS series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 80 Shore A, colour blue, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour natural white

Additional details:
- bracket series: page 96
- brakes: page 112–113
- wheel series: page 65
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LEX-POTHS 100G	**BX-POTHS 100G**	**LEX-POTHS 100G-FI**	100	35	150	plain bore	125	100 x 85	80 x 60	9	36
LEX-POTHS 100XR	**BX-POTHS 100XR**	**LEX-POTHS 100XR-FI**	100	35	150	roller bearing	125	100 x 85	80 x 60	9	36
LEX-POTHS 100XKA	**BX-POTHS 100XKA**	**LEX-POTHS 100XKA-FI**	100	35	150	ball bearing (C)	125	100 x 85	80 x 60	9	36
LEX-POTHS 125G	**BX-POTHS 125G**	**LEX-POTHS 125G-FI**	125	40	150	plain bore	150	100 x 85	80 x 60	9	38
LEX-POTHS 125XR	**BX-POTHS 125XR**	**LEX-POTHS 125XR-FI**	125	40	150	roller bearing	150	100 x 85	80 x 60	9	38
LEX-POTHS 125XKA	**BX-POTHS 125XKA**	**LEX-POTHS 125XKA-FI**	125	40	150	ball bearing (C)	150	100 x 85	80 x 60	9	38
LEX-POTHS 160G	**BX-POTHS 160G**	**LEX-POTHS 160G-FI**	160	45	300	plain bore	195	140 x 110	105 x 75–80	11	54
LEX-POTHS 160XR	**BX-POTHS 160XR**	**LEX-POTHS 160XR-FI**	160	45	300	roller bearing	195	140 x 110	105 x 75–80	11	54
LEX-POTHS 160XK	**BX-POTHS 160XK**	**LEX-POTHS 160XK-FI**	160	45	300	ball bearing	195	140 x 110	105 x 75–80	11	54
LEX-POTHS 200G	**BX-POTHS 200G**	**LEX-POTHS 200G-FI**	200	50	300	plain bore	235	140 x 110	105 x 75–80	11	54
LEX-POTHS 200XR	**BX-POTHS 200XR**	**LEX-POTHS 200XR-FI**	200	50	300	roller bearing	235	140 x 110	105 x 75–80	11	54
LEX-POTHS 200XK	**BX-POTHS 200XK**	**LEX-POTHS 200XK-FI**	200	50	300	ball bearing	235	140 x 110	105 x 75–80	11	54

Versions / options









	with “ideal-stop” brake	directional lock (separate) 1 x 360°, stainless	directional lock (separate) 1 x 360°, stainless	with synthetic foot guard
Technical description page	112	115	115	116
Product code suffix	**-IS**	**RI-03.01-KX**	**RI-03.03-KX**	**-FP**
Available for	wheel Ø 160–200 mm*	wheel Ø 100–125 mm**	wheel Ø 160–200 mm**	wheel Ø 125 mm upon request

* Without changing total height
** Only for swivel castors without brake

LEXR-POTHS series

Stainless steel castors with bolt hole, wheel with soft thermoplastic polyurethane tread

150–300 kg



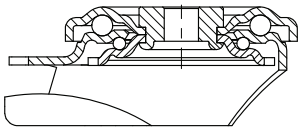
Bracket: LEXR series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process
- all parts including axle material are corrosion-resistant

Wheel: POTHS series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 80 Shore A, colour blue, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour natural white

Additional details:
- bracket series: page 96
- brakes: page 112–113
- wheel series: page 65
- bearing types: page 84–85







Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LEXR-POTHS 100G	**LEXR-POTHS 100G-FI**	100	35	150	plain bore	125	70	13	36
LEXR-POTHS 100XR	**LEXR-POTHS 100XR-FI**	100	35	150	roller bearing	125	70	13	36
LEXR-POTHS 100XKA	**LEXR-POTHS 100XKA-FI**	100	35	150	ball bearing (C)	125	70	13	36
LEXR-POTHS 125G	**LEXR-POTHS 125G-FI**	125	40	150	plain bore	150	70	13	38
LEXR-POTHS 125XR	**LEXR-POTHS 125XR-FI**	125	40	150	roller bearing	150	70	13	38
LEXR-POTHS 125XKA	**LEXR-POTHS 125XKA-FI**	125	40	150	ball bearing (C)	150	70	13	38
LEXR-POTHS 160G	**LEXR-POTHS 160G-FI**	160	45	300	plain bore	195	88	13	54
LEXR-POTHS 160XR	**LEXR-POTHS 160XR-FI**	160	45	300	roller bearing	195	88	13	54
LEXR-POTHS 160XK	**LEXR-POTHS 160XK-FI**	160	45	300	ball bearing	195	88	13	54
LEXR-POTHS 200G	**LEXR-POTHS 200G-FI**	200	50	300	plain bore	235	88	13	54
LEXR-POTHS 200XR	**LEXR-POTHS 200XR-FI**	200	50	300	roller bearing	235	88	13	54
LEXR-POTHS 200XK	**LEXR-POTHS 200XK-FI**	200	50	300	ball bearing	235	88	13	54

Versions / options



	with synthetic foot guard
Technical description page	116
Product code suffix	**-FP**
Available for	wheel Ø 125 mm upon request

LEXZ-POTHS series

Stainless steel castors with stem, wheel with soft thermoplastic polyurethane tread

150–300 kg



Bracket: LEXZ series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- double ball bearing in the swivel head
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process
- stainless steel plug-in stem and central kingpin bolted and secured
- all parts including axle material are corrosion-resistant

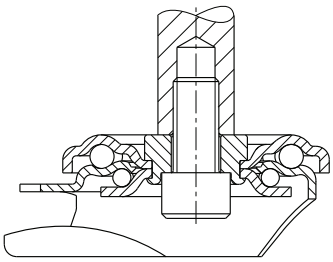
Wheel: POTHS series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 80 Shore A, colour blue, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour natural white

Additional details:
- bracket series: page 96
- brakes: page 112–113
- wheel series: page 65
- bearing types: page 84–85

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Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø [mm]	Stem length [mm]	Offset swivel castor [mm]
LEXZ-POTHS 100G	**LEXZ-POTHS 100G-FI**	100	35	150	plain bore	125	20	50	36
LEXZ-POTHS 100XR	**LEXZ-POTHS 100XR-FI**	100	35	150	roller bearing	125	20	50	36
LEXZ-POTHS 100XKA	**LEXZ-POTHS 100XKA-FI**	100	35	150	ball bearing (C)	125	20	50	36
LEXZ-POTHS 125G	**LEXZ-POTHS 125G-FI**	125	40	150	plain bore	150	20	50	38
LEXZ-POTHS 125XR	**LEXZ-POTHS 125XR-FI**	125	40	150	roller bearing	150	20	50	38
LEXZ-POTHS 125XKA	**LEXZ-POTHS 125XKA-FI**	125	40	150	ball bearing (C)	150	20	50	38
LEXZ-POTHS 160G	**LEXZ-POTHS 160G-FI**	160	45	300	plain bore	195	27	60	54
LEXZ-POTHS 160XR	**LEXZ-POTHS 160XR-FI**	160	45	300	roller bearing	195	27	60	54
LEXZ-POTHS 160XK	**LEXZ-POTHS 160XK-FI**	160	45	300	ball bearing	195	27	60	54
LEXZ-POTHS 200G	**LEXZ-POTHS 200G-FI**	200	50	300	plain bore	235	27	60	54
LEXZ-POTHS 200XR	**LEXZ-POTHS 200XR-FI**	200	50	300	roller bearing	235	27	60	54
LEXZ-POTHS 200XK	**LEXZ-POTHS 200XK-FI**	200	50	300	ball bearing	235	27	60	54

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Versions / options



	with synthetic foot guard
Technical description page	116
Product code suffix	**-FP**
Available for	wheel Ø 125 mm upon request

LX-POTHS, BX-POTHS series

Stainless steel castors, medium-duty design, with top plate, wheel with soft thermoplastic polyurethane tread

200–400 kg



Bracket: LX/BX series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- all parts including axle material are corrosion-resistant

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

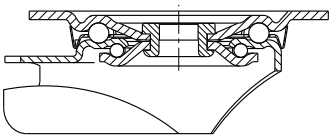
Wheel: POTHS series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 80 Shore A, colour blue, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour natural white

Additional details:
- bracket series: page 97
- brakes: page 112–113
- wheel series: page 65
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LX-POTHS 100G	**BX-POTHS 100G**	**LX-POTHS 100G-FI**	100	35	200	plain bore	125	100 x 85	80 x 60	9	36
LX-POTHS 100XR	**BX-POTHS 100XR**	**LX-POTHS 100XR-FI**	100	35	200	roller bearing	125	100 x 85	80 x 60	9	36
LX-POTHS 100XKA	**BX-POTHS 100XKA**	**LX-POTHS 100XKA-FI**	100	35	200	ball bearing (C)	125	100 x 85	80 x 60	9	36
LX-POTHS 125G	**BX-POTHS 125G**	**LX-POTHS 125G-FI**	125	40	250	plain bore	150	100 x 85	80 x 60	9	38
LX-POTHS 125XR	**BX-POTHS 125XR**	**LX-POTHS 125XR-FI**	125	40	250	roller bearing	150	100 x 85	80 x 60	9	38
LX-POTHS 125XKA	**BX-POTHS 125XKA**	**LX-POTHS 125XKA-FI**	125	40	250	ball bearing (C)	150	100 x 85	80 x 60	9	38
LX-POTHS 160G	**BX-POTHS 160G**	**LX-POTHS 160G-FI**	160	45	400	plain bore	195	140 x 110	105 x 75–80	11	60
LX-POTHS 160XR	**BX-POTHS 160XR**	**LX-POTHS 160XR-FI**	160	45	400	roller bearing	195	140 x 110	105 x 75–80	11	60
LX-POTHS 160XK	**BX-POTHS 160XK**	**LX-POTHS 160XK-FI**	160	45	400	ball bearing	195	140 x 110	105 x 75–80	11	60
LX-POTHS 200G	**BX-POTHS 200G**	**LX-POTHS 200G-FI**	200	50	400	plain bore	235	140 x 110	105 x 75–80	11	65
LX-POTHS 200XR	**BX-POTHS 200XR**	**LX-POTHS 200XR-FI**	200	50	400	roller bearing	235	140 x 110	105 x 75–80	11	65
LX-POTHS 200XK	**BX-POTHS 200XK**	**LX-POTHS 200XK-FI**	200	50	400	ball bearing	235	140 x 110	105 x 75–80	11	65

Versions / options









	with “stop-top” brake	directional lock (separate) 1 x 360°, stainless	directional lock (separate) 1 x 360°, stainless	with synthetic foot guard
Technical description page	112	115	115	116
Product code suffix	**-ST**	**RI-03.01-KX**	**RI-05.03-KX**	**-FP**
Available for	all	wheel Ø 100–125 mm*	wheel Ø 160 mm; wheel Ø 200 mm upon request*	wheel Ø 125 mm upon request

* Only for swivel castors without brake or swivel castor with “stop-top” brake upon request

LX-POTH, BX-POTH series

Stainless steel castors, medium-duty design, with top plate, wheel with thermoplastic polyurethane tread

250–400 kg



Bracket: LX/BX series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- all parts including axle material are corrosion-resistant

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: POTH series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A, colour dark grey, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour natural white

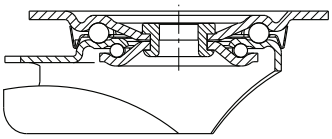
Additional details:
- bracket series: page 97
- brakes: page 112–113
- wheel series: page 65
- bearing types: page 84–85

INOX









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LX-POTH 100G	**BX-POTH 100G**	**LX-POTH 100G-FI**	100	35	250	plain bore	125	100 x 85	80 x 60	9	36
LX-POTH 100XR	**BX-POTH 100XR**	**LX-POTH 100XR-FI**	100	35	250	roller bearing	125	100 x 85	80 x 60	9	36
LX-POTH 100KAD	**BX-POTH 100KAD**	**LX-POTH 100KAD-FI**	100	35	250	ball bearing (C)	125	100 x 85	80 x 60	9	36
LX-POTH 125G	**BX-POTH 125G**	**LX-POTH 125G-FI**	125	40	250	plain bore	150	100 x 85	80 x 60	9	38
LX-POTH 125XR	**BX-POTH 125XR**	**LX-POTH 125XR-FI**	125	40	250	roller bearing	150	100 x 85	80 x 60	9	38
LX-POTH 125KAD	**BX-POTH 125KAD**	**LX-POTH 125KAD-FI**	125	40	250	ball bearing (C)	150	100 x 85	80 x 60	9	38
LX-POTH 150G	**BX-POTH 150G**	**LX-POTH 150G-FI**	150	45	400	plain bore	190	140 x 110	105 x 75–80	11	60
LX-POTH 150XR	**BX-POTH 150XR**	**LX-POTH 150XR-FI**	150	45	400	roller bearing	190	140 x 110	105 x 75–80	11	60
LX-POTH 150XK	**BX-POTH 150XK**	**LX-POTH 150XK-FI**	150	45	400	ball bearing	190	140 x 110	105 x 75–80	11	60
LX-POTH 160G	**BX-POTH 160G**	**LX-POTH 160G-FI**	160	45	400	plain bore	195	140 x 110	105 x 75–80	11	60
LX-POTH 160XR	**BX-POTH 160XR**	**LX-POTH 160XR-FI**	160	45	400	roller bearing	195	140 x 110	105 x 75–80	11	60
LX-POTH 160XK	**BX-POTH 160XK**	**LX-POTH 160XK-FI**	160	45	400	ball bearing	195	140 x 110	105 x 75–80	11	60
LX-POTH 200G	**BX-POTH 200G**	**LX-POTH 200G-FI**	200	50	400	plain bore	235	140 x 110	105 x 75–80	11	65
LX-POTH 200XR	**BX-POTH 200XR**	**LX-POTH 200XR-FI**	200	50	400	roller bearing	235	140 x 110	105 x 75–80	11	65
LX-POTH 200XK	**BX-POTH 200XK**	**LX-POTH 200XK-FI**	200	50	400	ball bearing	235	140 x 110	105 x 75–80	11	65

Versions / options



	with “stop-top” brake	directional lock (separate) 1 x 360°, stainless	directional lock (separate) 1 x 360°, stainless	with synthetic foot guard
Technical description page	112	115	115	116
Product code suffix	**-ST**	**RI-03.01-KX**	**RI-05.03-KX**	**-FP**
Available for	all	wheel Ø 100–125 mm*	wheel Ø 150+160 mm; wheel Ø 200 mm upon request*	wheel Ø 125 mm upon request

* Only for swivel castors without brake or swivel castor with “stop-top” brake upon request

LKX-POTH, BKX-POTH series

Stainless steel heavy-duty castors with top plate, wheel with thermoplastic polyurethane tread

200–800 kg



Bracket: LKX/BKX series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- all parts including axle material are corrosion-resistant

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 150x45 mm)
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

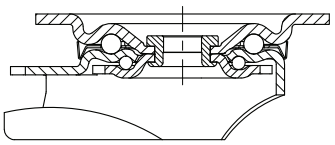
Wheel: POTH series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A, colour dark grey, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour natural white

Additional details:
- bracket series: page 97
- brakes: page 112–113
- wheel series: page 65
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LKX-POTH 75G	**BKX-POTH 75G**	**LKX-POTH 75G-FI**	75	37	200	plain bore	108	100 x 85	80 x 60	9	40
LKX-POTH 75XR	**BKX-POTH 75XR**	**LKX-POTH 75XR-FI**	75	37	200	roller bearing	108	100 x 85	80 x 60	9	40
LKX-POTH 100G-1	**BKX-POTH 100G-1**	**LKX-POTH 100G-1-FI**	100	35	300	plain bore	130	100 x 85	80 x 60	9	45
LKX-POTH 100XR-1	**BKX-POTH 100XR-1**	**LKX-POTH 100XR-1-FI**	100	35	300	roller bearing	130	100 x 85	80 x 60	9	45
LKX-POTH 100KAD-1	**BKX-POTH 100KAD-1**	**LKX-POTH 100KAD-1-FI**	100	35	300	ball bearing (C)	130	100 x 85	80 x 60	9	45
LKX-POTH 125G-1	**BKX-POTH 125G-1**	**LKX-POTH 125G-1-FI**	125	40	350	plain bore	155	100 x 85	80 x 60	9	48
LKX-POTH 125KAD-1	**BKX-POTH 125KAD-1**	**LKX-POTH 125KAD-1-FI**	125	40	350	ball bearing (C)	155	100 x 85	80 x 60	9	48
LKX-POTH 125XK-1	**BKX-POTH 125XK-1**	**LKX-POTH 125XK-1-FI**	125	40	350	ball bearing	155	100 x 85	80 x 60	9	48
LKX-POTH 125G-3	**BKX-POTH 125G-3**	**LKX-POTH 125G-3-FI**	125	40	350	plain bore	155	140 x 110	105 x 75–80	11	48
LKX-POTH 125KAD-3	**BKX-POTH 125KAD-3**	**LKX-POTH 125KAD-3-FI**	125	40	350	ball bearing (C)	155	140 x 110	105 x 75–80	11	48
LKX-POTH 125XK-3	**BKX-POTH 125XK-3**	**LKX-POTH 125XK-3-FI**	125	40	350	ball bearing	155	140 x 110	105 x 75–80	11	48
LKX-POTH 150G	**BKX-POTH 150G**	**LKX-POTH 150G-FI**	150	45	500	plain bore	197	140 x 110	105 x 75–80	11	63
LKX-POTH 150XK	**BKX-POTH 150XK**	**LKX-POTH 150XK-FI**	150	45	500	ball bearing	197	140 x 110	105 x 75–80	11	63
LKX-POTH 160G	**BKX-POTH 160G**	**LKX-POTH 160G-FI**	160	45	550	plain bore	202	140 x 110	105 x 75–80	11	63
LKX-POTH 160XK	**BKX-POTH 160XK**	**LKX-POTH 160XK-FI**	160	45	550	ball bearing	202	140 x 110	105 x 75–80	11	63
LKX-POTH 200G	**BKX-POTH 200G**	**LKX-POTH 200G-FI**	200	50	800	plain bore	245	140 x 110	105 x 75–80	11	65
LKX-POTH 200XK	**BKX-POTH 200XK**	**LKX-POTH 200XK-FI**	200	50	800	ball bearing	245	140 x 110	105 x 75–80	11	65

Versions / options



	with “stop-top” brake	directional lock (separate) 1 x 360°, stainless
Technical description page	112	115
Product code suffix	**-ST**	**RI-05.03-KX**
Available for	wheel Ø 150–200 mm	wheel Ø 150–200 mm*

* Only for swivel castors without brake or swivel castor with “stop-top” brake upon request

LEX-POBS, BX-POBS series

Stainless steel castors with top plate, wheel with Blickle Besthane® Soft polyurethane tread



140–300 kg

Bracket: LEX/BX series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- all parts including axle material are corrosion-resistant

Swivel bracket:
- double ball bearing in the swivel head
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: POBS series
- tread: high-quality polyurethane elastomer Blickle Besthane® Soft, hardness 75 Shore A, colour blue, non-marking, non-staining, very low rolling resistance, **high dynamic load capacity**, corrosion and hydrolysis-resistant
- wheel centre: high-quality nylon 6, impact resistant, colour black

Additional details:
- bracket series: page 96
- brakes: page 112–113
- wheel series: page 68
- bearing types: page 84–85

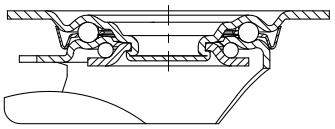
INOX

Blickle Besthane® Soft









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LEX-POBS 80XKF	**BX-POBS 80XKF**	**LEX-POBS 80XKF-FI**	80	30	140	ball bearing (C)	102	100 x 85	80 x 60	9	38
LEX-POBS 100XKA	**BX-POBS 100XKA**	**LEX-POBS 100XKA-FI**	100	38	150	ball bearing (C)	125	100 x 85	80 x 60	9	36
LEX-POBS 125XKA	**BX-POBS 125XKA**	**LEX-POBS 125XKA-FI**	125	40	150	ball bearing (C)	150	100 x 85	80 x 60	9	38
LEX-POBS 160XKA	**BX-POBS 160XKA**	**LEX-POBS 160XKA-FI**	160	50	300	ball bearing (CC)	195	140 x 110	105 x 75–80	11	54
LEX-POBS 200XKA	**BX-POBS 200XKA**	**LEX-POBS 200XKA-FI**	200	50	300	ball bearing (CC)	235	140 x 110	105 x 75–80	11	54

8

Versions / options









	with “ideal-stop” brake	directional lock (separate) 1 x 360°, stainless	directional lock (separate) 1 x 360°, stainless	with synthetic foot guard
Technical description page	112	115	115	116
Product code suffix	**-IS**	**RI-03.01-KX**	**RI-03.03-KX**	**-FP**
Available for	wheel Ø 160–200 mm upon request*	wheel Ø 100–125 mm**	wheel Ø 160–200 mm**	wheel Ø 125 mm upon request

* Without changing total height
** Only for swivel castors without brake

LKX-POBS, BKX-POBS series

Stainless steel heavy-duty castors, with top plate, wheel with Blickle Besthane® Soft polyurethane tread

200–500 kg



Bracket: LKX/BKX series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- all parts including axle material are corrosion-resistant

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 160x50 mm)
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: POBS series
- tread: high-quality polyurethane elastomer Blickle Besthane® Soft, hardness 75 Shore A, colour blue, non-marking, non-staining, very low rolling resistance, **high dynamic load capacity**, corrosion and hydrolysis-resistant
- wheel centre: high-quality nylon 6, impact resistant, colour black

Additional details:
- bracket series: page 97
- brakes: page 112–113
- wheel series: page 68
- bearing types: page 84–85

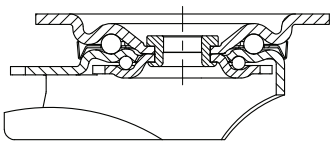
INOX

Blickle Besthane® Soft









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LKX-POBS 100XKA-1	**BKX-POBS 100XKA-1**	**LKX-POBS 100XKA-1-FI**	100	38	200	ball bearing (C)	130	100 x 85	80 x 60	9	45
LKX-POBS 125XKA-1	**BKX-POBS 125XKA-1**	**LKX-POBS 125XKA-1-FI**	125	40	250	ball bearing (C)	155	100 x 85	80 x 60	9	48
LKX-POBS 125XKA-3	**BKX-POBS 125XKA-3**	**LKX-POBS 125XKA-3-FI**	125	40	250	ball bearing (C)	155	140 x 110	105 x 75–80	11	48
LKX-POBS 160XKA	**BKX-POBS 160XKA**	**LKX-POBS 160XKA-FI**	160	50	400	ball bearing (CC)	202	140 x 110	105 x 75–80	11	63
LKX-POBS 200XKA	**BKX-POBS 200XKA**	**LKX-POBS 200XKA-FI**	200	50	500	ball bearing (CC)	245	140 x 110	105 x 75–80	11	65

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Versions / options



	with “stop-top” brake	directional lock (separate) 1 x 360°, stainless
Technical description page	112	115
Product code suffix	**-ST**	**RI-05.03-KX**
Available for	wheel Ø 160–200 mm	wheel Ø 160–200 mm*

* Only for swivel castors without brake or swivel castor with “stop-top” brake upon request

LEX-PO, BX-PO series

Stainless steel castors with top plate, with nylon wheel

150–300 kg



Bracket: LEX/BX series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- all parts including axle material are corrosion-resistant

Swivel bracket:
- double ball bearing in the swivel head
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: PO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour natural white

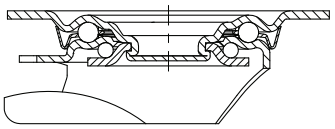
Additional details:
- bracket series: page 96
- brakes: page 112–113
- wheel series: page 69
- bearing types: page 84–85

INOX









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LEX-PO 75G	**BX-PO 75G**	**LEX-PO 75G-FI**	75	32	150	plain bore	100	100 x 85	80 x 60	9	38
LEX-PO 75XR	**BX-PO 75XR**	**LEX-PO 75XR-FI**	75	32	150	roller bearing	100	100 x 85	80 x 60	9	38
LEX-PO 80G	**BX-PO 80G**	**LEX-PO 80G-FI**	80	32	150	plain bore	102	100 x 85	80 x 60	9	38
LEX-PO 80XR	**BX-PO 80XR**	**LEX-PO 80XR-FI**	80	32	150	roller bearing	102	100 x 85	80 x 60	9	38
LEX-PO 80KAD	**BX-PO 80KAD**	**LEX-PO 80KAD-FI**	80	32	150	ball bearing (C)	102	100 x 85	80 x 60	9	38
LEX-PO 100G	**BX-PO 100G**	**LEX-PO 100G-FI**	100	37	150	plain bore	125	100 x 85	80 x 60	9	36
LEX-PO 100XR	**BX-PO 100XR**	**LEX-PO 100XR-FI**	100	37	150	roller bearing	125	100 x 85	80 x 60	9	36
LEX-PO 100KAD	**BX-PO 100KAD**	**LEX-PO 100KAD-FI**	100	37	150	ball bearing (C)	125	100 x 85	80 x 60	9	36
LEX-PO 125G	**BX-PO 125G**	**LEX-PO 125G-FI**	125	40	150	plain bore	150	100 x 85	80 x 60	9	38
LEX-PO 125XR	**BX-PO 125XR**	**LEX-PO 125XR-FI**	125	40	150	roller bearing	150	100 x 85	80 x 60	9	38
LEX-PO 125KAD	**BX-PO 125KAD**	**LEX-PO 125KAD-FI**	125	40	150	ball bearing (C)	150	100 x 85	80 x 60	9	38
LEX-PO 150G	**BX-PO 150G**	**LEX-PO 150G-FI**	150	50	300	plain bore	190	140 x 110	105 x 75–80	11	54
LEX-PO 150XR	**BX-PO 150XR**	**LEX-PO 150XR-FI**	150	50	300	roller bearing	190	140 x 110	105 x 75–80	11	54
LEX-PO 160G	**BX-PO 160G**	**LEX-PO 160G-FI**	160	50	300	plain bore	195	140 x 110	105 x 75–80	11	54
LEX-PO 160XR	**BX-PO 160XR**	**LEX-PO 160XR-FI**	160	50	300	roller bearing	195	140 x 110	105 x 75–80	11	54
LEX-PO 200G	**BX-PO 200G**	**LEX-PO 200G-FI**	200	50	300	plain bore	235	140 x 110	105 x 75–80	11	54
LEX-PO 200XR	**BX-PO 200XR**	**LEX-PO 200XR-FI**	200	50	300	roller bearing	235	140 x 110	105 x 75–80	11	54

8

Versions / options











	electrically conductive version, non-marking grey	directional lock (separate) 1 x 360°, stainless	directional lock (separate) 1 x 360°, stainless	with synthetic foot guard	with stainless steel ball bearing and small thread guard
Technical description page	50	115	115	116	85
Product code suffix	**-ELS**	**RI-03.01-KX**	**RI-03.03-KX**	**-FP**	**-XKA**
Available for	see series PO...-ELS (page 435)	wheel Ø 75, 100, 125 mm*	wheel Ø 150–200 mm*	wheel Ø 125 mm upon request	upon request

* Only for swivel castors without brake

LEXR-PO series

Stainless steel castors with bolt hole, with nylon wheel

150–300 kg



Bracket: LEXR series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process
- all parts including axle material are corrosion-resistant

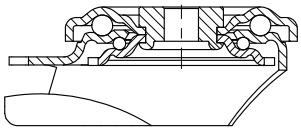
Wheel: PO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour natural white

Additional details:
- bracket series: page 96
- brakes: page 112–113
- wheel series: page 69
- bearing types: page 84–85

INOX







Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LEXR-PO 75G	**LEXR-PO 75G-FI**	75	32	150	plain bore	100	70	13	38
LEXR-PO 75XR	**LEXR-PO 75XR-FI**	75	32	150	roller bearing	100	70	13	38
LEXR-PO 80G	**LEXR-PO 80G-FI**	80	32	150	plain bore	102	70	13	38
LEXR-PO 80XR	**LEXR-PO 80XR-FI**	80	32	150	roller bearing	102	70	13	38
LEXR-PO 80KAD	**LEXR-PO 80KAD-FI**	80	32	150	ball bearing (C)	102	70	13	38
LEXR-PO 100G	**LEXR-PO 100G-FI**	100	37	150	plain bore	125	70	13	36
LEXR-PO 100XR	**LEXR-PO 100XR-FI**	100	37	150	roller bearing	125	70	13	36
LEXR-PO 100KAD	**LEXR-PO 100KAD-FI**	100	37	150	ball bearing (C)	125	70	13	36
LEXR-PO 125G	**LEXR-PO 125G-FI**	125	40	150	plain bore	150	70	13	38
LEXR-PO 125XR	**LEXR-PO 125XR-FI**	125	40	150	roller bearing	150	70	13	38
LEXR-PO 125KAD	**LEXR-PO 125KAD-FI**	125	40	150	ball bearing (C)	150	70	13	38
LEXR-PO 150G	**LEXR-PO 150G-FI**	150	50	300	plain bore	190	88	13	54
LEXR-PO 150XR	**LEXR-PO 150XR-FI**	150	50	300	roller bearing	190	88	13	54
LEXR-PO 160G	**LEXR-PO 160G-FI**	160	50	300	plain bore	195	88	13	54
LEXR-PO 160XR	**LEXR-PO 160XR-FI**	160	50	300	roller bearing	195	88	13	54
LEXR-PO 200G	**LEXR-PO 200G-FI**	200	50	300	plain bore	235	88	13	54
LEXR-PO 200XR	**LEXR-PO 200XR-FI**	200	50	300	roller bearing	235	88	13	54

Versions / options







	electrically conductive version, non-marking grey	with stainless steel ball bearing and small thread guard	with synthetic foot guard
Technical description page	50	85	116
Product code suffix	**-ELS**	**-XKA**	**-FP**
Available for	see series PO...-ELS (page 435)	upon request	wheel Ø 125 mm upon request

LEXZ-PO series

Stainless steel castors with stem, with nylon wheel

150–300 kg



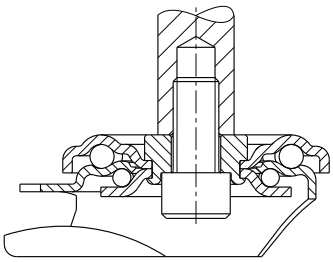
Bracket: LEXZ series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- double ball bearing in the swivel head
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process
- stainless steel plug-in stem and central kingpin bolted and secured
- all parts including axle material are corrosion-resistant

Wheel: PO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour natural white

Additional details:
- bracket series: page 96
- brakes: page 112–113
- wheel series: page 69
- bearing types: page 84–85

INOX





Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø [mm]	Stem length [mm]	Offset swivel castor [mm]
LEXZ-PO 75G	**LEXZ-PO 75G-FI**	75	32	150	plain bore	100	20	50	38
LEXZ-PO 80G	**LEXZ-PO 80G-FI**	80	32	150	plain bore	102	20	50	38
LEXZ-PO 100G	**LEXZ-PO 100G-FI**	100	37	150	plain bore	125	20	50	36
LEXZ-PO 125G	**LEXZ-PO 125G-FI**	125	40	150	plain bore	150	20	50	38
LEXZ-PO 150G	**LEXZ-PO 150G-FI**	150	50	300	plain bore	190	27	60	54
LEXZ-PO 160G	**LEXZ-PO 160G-FI**	160	50	300	plain bore	195	27	60	54
LEXZ-PO 200G	**LEXZ-PO 200G-FI**	200	50	300	plain bore	235	27	60	54

8

Versions / options





	electrically conductive version, non-marking grey	with synthetic foot guard
Technical description page	50	116
Product code suffix	**-ELS**	**-FP**
Available for	see series PO...-ELS (page 435)	wheel Ø 125 mm upon request

LX-PO, BX-PO series

Stainless steel castors, medium-duty design, with top plate, with nylon wheel

250–400 kg



Bracket: LX/BX series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- all parts including axle material are corrosion-resistant

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: PO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour natural white

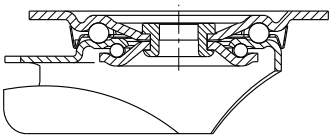
Additional details:
- bracket series: page 97
- brakes: page 112–113
- wheel series: page 69
- bearing types: page 84–85

INOX









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LX-PO 100G	**BX-PO 100G**	**LX-PO 100G-FI**	100	37	250	plain bore	125	100 x 85	80 x 60	9	36
LX-PO 100XR	**BX-PO 100XR**	**LX-PO 100XR-FI**	100	37	250	roller bearing	125	100 x 85	80 x 60	9	36
LX-PO 100KAD	**BX-PO 100KAD**	**LX-PO 100KAD-FI**	100	37	250	ball bearing (C)	125	100 x 85	80 x 60	9	36
LX-PO 125G	**BX-PO 125G**	**LX-PO 125G-FI**	125	40	250	plain bore	150	100 x 85	80 x 60	9	38
LX-PO 125XR	**BX-PO 125XR**	**LX-PO 125XR-FI**	125	40	250	roller bearing	150	100 x 85	80 x 60	9	38
LX-PO 125KAD	**BX-PO 125KAD**	**LX-PO 125KAD-FI**	125	40	250	ball bearing (C)	150	100 x 85	80 x 60	9	38
LX-PO 150G	**BX-PO 150G**	**LX-PO 150G-FI**	150	50	400	plain bore	190	140 x 110	105 x 75–80	11	60
LX-PO 150XR	**BX-PO 150XR**	**LX-PO 150XR-FI**	150	50	400	roller bearing	190	140 x 110	105 x 75–80	11	60
LX-PO 150XK	**BX-PO 150XK**	**LX-PO 150XK-FI**	150	50	400	ball bearing	190	140 x 110	105 x 75–80	11	60
LX-PO 160G	**BX-PO 160G**	**LX-PO 160G-FI**	160	50	400	plain bore	195	140 x 110	105 x 75–80	11	60
LX-PO 160XR	**BX-PO 160XR**	**LX-PO 160XR-FI**	160	50	400	roller bearing	195	140 x 110	105 x 75–80	11	60
LX-PO 160XK	**BX-PO 160XK**	**LX-PO 160XK-FI**	160	50	400	ball bearing	195	140 x 110	105 x 75–80	11	60
LX-PO 200G	**BX-PO 200G**	**LX-PO 200G-FI**	200	50	400	plain bore	235	140 x 110	105 x 75–80	11	65
LX-PO 200XR	**BX-PO 200XR**	**LX-PO 200XR-FI**	200	50	400	roller bearing	235	140 x 110	105 x 75–80	11	65
LX-PO 200XK	**BX-PO 200XK**	**LX-PO 200XK-FI**	200	50	400	ball bearing	235	140 x 110	105 x 75–80	11	65

Versions / options



	electrically conductive version, non-marking grey	with “stop-top” brake	directional lock (separate) 1 x 360°, stainless	directional lock (separate) 1 x 360°, stainless	with synthetic foot guard
Technical description page	50	112	115	115	116
Product code suffix	**-ELS**	**-ST**	**RI-03.01-KX**	**RI-05.03-KX**	**-FP**
Available for	see series PO...-ELS (page 435)	all	wheel Ø 100–125 mm*	wheel Ø 150+160 mm; wheel Ø 200 mm upon request*	wheel Ø 125 mm upon request

* Only for swivel castors without brake or swivel castor with “stop-top” brake upon request

LKX-SPO, BKX-SPO series

Stainless steel heavy-duty castors with top plate, with heavy-duty nylon wheel

350–800 kg



Bracket: LKX/BKX series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- all parts including axle material are corrosion-resistant

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 125x50 mm)
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

Wheel: SPO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, extremely robust heavy-duty version, colour natural white

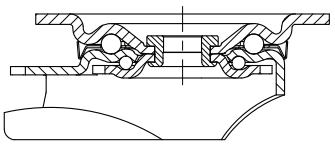
Additional details:
- bracket series: page 97
- brakes: page 112–113
- wheel series: page 69
- bearing types: page 84–85

INOX









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LKX-SPO 80G	**BKX-SPO 80G**	**LKX-SPO 80G-FI**	80	37	350	plain bore	110	100 x 85	80 x 60	9	40
LKX-SPO 80XK	**BKX-SPO 80XK**	**LKX-SPO 80XK-FI**	80	37	350	ball bearing	110	100 x 85	80 x 60	9	40
LKX-SPO 100G-1	**BKX-SPO 100G-1**	**LKX-SPO 100G-1-FI**	100	37	350	plain bore	130	100 x 85	80 x 60	9	45
LKX-SPO 100XK-1	**BKX-SPO 100XK-1**	**LKX-SPO 100XK-1-FI**	100	37	350	ball bearing	130	100 x 85	80 x 60	9	45
LKX-SPO 125G-1	**BKX-SPO 125G-1**	**LKX-SPO 125G-1-FI**	125	40	350	plain bore	155	100 x 85	80 x 60	9	48
LKX-SPO 125G-3	**BKX-SPO 125G-3**	**LKX-SPO 125G-3-FI**	125	40	350	plain bore	155	140 x 110	105 x 75–80	11	48
LKX-SPO 125XK-1	**BKX-SPO 125XK-1**	**LKX-SPO 125XK-1-FI**	125	40	350	ball bearing	155	100 x 85	80 x 60	9	48
LKX-SPO 125XK-3	**BKX-SPO 125XK-3**	**LKX-SPO 125XK-3-FI**	125	40	350	ball bearing	155	140 x 110	105 x 75–80	11	48
LKX-SPO 127G	**BKX-SPO 127G**	**LKX-SPO 127G-FI**	125	50	750	plain bore	170	140 x 110	105 x 75–80	11	55
LKX-SPO 127XK	**BKX-SPO 127XK**	**LKX-SPO 127XK-FI**	125	50	750	ball bearing	170	140 x 110	105 x 75–80	11	55
LKX-SPO 150G	**BKX-SPO 150G**	**LKX-SPO 150G-FI**	150	50	800	plain bore	197	140 x 110	105 x 75–80	11	63
LKX-SPO 150XK	**BKX-SPO 150XK**	**LKX-SPO 150XK-FI**	150	50	800	ball bearing	197	140 x 110	105 x 75–80	11	63
LKX-SPO 200G	**BKX-SPO 200G**	**LKX-SPO 200G-FI**	200	50	800	plain bore	245	140 x 110	105 x 75–80	11	65
LKX-SPO 200XK	**BKX-SPO 200XK**	**LKX-SPO 200XK-FI**	200	50	800	ball bearing	245	140 x 110	105 x 75–80	11	65

8

Versions / options





	with “stop-top” brake	directional lock (separate) 1 x 360°, stainless
Technical description page	112	115
Product code suffix	**-ST**	**RI-05.03-KX**
Available for	wheel Ø 125x50–200 mm	wheel Ø 150–200 mm*

* Only for swivel castors without brake or swivel castor with “stop-top” brake upon request



Antistatic and electrically conductive wheels



Selection tool

Antistatic and electrically conductive wheels



Series	TPA...-ELS	VPA...-EL	VE...- / V...-EL	ALEV...-EL	ALEV...-SG-AS	PATH...-ELS
Tread / tyre	Thermoplastic rubber-elastomer	Standard solid rubber		Elastic solid rubber, smooth rolling quality, “Blickle Easy Roll”		Thermoplastic polyurethane
Tread and tyre hardness	85 Shore A	80 Shore A	80 Shore A	65 Shore A	65 Shore A	94 Shore A
Non-marking	✔	–	–	–	✔	✔
Wheel centre / rim	polypropylene	polypropylene	pressed steel	aluminium	aluminium	nylon
Wheel Ø	50–200 mm	50–150 mm	80–250 mm	100–250 mm	100–250 mm	50–200 mm
Load capacity up to	160 kg	100 kg	295 kg	650 kg	550 kg	325 kg
Rolling resistance	■■■■□	■■■□□	■■□□□	■■■■□	■■■■□	■■■■□
Smooth operation and floor preservation	■■■□□	■■■■□	■■■■□	■■■■□	■■■■□	■■■□□
Speeds up to	4 km/h	4 km/h	4 km/h	10 km/h	10 km/h	4 km/h
Electrical conductivity (ohmic resistance)	≤ 10^4 Ω	≤ 10^4 Ω	≤ 10^4 Ω	≤ 10^4 Ω	≤ 10^7 Ω	≤ 10^4 Ω
For a description of the wheel, refer to	page 426	page 427	page 428	page 429	page 430	page 431
For information about swivel and fixed castors, refer to	page 123–126, 187–188, 390–391, 399–400	page 128–132	page 196–198 / 201	page 222–227	page 222–227	page 137–140, 259–262, 394–395, 407–408

■■■■■ excellent ■■■■ very good ■■■ good ■■ satisfactory ■ adequate ✔ yes – no



ALTH...-AS	ALST...-AS	PP...-EL	PO...-ELS	G	SVS
Polyurethane-elastomer Blickle Extrathane®	Polyurethane-elastomer Blickle Softhane®	Polypropylene	Nylon	Grey cast iron	Heat-treatable steel
92 Shore A	75 Shore A	60 Shore D	70 Shore D	180–220 HB	190–230 HB
✔	✔	–	✔	–	✔
aluminium	aluminium	polypropylene	nylon	grey cast iron	heat-treatable steel
80–250 mm	100–200 mm	100–200 mm	80–200 mm	80–250 mm	65–300 mm
1,250 kg	750 kg	450 kg	600 kg	1,400 kg	15,000 kg
■■■■□	■■■■□	■■■■□	■■■■■	■■■■■	■■■■■
■■■□□	■■■■□	■■□□□	■■□□□	■□□□□	■□□□□
10 km/h	10 km/h	4 km/h	4 km/h	4 km/h	4 km/h
≤ 10^7 Ω	≤ 10^7 Ω	≤ 10^4 Ω	≤ 10^4 Ω	≤ 10^4 Ω	≤ 10^4 Ω
page 432	page 433	page 434	page 435	page 436	page 437
page 275–281	page 295–300	page 337–339	page 345–354, 417–420	page 377–381, 469–470	page 383–384

TPA...-ELS series

Wheels with thermoplastic rubber tread, with polypropylene wheel centre electrically conductive, non-marking



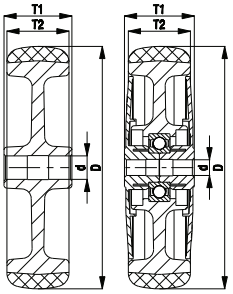
30–160 kg

Tread and tyre hardness
85 Shore A

Smooth operation / floor preservation
good

Rolling resistance
very good

Wear resistance
satisfactory



plain bore ball bearing (C) KF version

Tread:
- high-quality thermoplastic rubber-elastomer (TPE), hardness 85 Shore A
- low rolling and swivel resistance
- colour grey, non-marking
- chemically-bonded inseparable connection with the wheel centre

Wheel centre:
- high-quality polypropylene, impact resistant
- colour black

Other features:
- KF version: with synthetic thread guard, large
- KFD version: with synthetic thread guard, large, with additional ball bearing seal
- very high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +60 °C, reduced load capacity over +30 °C
- tread contains oil, may stain sensitive surfaces. alternatives: Series VPA, PATH
- electrical conductivity (ohmic resistance) ≤ 10^4 Ω

Additional details:
- wheel series: page 60
- tread: page 52
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
TPA 50/8G-ELS	50	19	30	plain bore	8	22
TPA 50/6KF-ELS	50	19	30	ball bearing (C)	6	23
TPA 50/6KFD-ELS	50	19	30	ball bearing (C)	6	23
TPA 75/8G-ELS	75	25	50	plain bore	8	29.5
TPA 75/6KF-ELS	75	25	50	ball bearing (C)	6	31
TPA 75/6KFD-ELS	75	25	50	ball bearing (C)	6	31
TPA 80/12G-ELS	80	32	65	plain bore	12	35
TPA 80/8KF-ELS	80	32	65	ball bearing (C)	8	36
TPA 80/8KFD-ELS	80	32	65	ball bearing (C)	8	36
TPA 100/8G-ELS	100	25	60	plain bore	8	29.5
TPA 101/12G-ELS	100	32	70	plain bore	12	35
TPA 102/12G-ELS	100	32	70	plain bore	12	45
TPA 101/8KF-ELS	100	32	70	ball bearing (C)	8	36
TPA 101/8KFD-ELS	100	32	70	ball bearing (C)	8	36
TPA 102/8KF-ELS	100	32	70	ball bearing (C)	8	46
TPA 102/8KFD-ELS	100	32	70	ball bearing (C)	8	46
TPA 126/12G-ELS	125	32	80	plain bore	12	35
TPA 127/12G-ELS	125	32	80	plain bore	12	45
TPA 126/8KF-ELS	125	32	80	ball bearing (C)	8	36
TPA 126/8KFD-ELS	125	32	80	ball bearing (C)	8	36
TPA 127/8KF-ELS	125	32	80	ball bearing (C)	8	46
TPA 127/8KFD-ELS	125	32	80	ball bearing (C)	8	46
TPA 160/20G-ELS	160	40	130	plain bore	20	60
TPA 200/20G-ELS	200	40	160	plain bore	20	60

Castor series



	LPA-TPA / LKPA-TPA	LDA-TPA	LE-TPA	LPXA-TPA / LKPXA-TPA	LEX-TPA
Page	124	126	187	391	399
Load capacity class					
Available for	wheel Ø 50–125 mm*	wheel Ø 50–75 mm*	wheel Ø 80–200 mm*	wheel Ø 50–125 mm*	wheel Ø 80–200 mm*

* **Other castor series with bolt hole: LRA-TPA / LKRA-TPA** (page 123), **LMDA-TPA** (page 125), **LER-TPA** (page 188), **LRXA-TPA / LKRXA-TPA** (page 390), **LEXR-TPA** (page 400)

VPA...-EL series

Wheels with solid rubber tyre, with synthetic rim electrically conductive



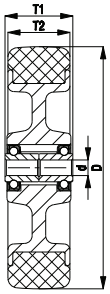
30–100 kg

Tread and tyre hardness
80 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
good

Wear resistance
sufficient



Tyre:
- high-quality solid rubber, hardness 80 Shore A
- very good operational comfort
- very good floor preservation, low-noise operation
- colour black

Rim:
- high-quality polypropylene, impact resistant
- colour black

Other features:
- high chemical resistance to many aggressive substances, except oils
- operating temperature: -20 °C to +60 °C, reduced load capacity over +30 °C
- electrical conductivity (ohmic resistance) ≤ 10^4 Ω

Additional details:
- wheel series: page 60
- tread: page 52
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VPA 50/6K-EL	50	18	30	ball bearing	6	22.5
VPA 75/6K-EL	75	25	45	ball bearing	6	30
VPA 80/8K-EL	80	25	60	ball bearing	8	35
VPA 100/6K-EL	100	25	70	ball bearing	6	30
VPA 101/8K-EL	100	32	80	ball bearing	8	35
VPA 125/8K-EL	125	25	75	ball bearing	8	35
VPA 126/8K-EL	125	32	95	ball bearing	8	35
VPA 150/8K-EL	150	30	100	ball bearing	8	35

Castor series



	LRA-VPA / LKRA-VPA	LPA-VPA / LKPA-VPA	LMDA-VPA	LDA-VPA
Page	128	130	131	132
Load capacity class				
Available for	wheel Ø 50–150 mm	wheel Ø 50–150 mm	wheel Ø 50–75 mm	wheel Ø 50–75 mm

VE...-EL / V...-EL series

Wheels with standard solid rubber tyre, with pressed steel rim electrically conductive



50–295 kg

Tread and tyre hardness
80 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
satisfactory

Wear resistance
sufficient

Tyre:
- standard solid rubber, hardness 80 Shore A
- very good operational comfort
- very good floor preservation, low-noise operation
- colour black

Rim:
- pressed steel
- zinc-plated, blue-passivated, Cr6-free

Other features:
- chemical resistance to many aggressive substances, except oils
- operating temperature: -20 °C to +80 °C, reduced load capacity over +60 °C
- electrical conductivity (ohmic resistance) ≤ 10^4 Ω

Additional details:
- wheel series: page 61–62
- tread: page 52
- bearing types: page 84–85
- chemical resistance: page 51

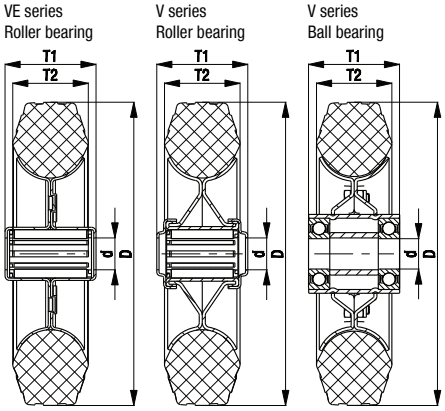
Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VE series						
VE 80/12R-EL	80	25	50	roller bearing	12	35
VE 100/12R-EL	100	30	70	roller bearing	12	45
VE 125/12R-EL	125	37.5	100	roller bearing	12	45
VE 150/20R-EL	150	40	135	roller bearing	20	60
VE 160/20R-EL	160	40	135	roller bearing	20	60
VE 180/20R-EL	180	50	170	roller bearing	20	60
VE 200/20R-EL	200	50	205	roller bearing	20	60
V series						
V 80/12R-EL	80	25	50	roller bearing	12	35
V 100/15R-EL	100	30	70	roller bearing	15	45
V 125/15R-EL	125	37.5	100	roller bearing	15	45
V 140/15R-EL	140	37.5	115	roller bearing	15	45
V 162/20R-EL	160	40	135	roller bearing	20	60
V 182/20R-EL	180	50	170	roller bearing	20	60
V 202/20R-EL	200	50	205	roller bearing	20	60
V 202/25R-EL	200	50	205	roller bearing	25	60
V 200/20K-EL	200	50	205	ball bearing	20	60
V 252/25R-EL	250	60	295	roller bearing	25	65
V 250/25K-EL	250	60	295	ball bearing	25	65

Castor series



	LE-VE	LER-VE	L-V
Page	196	197	201
Load capacity class			
Available for	wheel Ø 80–200 mm*	wheel Ø 80–200 mm	wheel Ø 80–250 mm

* **Other castor series with stem: LEZ-VE** (page 198)



ALEV...-EL series

Heavy-duty wheels with elastic solid rubber tyre “Blickle EasyRoll”, with aluminium wheel centre electrically conductive



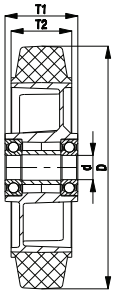
200–650 kg

Tread and tyre hardness
65 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
very good

Wear resistance
good



Blickle EasyRoll

Tyre:
- high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A
- very good operational comfort
- very good floor preservation, low-noise operation
- low rolling resistance
- colour black
- vulcanised onto the wheel centre

Wheel centre:
- die-cast aluminium

Other features:
- chemical resistance to many aggressive substances, except oils
- operating temperature: -20 °C to +80 °C, temporarily up to +100 °C, reduced load capacity over +60 °C
- electrical conductivity (ohmic resistance) ≤ 10^4 Ω

Additional details:
- wheel series: page 63
- tread: page 53
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
ALEV 100/15K-EL	100	40	200	–	ball bearing	15	40
ALEV 125/15K-EL	125	40	250	–	ball bearing	15	45
ALEV 161/15K-EL	160	40	300	150	ball bearing	15	60
ALEV 160/20K-EL	160	50	400	200	ball bearing	20	60
ALEV 160/25K-EL	160	50	400	200	ball bearing	25	60
ALEV 200/20K-EL	200	50	500	250	ball bearing	20	60
ALEV 200/25K-EL	200	50	500	250	ball bearing	25	60
ALEV 250/20K-EL	250	50	650	320	ball bearing	20	60
ALEV 250/25K-EL	250	50	650	320	ball bearing	25	60

9

Castor series



	L-ALEV	LK-ALEV	LH-ALEV	LUH-ALEV	LO-ALEV	LHD-ALEV
Page	222	223	224	225	226	227
Load capacity class						
Available for	wheel Ø 100–250 mm	wheel Ø 100–200 mm	wheel Ø 100–250 mm	wheel Ø 160–200 mm	wheel Ø 160–250 mm	wheel Ø 100–125 mm

ALEV...-SG-AS series

Heavy-duty wheels with elastic solid rubber tyre “Blickle EasyRoll”, with aluminium wheel centre antistatic, non-marking



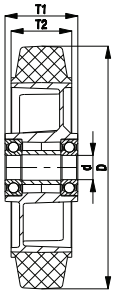
200–550 kg

Tread and tyre hardness
65 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
very good

Wear resistance
good



Blickle EasyRoll

Tyre:
- high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A
- very good operational comfort
- very good floor preservation, low-noise operation
- low rolling resistance
- colour grey, non-marking
- vulcanised onto the wheel centre

Wheel centre:
- die-cast aluminium

Other features:
- high chemical resistance to many aggressive substances, except oils
- operating temperature: -20 °C to +80 °C, temporarily up to +100 °C, reduced load capacity over +60 °C
- electrical conductivity (ohmic resistance) ≤ 10^7 Ω

Additional details:
- wheel series: page 63
- tread: page 53
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
ALEV 100/15K-SG-AS	100	40	200	–	ball bearing	15	40
ALEV 125/15K-SG-AS	125	40	250	–	ball bearing	15	45
ALEV 160/20K-SG-AS	160	50	350	170	ball bearing	20	60
ALEV 200/20K-SG-AS	200	50	450	220	ball bearing	20	60
ALEV 200/25K-SG-AS	200	50	450	220	ball bearing	25	60
ALEV 250/20K-SG-AS	250	50	550	270	ball bearing	20	60
ALEV 250/25K-SG-AS	250	50	550	270	ball bearing	25	60

Castor series



	L-ALEV	LK-ALEV	LH-ALEV	LUH-ALEV	LO-ALEV	LHD-ALEV
Page	222	223	224	225	226	227
Load capacity class						
Available for	wheel Ø 100–250 mm	wheel Ø 100–200 mm	wheel Ø 100–250 mm	wheel Ø 160–200 mm	wheel Ø 160–250 mm	wheel Ø 100–125 mm

PATH...-ELS series

Wheels with thermoplastic polyurethane tread, with nylon wheel centre, electrically conductive, non-marking



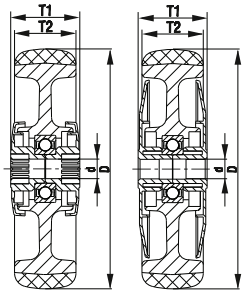
50–325 kg

Tread and tyre hardness
94 Shore A

Smooth operation / floor preservation
good

Rolling resistance
very good

Wear resistance
very good



ball bearing (C)
KA version

ball bearing (C)
KF version

Tread:
- high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A
- low rolling and swivel resistance
- high abrasion resistance
- colour dark grey, non-marking, non-staining
- chemically-bonded inseparable connection with the wheel centre

Wheel centre:
- high-quality nylon 6, impact resistant
- colour silver grey (thread guard: black)

Other features:
- KA version: with synthetic thread guard, small
- KF version: with synthetic thread guard, large
- KAD version: with synthetic thread guard, small, with additional ball bearing seal
- KFD version: with synthetic thread guard, large, with additional ball bearing seal
- very high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +35 °C
- electrical conductivity (ohmic resistance) ≤ 10^4 Ω

Additional details:
- wheel series: page 61
- tread: page 55
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
PATH 50/6KF-ELS	50	19	50	ball bearing (C)	6	23
PATH 50/6KFD-ELS	50	19	50	ball bearing (C)	6	23
PATH 75/6KF-ELS	75	25	65	ball bearing (C)	6	31
PATH 75/6KFD-ELS	75	25	65	ball bearing (C)	6	31
PATH 80/8KF-ELS	80	32	100	ball bearing (C)	8	36
PATH 80/8KFD-ELS	80	32	100	ball bearing (C)	8	36
PATH 101/8KF-ELS	100	32	130	ball bearing (C)	8	36
PATH 101/8KFD-ELS	100	32	130	ball bearing (C)	8	36
PATH 100/8KF-ELS	100	32	130	ball bearing (C)	8	46
PATH 100/8KFD-ELS	100	32	130	ball bearing (C)	8	46
PATH 100/10KF-ELS	100	32	130	ball bearing (C)	10	46
PATH 100/10KFD-ELS	100	32	130	ball bearing (C)	10	46
PATH 126/8KF-ELS	125	32	160	ball bearing (C)	8	36
PATH 126/8KFD-ELS	125	32	160	ball bearing (C)	8	36
PATH 125/8KF-ELS	125	32	160	ball bearing (C)	8	46
PATH 125/8KFD-ELS	125	32	160	ball bearing (C)	8	46
PATH 125/10KF-ELS	125	32	160	ball bearing (C)	10	46
PATH 125/10KFD-ELS	125	32	160	ball bearing (C)	10	46
PATH 160/12KAD-ELS	160	40	260	ball bearing (C)	12	62
PATH 160/12KA-ELS	160	40	260	ball bearing (C)	12	62
PATH 160/20KA-ELS	160	40	260	ball bearing (C)	20	60
PATH 160/20KAD-ELS	160	40	260	ball bearing (C)	20	60
PATH 200/12KAD-ELS	200	40	325	ball bearing (C)	12	62
PATH 200/12KA-ELS	200	40	325	ball bearing (C)	12	62
PATH 200/20KA-ELS	200	40	325	ball bearing (C)	20	60
PATH 200/20KAD-ELS	200	40	325	ball bearing (C)	20	60

Castor series



	LPA-PATH / LKPA-PATH	LDA-PATH	LE-PATH	L-PATH	LK-PATH	LPXA-PATH / LKPXA-PATH	LEX-PATH
Page	138	140	259	261	262	395	407
Load capacity class							
Available for	wheel Ø 50–125 mm*	wheel Ø 50–75 mm*	wheel Ø 80–200 mm*	wheel Ø 80–200 mm	wheel Ø 80–200 mm	wheel Ø 50–125 mm*	wheel Ø 80–200 mm*

* **Other castor series with bolt hole: LRA-PATH / LKRA-PATH** (page 137), **LMDA-PATH** (page 139), **LER-PATH** (page 260), **LRXA-PATH / LKRXA-PATH** (page 394), **LEXR-PATH** (page 408)

Blickle®

ALTH...-AS series

Heavy-duty wheels with Blickle Extrathane® polyurethane tread, with aluminium wheel centre, antistatic



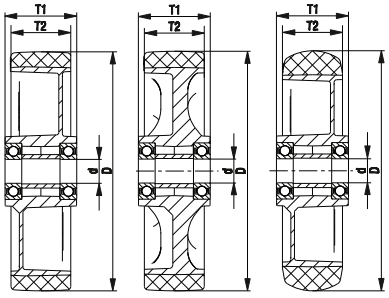
200–1,250 kg

Tread and tyre hardness
92 Shore A

Smooth operation / floor preservation
good

Rolling resistance
very good

Wear resistance
excellent



ball bearing | central bar design | version -CO

Blickle Extrathane®

Tread:
- high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A
- low rolling resistance
- high abrasion resistance
- high cut and tear propagation resistance
- colour grey, non-marking, non-staining
- excellent chemical connection with the wheel centre

Wheel centre:
- die-cast aluminium

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C
- electrical conductivity (ohmic resistance) ≤ 10^7 Ω

Additional details:
- wheel series: page 65
- tread: page 55
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
ALTH 80/15K-AS	80	30	200	–	ball bearing	15	35
ALTH 100/15K-AS	100	40	350	–	ball bearing	15	45
ALTH 101/15K-AS *	100	40	420	–	ball bearing	15	40
ALTH 101/15K-AS-CO *	100	40	420	–	ball bearing	15	40
ALTH 125/15K-AS	125	40	550	–	ball bearing	15	45
ALTH 125/15K-AS-CO	125	40	550	–	ball bearing	15	45
ALTH 127/20K-AS	125	54	750	370	ball bearing	20	60
ALTH 151/15K-AS	150	40	400	200	ball bearing	15	60
ALTH 150/20K-AS	150	50	650	320	ball bearing	20	60
ALTH 152/20K-AS *	150	54	900	450	ball bearing	20	60
ALTH 160/20K-AS	160	50	750	370	ball bearing	20	60
ALTH 160/20K-AS-CO	160	50	750	300	ball bearing	20	60
ALTH 162/20K-AS *	160	50	950	470	ball bearing	20	60
ALTH 180/20K-AS	180	50	700	350	ball bearing	20	60
ALTH 200/20K-AS	200	50	800	400	ball bearing	20	60
ALTH 200/20K-AS-CO	200	50	800	320	ball bearing	20	60
ALTH 200/25K-AS	200	50	800	400	ball bearing	25	60
ALTH 200/25K-AS-CO	200	50	800	320	ball bearing	25	60
ALTH 202/20K-AS *	200	50	1,000	500	ball bearing	20	60
ALTH 250/25K-AS	250	60	1,000	500	ball bearing	25	70
ALTH 252/25K-AS *	250	60	1,250	620	ball bearing	25	70

* With heavy-duty wheel centre, reinforced design

Castor series



	L-ALTH	LK-ALTH	LKR-ALTH	LH-ALTH	LHZ-ALTH	LUH-ALTH	LO-ALTH
Page	275	276	277	278	279	280	281
Load capacity class							
Available for	wheel Ø 80–250 mm	wheel Ø 80–200 mm	wheel Ø 80, 100, 125x40 mm	wheel Ø 80–250 mm	wheel Ø 125x54, 160, 200 mm	wheel Ø 125x54, 150, 160, 200 mm	wheel Ø 125x54, 150, 160, 200, 250 mm

ALST...-AS series

Heavy-duty wheels with Blickle Softhane® polyurethane tread, with aluminium wheel centre, antistatic

320–750 kg

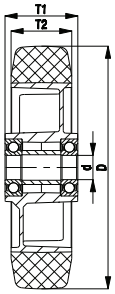


Tread and tyre hardness
75 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
very good

Wear resistance
very good



Blickle Softhane®

Tread:
- high-quality polyurethane elastomer Blickle Softhane®, hardness 75 Shore A
- extra-thick elastic tread for excellent operational comfort
- very good floor preservation, low-noise operation
- low rolling resistance
- high abrasion resistance
- high cut and tear propagation resistance
- colour grey, non-marking, non-staining
- excellent chemical connection with the wheel centre

Wheel centre:
- die-cast aluminium

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C
- electrical conductivity (ohmic resistance) ≤ 10^7 Ω

Additional details:
- wheel series: page 66
- tread: page 55
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
ALST 100/15K-AS	100	40	320	–	ball bearing	15	40
ALST 125/15K-AS	125	40	370	–	ball bearing	15	45
ALST 127/20K-AS	125	54	450	180	ball bearing	20	60
ALST 150/20K-AS	150	50	500	200	ball bearing	20	60
ALST 160/20K-AS	160	50	580	230	ball bearing	20	60
ALST 200/20K-AS	200	50	750	300	ball bearing	20	60

9

Castor series



	L-ALST	LK-ALST	LKR-ALST	LH-ALST	LUH-ALST	LO-ALST
Page	295	296	297	298	299	300
Load capacity class						
Available for	wheel Ø 100–200 mm	wheel Ø 100–200 mm	wheel Ø 100–125x40 mm	wheel Ø 100–200 mm	wheel Ø 125x54–200 mm	wheel Ø 125x54–200 mm

PP...-EL series

Polypropylene wheels electrically conductive



160–450 kg

Tread and tyre hardness
60 Shore D

Smooth operation / floor preservation
satisfactory

Rolling resistance
very good

Wear resistance
satisfactory

Wheel:
- high-quality polypropylene, impact resistant, hardness 60 Shore D
- low rolling and swivel resistance
- colour black

Other features:
- KA version: with synthetic thread guard, small
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +60 °C, reduced load capacity over +30 °C
- electrical conductivity (ohmic resistance) ≤ 10^4 Ω

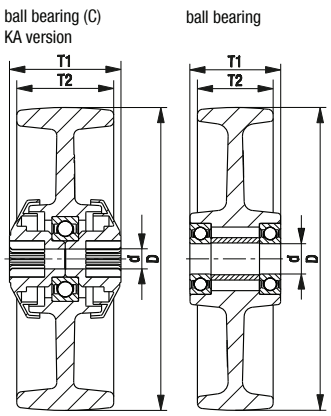
Additional details:
- wheel series: page 69
- tread: page 57
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
PP 100/8KA-EL	100	37	160	ball bearing (C)	8	46
PP 125/8KA-EL	125	40	200	ball bearing (C)	8	46
PP 150/20K-EL	150	50	300	ball bearing	20	60
PP 200/20K-EL	200	50	450	ball bearing	20	60

Castor series



	LE-PP	LER-PP	L-PP
Page	337	338	339
Load capacity class			
Available for	all	all	all



PO...-ELS series

Nylon wheels
electrically conductive, non-marking



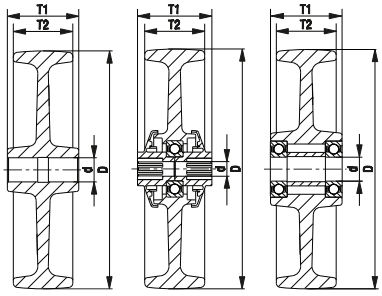
220–600 kg

Tread and tyre hardness
70 Shore D

Smooth operation / floor preservation
satisfactory

Rolling resistance
excellent

Wear resistance
good



plain bore | ball bearing (C) KA version | ball bearing

Wheel:
- high-quality nylon 6, impact resistant, hardness 70 Shore D
- excellent rolling and swivel resistance
- easy operation on smooth surfaces
- high abrasion resistance
- colour grey, non-marking

Other features:
- KA version: with synthetic thread guard, small
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +80 °C, reduced load capacity over +35 °C
- electrical conductivity (ohmic resistance) ≤ 10^4 Ω

Additional details:
- wheel series: page 69
- tread: page 57
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
PO 80/12G-ELS	80	32	220	plain bore	12	35
PO 80/8KA-ELS	80	32	220	ball bearing (C)	8	36
PO 100/12G-ELS	100	37	280	plain bore	12	45
PO 100/15G-ELS	100	37	280	plain bore	15	45
PO 100/8KA-ELS	100	37	280	ball bearing (C)	8	46
PO 100/10KA-ELS	100	37	280	ball bearing (C)	10	46
PO 125/12G-ELS	125	40	300	plain bore	12	45
PO 125/15G-ELS	125	40	300	plain bore	15	45
PO 125/8KA-ELS	125	40	300	ball bearing (C)	8	46
PO 125/10KA-ELS	125	40	300	ball bearing (C)	10	46
PO 150/20G-ELS	150	50	400	plain bore	20	60
PO 150/20K-ELS	150	50	400	ball bearing	20	60
PO 160/20G-ELS	160	50	450	plain bore	20	60
PO 160/20K-ELS	160	50	450	ball bearing	20	60
PO 200/20G-ELS	200	50	600	plain bore	20	60
PO 200/20K-ELS	200	50	600	ball bearing	20	60

9

Castor series



	LE-PO / LEX-PO	LER-PO / LEXR-PO	L-PO / LX-PO	LK-PO	LH-PO	LUH-PO	LO-PO
Page	345 / 417	346 / 418	348 / 420	350	352	353	354
Load capacity class							
Available for	wheel Ø 80–200 mm	wheel Ø 80–200 mm*	wheel Ø 80–200 mm	wheel Ø 100–200 mm	wheel Ø 100–200 mm	wheel Ø 150–200 mm	wheel Ø 150–200 mm

* **Other castor series with stem: LEZ-PO** (page 347), **LEXZ-PO** (page 419)

G series

Cast iron wheels



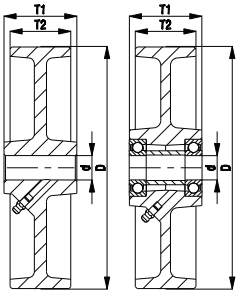
250–1,400 kg

Tread and tyre hardness
180–220 HB

Smooth operation / floor preservation
sufficient

Rolling resistance
excellent

Wear resistance
excellent



plain bore ball bearing

Wheel:
- rugged grey cast iron, hardness 180–220 HB
- with grease nipple
- extremely low rolling and swivel resistance
- outstanding wear resistance
- machined tread and edges
- lacquered, colour silver

Other features:
- chemical resistance to many aggressive substances
- operating temperature:
  plain bore version: -100 °C to +600 °C
  ball bearing version: ("K"): -20 °C to +120 °C
  ball bearing version: ("IK"): -30 °C to +300 °C
- consider the surface pressure on sensitive floors due to high point loads
- provide adequate lubrication on a regular basis for plain bore version
- to be lubricated according to the application temperature
- electrical conductivity (ohmic resistance) ≤ 10^4 Ω

Additional details:
- wheel series: page 70
- tread: page 59
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity up to +70 °C [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
G 80/12G	80	25	250	plain bore	12	35
G 80/15G	80	25	250	plain bore	15	35
G 100/15G	100	35	400	plain bore	15	45
G 100/15IK	100	35	400	ball bearing	15	40
G 100/15K	100	35	400	ball bearing	15	40
G 125/15G	125	35	450	plain bore	15	45
G 125/15IK	125	35	450	ball bearing	15	45
G 125/15K	125	35	450	ball bearing	15	45
G 127/20G	125	50	750	plain bore	20	60
G 127/20IK	125	50	750	ball bearing	20	60
G 127/20K	125	50	750	ball bearing	20	60
G 150/20G	150	50	900	plain bore	20	60
G 150/20IK	150	50	900	ball bearing	20	60
G 150/20K	150	50	900	ball bearing	20	60
G 200/20G	200	50	1,100	plain bore	20	60
G 200/20IK	200	50	1,000	ball bearing	20	60
G 200/20K	200	50	1,100	ball bearing	20	60
G 250/25G	250	60	1,400	plain bore	25	65
G 250/25IK	250	60	1,300	ball bearing	25	70
G 250/25K	250	60	1,400	ball bearing	25	70

Castor series



	L-G	LK-G	LH-G	LO-G	LS-G	LI-G	LIO-G
Page	377	378	379	380	381	469	470
Load capacity class							
Available for	wheel Ø 80–200 mm	wheel Ø 80–200 mm	all	wheel Ø 125x50–250 mm	wheel Ø 125x50–250 mm	wheel Ø 80–200 mm*	wheel Ø 125x50–250 mm*

* Plain bore version and ball bearing version "IK"

SVS series

Super heavy-duty solid steel wheels



750–15,000 kg

Tread and tyre hardness
190–230 HB

Smooth operation / floor preservation
sufficient

Rolling resistance
excellent

Wear resistance
excellent

Wheel:
- heat-treatable steel, machined, hardness 190–230 HB
- slightly crowned tread
- lightly-oiled surface
- extremely low rolling resistance
- easy operation on smooth surfaces
- outstanding wear resistance
- extremely high static and dynamic load capacity

Other features:
- chemical resistance to many aggressive substances
- operating temperature: -20 °C to +120 °C
- consider the surface pressure on sensitive floors due to high point loads
- electrical conductivity (ohmic resistance) ≤ 10^4 Ω

Additional details:
- wheel series: page 70
- tread: page 59
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
SVS 65/20K	65	40	750	ball bearing	20	45
SVS 80/20K	80	40	1,100	ball bearing	20	45
SVS 100/25K	100	40	1,700	ball bearing	25	45
SVS 127/30K	125	55	2,750	ball bearing	30	60
SVS 150/45K	150	55	4,000	ball bearing	45	60
SVS 201/50K	200	55	6,000	ball bearing	50	60
SVS 200/60K	200	80	7,000	ball bearing	60	90
SVS 250/70K	250	65	10,000	ball bearing	70	75
SVS 300/100K	300	90	15,000	ball bearing	100	100

Other dimensions available upon request

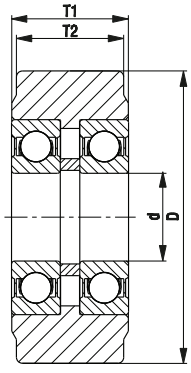
9

Castor series





	LH-SVS	LS-SVS
Page	383	384
Load capacity class		
Available for	wheel Ø 65–125 mm	wheel Ø 100–300 mm





10

Heat-resistant wheels and castors



10

Selection tool

Heat-resistant wheels and castors






Series	VEHI	VKHT	POSI	ALSI
Tread / tyre	Heat-resistant solid rubber		Highly heat-resistant silicone rubber	
Tread and tyre hardness	80 Shore A	85 Shore A	75 Shore A	75 Shore A
Non-marking	–	–	✔	✔
Wheel centre / rim	pressed steel	highly heat-resistant nylon	highly heat-resistant thermoplastic	aluminium
Wheel Ø	100–200 mm	100 mm	100–125 mm	100 mm
Load capacity up to	180 kg	100 kg	120 kg	100 kg
Temperature resistance	-25 to +200 °C	-30 to +260 °C temporarily up to +300 °C	-25 to +250 °C temporarily up to +300 °C	-25 to +250 °C temporarily up to +300 °C
Suitable for autoclaves	–	–	✔	–
Rolling resistance	■■□□□	■■□□□	■■■□□	■■■□□
Smooth operation and floor preservation	■■■■□	■■■□□	■■■■□	■■■■□
Wear resistance	■□□□□	■■□□□	■■□□□	■■□□□
For a description of the wheel, refer to	page 442	page 445	page 448	page 448
For information about swivel and fixed castors, refer to	page 443–444	page 446–447	page 449–452	page 449–450

■■■■■ excellent ■■■■ very good ■■■ good ■■ satisfactory ■ adequate ✔ yes – no

10






POH	POHI	PHN	G
Highly heat-resistant nylon	Highly heat-resistant thermoplastic	Phenolic resin	Grey cast iron
85 Shore D	85 Shore D	90 Shore D	180–220 HB
✔	✔	–	–
highly heat-resistant nylon	highly heat-resistant thermoplastic	phenolic resin	grey cast iron
80–200 mm	80–200 mm	80–200 mm	80–250 mm
720 kg	600 kg	500 kg	1,400 kg
-25 to +170 °C temporarily up to +200 °C	-25 to +250 °C temporarily up to +300 °C	-35 to +260 °C temporarily up to +300 °C	-100 to +600 °C
✔ *	✔ *	–	–
■■■■■	■■■■■	■■■■■	■■■■■
■■□□□	■■□□□	■■□□□	■□□□□
■■■□□	■■□□□	■□□□□	■■■■■
page 453	page 458	page 463	page 468
page 454–457	page 459–462	page 464–467	page 469–470

* Plain bore and version with stainless steel ball bearing with heat-resistant grease "-HXK"

VEHI series

Heat-resistant wheels Blickle TempLine® Basic with solid rubber tyres, with pressed steel rim



65–180 kg

-25 °C to +200 °C

Tread and tyre hardness
80 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
satisfactory

Wear resistance
sufficient

Blickle TempLine®Basic

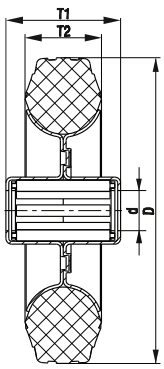
Tyre:
- highly heat-resistant solid rubber, hardness 80 Shore A
- very good operational comfort
- very good floor preservation, low-noise operation
- high tear resistance
- colour black

Rim:
- pressed steel
- zinc-plated, blue-passivated, Cr6-free

Other features:
- chemical resistance to many aggressive substances, except oils
- operating temperature: -25 °C to +200 °C
- majority of tyre flattening recovers when in motion under load

Additional details:
- wheel series: page 70
- tread: page 52
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VEHI 100/12R	100	30	65	roller bearing	12	45
VEHI 125/12R	125	37.5	90	roller bearing	12	45
VEHI 160/20R	160	40	120	roller bearing	20	60
VEHI 200/20R	200	50	180	roller bearing	20	60



LI-VEHI, B-VEHI series

Heat-resistant pressed steel castors with top plate, with heat-resistant Blickle TempLine® Basic wheel with solid rubber tyres

65–180 kg

-25 °C to +200 °C



Blickle TempLine®Basic

Bracket: LI/B series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease

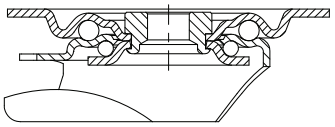
Wheel: VEHI series
- tyre: highly heat-resistant solid rubber, hardness 80 Shore A, colour black
- rim: pressed steel, zinc-plated, blue-passivated, Cr6-free

Additional details:
- bracket series: page 97
- brakes: page 112–113
- wheel series: page 442
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LI-VEHI 100R	**B-VEHI 100R**	**LI-VEHI 100R-FI**	100	30	65	roller bearing	125	100 x 85	80 x 60	9	36
LI-VEHI 125R	**B-VEHI 125R**	**LI-VEHI 125R-FI**	125	37.5	90	roller bearing	150	100 x 85	80 x 60	9	38
LI-VEHI 160R	**B-VEHI 160R**	**LI-VEHI 160R-FI**	160	40	120	roller bearing	195	140 x 110	105 x 75–80	11	60
LI-VEHI 200R	**B-VEHI 200R**	**LI-VEHI 200R-FI**	200	50	180	roller bearing	235	140 x 110	105 x 75–80	11	65

LIR-VEHI series

Heat-resistant pressed steel castors with bolt hole, with heat-resistant Blickle TempLine® Basic wheel with solid rubber tyres



65–90 kg

-25 °C to +200 °C

Bracket: LIR series
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- strong central kingpin
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease

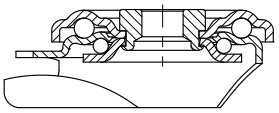
Wheel: VEHI series
- tyre: highly heat-resistant solid rubber, hardness 80 Shore A, colour black
- rim: pressed steel, zinc-plated, blue-passivated, Cr6-free

Additional details:
- bracket series: page 97
- brakes: page 112–113
- wheel series: page 442
- bearing types: page 84–85

Blickle TempLine®Basic







Swivel castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LIR-VEHI 100R	LIR-VEHI 100R-FI	100	30	65	roller bearing	125	70	13	36
LIR-VEHI 125R	LIR-VEHI 125R-FI	125	37.5	90	roller bearing	150	70	13	38

VKHT series

Heat-resistant Blickle TempLine® Special wheels with solid rubber tyres, with synthetic rim



100 kg

-30 °C to +260 °C

Tread and tyre hardness
85 Shore A

Smooth operation / floor preservation
good

Rolling resistance
satisfactory

Wear resistance
satisfactory

Blickle TempLine® Special

Tyre:
- highly heat-resistant solid rubber, hardness 85 Shore A
- high tear resistance
- colour black

Rim:
- highly heat-resistant nylon 6, impact resistant
- colour black

Other features:
- high chemical resistance to many aggressive substances, except oils
- operating temperature: -30 °C to +260 °C
- oven temperature temporarily up to +300 °C, wheel temperature must not exceed +260 °C
- tyre flattening recovers when in motion under load

Additional details:
- wheel series: page 71
- tread: page 52
- bearing types: page 84–85
- chemical resistance: page 51

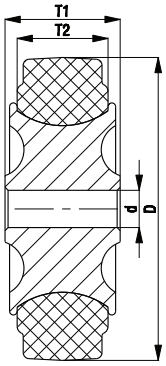
Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VKHT 100/12-38G	100	30	100	plain bore	12	38
VKHT 100/12-45G	100	30	100	plain bore	12	45

10

Versions / options



	PTFE coated stainless steel axle tube Ø 12/8x40 mm	PTFE coated stainless steel axle tube Ø 12/8x47 mm
Technical description page	117	117
Product code suffix	**XAT 12x40**	**XAT 12x47**
Available for	VKHT 100/12–38G	VKHT 100/12–45G



LI-VKHT series

Heat-resistant pressed steel castors with top plate, with heat-resistant Blickle TempLine® Special wheel with solid rubber tyres



100 kg

-30 °C to +260 °C

Bracket: LI series
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- strong central kingpin
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease

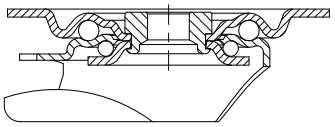
Wheel: VKHT series
- tyre: highly heat-resistant solid rubber, hardness 85 Shore A, colour black
- rim: highly heat-resistant nylon 6, impact resistant, colour black

Additional details:
- bracket series: page 97
- brakes: page 112–113
- wheel series: page 445
- bearing types: page 84–85

Blickle TempLine® Special







Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LI-VKHT 100G	**LI-VKHT 100G-FI**	100	30	100	plain bore	125	100 x 85	80 x 60	9	36

10

Versions / options





	with bolt hole, Ø 13 mm	with bolt hole, Ø 13 mm and "stop-fix" brake
Technical description page	97	112
Product code suffix	**LIR-VKHT 100G**	**LIR-VKHT 100G-FI**
Available for		

LIX-VKHT series

Heat-resistant stainless steel castors with top plate, with heat-resistant Blickle TempLine® Special wheel with solid rubber tyres



100 kg

-30 °C to +260 °C

Bracket: LIX series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- double ball bearing in the swivel head
- strong central kingpin
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- grease-free as standard ("-OF")
- PTFE coated stainless steel axle tube
- all parts including axle material are corrosion-resistant

Wheel: VKHT series
- tyre: highly heat-resistant solid rubber, hardness 85 Shore A, colour black
- rim: highly heat-resistant nylon 6, impact resistant, colour black

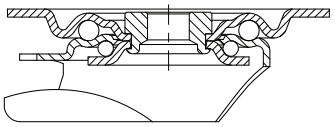
Additional details:
- bracket series: page 98
- brakes: page 112–113
- wheel series: page 445
- bearing types: page 84–85

INOX

Blickle TempLine® Special







Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LIX-VKHT 100G-OF	**LIX-VKHT 100G-FI-OF**	100	30	100	plain bore	125	100 x 85	80 x 60	9	36

10

Versions / options



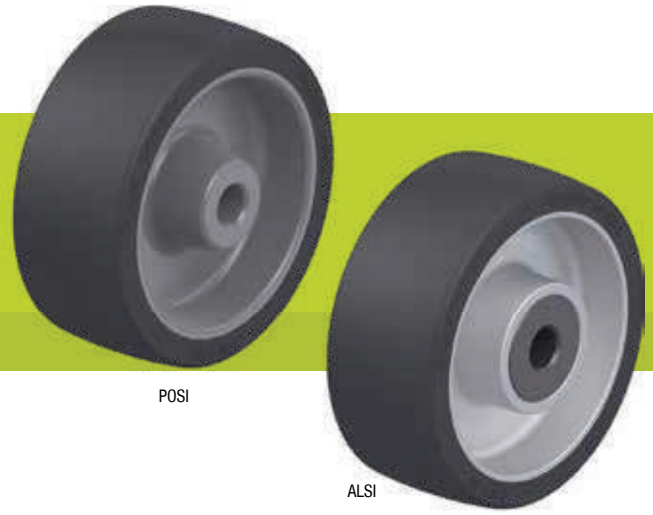




	with bolt hole, Ø 13 mm	with bolt hole, Ø 13 mm and "stop-fix" brake	with highly heat-resistant grease -30 °C to +250 °C
Technical description page	98	112	
Product code suffix	**LIXR-VKHT 100G-OF**	**LIXR-VKHT 100G-FI-OF**	**remove -OF suffix**
Available for			upon request

POSI, ALSI series

Heat-resistant Blickle TempLine® Comfort wheels with silicone rubber tread, with plastic or aluminium wheel centre



POSI

ALSI

80–120 kg

-25 °C to +250 °C

Tread and tyre hardness
75 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
good

Wear resistance
satisfactory

Blickle TempLine® Comfort

Tread:
- highly heat-resistant silicone rubber, hardness 75 Shore A
- highly elastic
- very good operational comfort
- very good floor preservation, low-noise operation
- ageing resistant
- colour black, **non-marking**
- vulcanised onto the wheel centre

Wheel centre:
- series POSI: highly heat-resistant thermoplastic, impact resistant, colour dark grey
- series ALSI: die-cast aluminium

Other features:
- very high chemical resistance to many aggressive substances
- operating temperature: -25 °C to +250 °C
- oven temperature temporarily up to +300 °C, wheel temperature must not exceed +250 °C
- POSI series: **suitable for autoclaves**

Additional details:
- wheel series: page 71
- tread: page 53
- bearing types: page 84–85
- chemical resistance: page 51

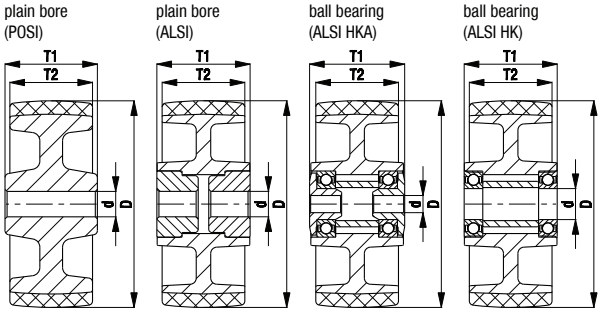
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
POSI series						
POSI 101/12G	100	35	80	plain bore	12	38
POSI 100/12G	100	40	100	plain bore	12	45
POSI 125/12G	125	40	120	plain bore	12	45
ALSI series						
ALSI 100/12G	100	40	100	plain bore	12	45
ALSI 100/8HKA	100	40	100	ball bearing	8	46
ALSI 100/15HK	100	40	100	ball bearing	15	45

Versions / options



	with non-marking grey tyre	PTFE coated stainless steel axle tube Ø 12/8x40 mm	PTFE coated stainless steel axle tube Ø 12/8x47 mm
Technical description page	52	117	117
Product code suffix	**-SG**	**XAT 12x40**	**XAT 12x47**
Available for	wheel Ø 125 mm*	POSI 101/12G	plain bore versions hub length 45 mm

* Operating temperature: up to +240 °C



LI-POSI, B-POSI, LI-ALSI, B-ALSI series

Heat-resistant pressed steel castors with top plate, wheel with silicone rubber Blickle TempLine® Comfort tread



100–120 kg

-25 °C to +250 °C

Bracket: LI/B series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease

Wheel: POSI, ALSI series
- tread: highly heat-resistant silicone rubber, hardness 75 Shore A, colour black, **non-marking**
- wheel centre:
  POSI series: highly heat-resistant thermoplastic, impact resistant, colour dark grey
  ALSI series: die-cast aluminium

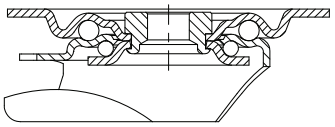
Additional details:
- bracket series: page 97
- brakes: page 112–113
- wheel series: page 448
- bearing types: page 84–85

Blickle TempLine® Comfort









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LI-POSI series											
LI-POSI 100G	**B-POSI 100G**	**LI-POSI 100G-FI**	100	40	100	plain bore	125	100 x 85	80 x 60	9	36
LI-POSI 125G	**B-POSI 125G**	**LI-POSI 125G-FI**	125	40	120	plain bore	150	100 x 85	80 x 60	9	38
LI-ALSI series											
LI-ALSI 100G	**B-ALSI 100G**	**LI-ALSI 100G-FI**	100	40	100	plain bore	125	100 x 85	80 x 60	9	36
LI-ALSI 100HKA	**B-ALSI 100HKA**	**LI-ALSI 100HKA-FI**	100	40	100	ball bearing	125	100 x 85	80 x 60	9	36

10

Versions / options







	image LI-ALSI	with non-marking grey tyre	with PTFE coated stainless steel axle tube
Technical description page		52	117
Product code suffix		**-SG**	**-XAT**
Available for		wheel Ø 125 mm*	plain bore versions upon request

* Operating temperature: up to +240 °C

LIR-POSI, LIR-ALSI series

Heat-resistant pressed steel castors with bolt hole, wheel with silicone rubber Blickle TempLine® Comfort tread

100–120 kg

-25 °C to +250 °C



Blickle TempLine® Comfort

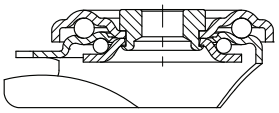
Bracket: LIR series
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- strong central kingpin
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease

Wheel: POSI, ALSI series
- tread: highly heat-resistant silicone rubber, hardness 75 Shore A, colour black, **non-marking**
- wheel centre:
  POSI series: highly heat-resistant thermoplastic, impact resistant, colour dark grey
  ALSI series: die-cast aluminium

Additional details:
- bracket series: page 97
- brakes: page 112–113
- wheel series: page 448
- bearing types: page 84–85







Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LIR-POSI series									
LIR-POSI 100G	**LIR-POSI 100G-FI**	100	40	100	plain bore	125	70	13	36
LIR-POSI 125G	**LIR-POSI 125G-FI**	125	40	120	plain bore	150	70	13	38
LIR-ALSI series									
LIR-ALSI 100G	**LIR-ALSI 100G-FI**	100	40	100	plain bore	125	70	13	36
LIR-ALSI 100HKA	**LIR-ALSI 100HKA-FI**	100	40	100	ball bearing	125	70	13	36

10

Versions / options







	image LIR-ALSI	with non-marking grey tyre	with PTFE coated stainless steel axle tube
Technical description page		52	117
Product code suffix		**-SG**	**-XAT**
Available for		wheel Ø 125 mm*	plain bore versions upon request

* Operating temperature: up to +240 °C

LIX-POSI, BX-POSI series

Heat-resistant stainless steel castors with top plate, wheel with silicone rubber Blickle TempLine® Comfort tread



100–120 kg

-25 °C to +250 °C

Bracket: LIX/BX series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- all parts including axle material are corrosion-resistant

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- grease-free as standard ("-OF")

Wheel: POSI series
- tread: highly heat-resistant silicone rubber, hardness 75 Shore A, colour black, **non-marking**
- wheel centre: highly heat-resistant thermoplastic, impact resistant, colour dark grey

suitable for autoclaves

Additional details:
- bracket series: page 98
- brakes: page 112–113
- wheel series: page 448
- bearing types: page 84–85

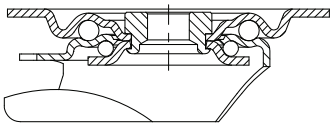
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Blickle TempLine® Comfort









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LIX-POSI 100G-OF	**BX-POSI 100G**	**LIX-POSI 100G-FI-OF**	100	40	100	plain bore	125	100 x 85	80 x 60	9	36
LIX-POSI 125G-OF	**BX-POSI 125G**	**LIX-POSI 125G-FI-OF**	125	40	120	plain bore	150	100 x 85	80 x 60	9	38

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Versions / options







	with non-marking grey tyre	with highly heat-resistant grease -30 °C to +250 °C	with PTFE coated stainless steel axle tube
Technical description page	52		117
Product code suffix	**-SG**	**remove -OF suffix**	**-XAT**
Available for	wheel Ø 125 mm*	swivel castors upon request	upon request

* Operating temperature: up to +240 °C

LIXR-POSI series

Heat-resistant stainless steel castors with bolt hole, wheel with silicone rubber Blickle TempLine® Comfort tread



100–120 kg

-25 °C to +250 °C

Bracket: LIXR series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- double ball bearing in the swivel head
- strong central kingpin
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- grease-free as standard ("-OF")
- all parts including axle material are corrosion-resistant

Wheel: POSI series
- tread: highly heat-resistant silicone rubber, hardness 75 Shore A, colour black, **non-marking**
- wheel centre: highly heat-resistant thermoplastic, impact resistant, colour dark grey

suitable for autoclaves

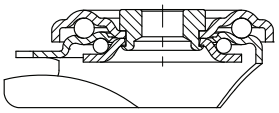
Additional details:
- bracket series: page 98
- brakes: page 112–113
- wheel series: page 448
- bearing types: page 84–85

INOX

Blickle TempLine® Comfort







Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LIXR-POSI 100G-OF	**LIXR-POSI 100G-FI-OF**	100	40	100	plain bore	125	70	13	36
LIXR-POSI 125G-OF	**LIXR-POSI 125G-FI-OF**	125	40	120	plain bore	150	70	13	38

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Versions / options







	with non-marking grey tyre	with highly heat-resistant grease -30 °C to +250 °C	with PTFE coated stainless steel axle tube
Technical description page	52		117
Product code suffix	**-SG**	**remove -OF suffix**	**-XAT**
Available for	wheel Ø 125 mm*	upon request	upon request

* Operating temperature: up to +240 °C

POH series

Heat-resistant
Blickle TempLine® PerformanceLight nylon wheels



215–720 kg

-25 °C to +170 °C

Tread and tyre hardness
85 Shore D

Smooth operation / floor preservation
satisfactory

Rolling resistance
excellent

Wear resistance
good

Blickle TempLine® PerformanceLight

Wheel:
- highly heat-resistant nylon, impact resistant, hardness 85 Shore D
- excellent rolling and swivel resistance
- easy operation on smooth surfaces
- high abrasion resistance
- colour natural
- **suitable for autoclaves** (plain bore and version with stainless steel ball bearing with heat-resistant grease "-HXK")

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -25 °C to +170 °C
- oven temperature temporarily up to +200 °C, wheel temperature must not exceed +170 °C

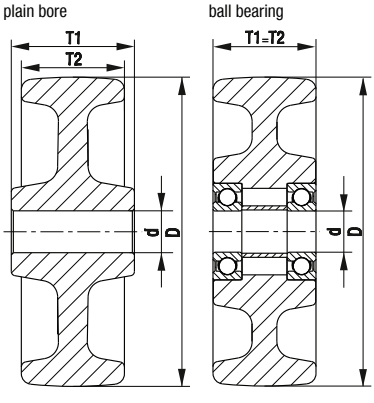
Additional details:
- wheel series: page 71
- tread: page 57
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity up to +70 °C [kg]	Load capacity at +170 °C [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
POH 81/12G	80	32	215	140	plain bore	12	35
POH 100/12-35G	100	30	240	160	plain bore	12	35
POH 100/12-45G	100	30	240	160	plain bore	12	45
POH 102/12G	100	38	300	200	plain bore	12	45
POH 102/15G	100	38	300	200	plain bore	15	45
POH 102/15HK	100	38	300	200	ball bearing	15	45
POH 125/12G	125	40	360	240	plain bore	12	45
POH 125/15G	125	40	360	240	plain bore	15	45
POH 125/15HK	125	40	420	280	ball bearing	15	45
POH 150/20G	150	50	600	400	plain bore	20	60
POH 150/20HK	150	50	600	400	ball bearing	20	50
POH 200/20G	200	50	720	480	plain bore	20	60
POH 200/20HK	200	50	720	480	ball bearing	20	50

Versions / options



	PTFE coated stainless steel axle tube Ø 12/8x37 mm	PTFE coated stainless steel axle tube Ø 12/8x47 mm	with stainless steel ball bearing with heat-resistant grease	with heavy-duty wheel centre for higher loads
Technical description page	117	117	84	
Product code suffix	**XAT 12x37**	**XAT 12x47**	**-HXK**	**SPOH series**
Available for	POH 81/12G POH 100/12-35G	POH 100/12-45G POH 102+125/12G	all ball bearing versions	upon request



LI-POH, B-POH, LIK-POH, BK-POH series

Heat-resistant pressed steel castors, top plate, with heat-resistant Blickle TempLine® PerformanceLight nylon wheel

150–350 kg

-25 °C to +170 °C



Blickle TempLine® PerformanceLight

Bracket: LI/B, LIK/BK series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (series LIK without central kingpin, with heat-resistant swivel head seal)
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease

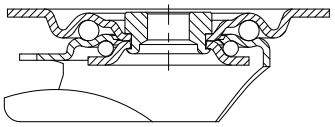
Wheel: POH series
- highly heat-resistant nylon, impact resistant, hardness 85 Shore D, colour natural

Additional details:
- bracket series: page 97–98
- brakes: page 112–113
- wheel series: page 453
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity up to +70 °C [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LI-POH 81G	**B-POH 81G**	**LI-POH 81G-FI**	80	32	150	plain bore	102	100 x 85	80 x 60	9	38
LI-POH 100G	**B-POH 100G**	**LI-POH 100G-FI**	100	30	150	plain bore	125	100 x 85	80 x 60	9	36
LIK-POH 102G-1	**BK-POH 102G-1**	**LIK-POH 102G-1-FI**	100	38	300	plain bore	130	100 x 85	80 x 60	9	45
LIK-POH 102HK-1	**BK-POH 102HK-1**	**LIK-POH 102HK-1-FI**	100	38	300	ball bearing	130	100 x 85	80 x 60	9	45
LI-POH 125G	**B-POH 125G**	**LI-POH 125G-FI**	125	40	150	plain bore	150	100 x 85	80 x 60	9	38
LIK-POH 125G-1	**BK-POH 125G-1**	**LIK-POH 125G-1-FI**	125	40	350	plain bore	155	100 x 85	80 x 60	9	48
LIK-POH 125HK-1	**BK-POH 125HK-1**	**LIK-POH 125HK-1-FI**	125	40	350	ball bearing	155	100 x 85	80 x 60	9	48
LI-POH 150G	**B-POH 150G**	**LI-POH 150G-FI**	150	50	350	plain bore	190	140 x 110	105 x 75–80	11	60
LI-POH 150HK	**B-POH 150HK**	**LI-POH 150HK-FI**	150	50	350	ball bearing	190	140 x 110	105 x 75–80	11	60
LI-POH 200G	**B-POH 200G**	**LI-POH 200G-FI**	200	50	350	plain bore	235	140 x 110	105 x 75–80	11	65
LI-POH 200HK	**B-POH 200HK**	**LI-POH 200HK-FI**	200	50	350	ball bearing	235	140 x 110	105 x 75–80	11	65

Load capacity may be reduced in temperatures over +70 °C, see page 453.



Versions / options

	with PTFE coated stainless steel axle tube
Technical description page	117
Product code suffix	**-XAT**
Available for	Ø 80–125 mm plain bore versions upon request

LIR-POH series

Heat-resistant pressed steel castors, with bolt hole, with heat-resistant Blickle TempLine® PerformanceLight nylon wheel

150 kg

-25 °C to +170 °C



Blickle TempLine® PerformanceLight

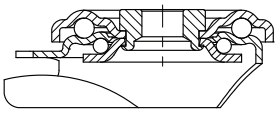
Bracket: LIR series
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- strong central kingpin
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease

Wheel: POH series
- highly heat-resistant nylon, impact resistant, hardness 85 Shore D, colour natural

Additional details:
- bracket series: page 97
- brakes: page 112–113
- wheel series: page 453
- bearing types: page 84–85







Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity up to +70 °C [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LIR-POH 81G	**LIR-POH 81G-FI**	80	32	150	plain bore	102	70	13	38
LIR-POH 100G	**LIR-POH 100G-FI**	100	30	150	plain bore	125	70	13	36
LIR-POH 102G	**LIR-POH 102G-FI**	100	38	150	plain bore	125	70	13	36
LIR-POH 102HK	**LIR-POH 102HK-FI**	100	38	150	ball bearing	125	70	13	36
LIR-POH 125G	**LIR-POH 125G-FI**	125	40	150	plain bore	150	70	13	38
LIR-POH 125HK	**LIR-POH 125HK-FI**	125	40	150	ball bearing	150	70	13	38

Load capacity may be reduced in temperatures over +70 °C, see page 453.

10

Versions / options



	with PTFE coated stainless steel axle tube
Technical description page	117
Product code suffix	**-XAT**
Available for	plain bore versions upon request

LIX-POH, BX-POH, LIKX-POH, BKX-POH series

Heat-resistant stainless steel castor, top plate, with heat-resistant Blickle TempLine® PerformanceLight nylon wheel



150–350 kg

-25 °C to +170 °C

Bracket: LIX/BX, LIKX/BKX series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- all parts including axle material are corrosion-resistant

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (series LIKX without central kingpin, with heat-resistant swivel head seal)
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease

Wheel: POH series
- highly heat-resistant nylon, impact resistant, hardness 85 Shore D, colour natural

suitable for autoclaves

Additional details:
- bracket series: page 98
- brakes: page 112–113
- wheel series: page 453
- bearing types: page 84–85

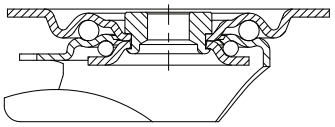
INOX

Blickle TempLine® PerformanceLight









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity up to +70 °C [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LIX-POH 81G	**BX-POH 81G**	**LIX-POH 81G-FI**	80	32	150	plain bore	102	100 x 85	80 x 60	9	38
LIX-POH 100G	**BX-POH 100G**	**LIX-POH 100G-FI**	100	30	150	plain bore	125	100 x 85	80 x 60	9	36
LIKX-POH 102G-1	**BKX-POH 102G-1**	**LIKX-POH 102G-1-FI**	100	38	300	plain bore	130	100 x 85	80 x 60	9	45
LIKX-POH 102HXK-1	**BKX-POH 102HXK-1**	**LIKX-POH 102HXK-1-FI**	100	38	300	ball bearing	130	100 x 85	80 x 60	9	45
LIX-POH 125G	**BX-POH 125G**	**LIX-POH 125G-FI**	125	40	150	plain bore	155	100 x 85	80 x 60	9	38
LIKX-POH 125G-1	**BKX-POH 125G-1**	**LIKX-POH 125G-1-FI**	125	40	300	plain bore	155	100 x 85	80 x 60	9	48
LIKX-POH 125HXK-1	**BKX-POH 125HXK-1**	**LIKX-POH 125HXK-1-FI**	125	40	300	ball bearing	155	100 x 85	80 x 60	9	48
LIX-POH 150G	**BX-POH 150G**	**LIX-POH 150G-FI**	150	50	350	plain bore	190	140 x 110	105 x 75–80	11	60
LIX-POH 150HXK	**BX-POH 150HXK**	**LIX-POH 150HXK-FI**	150	50	350	ball bearing	190	140 x 110	105 x 75–80	11	60
LIX-POH 200G	**BX-POH 200G**	**LIX-POH 200G-FI**	200	50	350	plain bore	235	140 x 110	105 x 75–80	11	65
LIX-POH 200HXK	**BX-POH 200HXK**	**LIX-POH 200HXK-FI**	200	50	350	ball bearing	235	140 x 110	105 x 75–80	11	65

Load capacity may be reduced in temperatures over +70 °C, see page 453.

10

Versions / options





	grease-free swivel head, extremely smooth	with PTFE coated stainless steel axle tube
Technical description page		117
Product code suffix	**-OF**	**-XAT**
Available for	series LIX wheel Ø 100 mm	Ø 80–125 mm plain bore versions upon request

LIXR-POH series

Heat-resistant stainless steel castors, with bolt hole, with heat-resistant Blickle TempLine® PerformanceLight nylon wheel



150 kg

-25 °C to +170 °C

Bracket: LIXR series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- double ball bearing in the swivel head
- strong central kingpin
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease
- all parts including axle material are corrosion-resistant

Wheel: POH series
- highly heat-resistant nylon, impact resistant, hardness 85 Shore D, colour natural

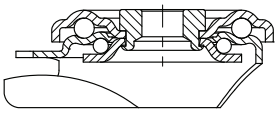
suitable for autoclaves

Additional details:
- bracket series: page 98
- brakes: page 112–113
- wheel series: page 453
- bearing types: page 84–85

INOX

Blickle TempLine® PerformanceLight





Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity up to +70 °C [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LIXR-POH 81G	**LIXR-POH 81G-FI**	80	32	150	plain bore	102	70	13	38
LIXR-POH 100G	**LIXR-POH 100G-FI**	100	30	150	plain bore	125	70	13	36
LIXR-POH 102G	**LIXR-POH 102G-FI**	100	38	150	plain bore	125	70	13	36
LIXR-POH 102HXK	**LIXR-POH 102HXK-FI**	100	38	150	ball bearing	125	70	13	36
LIXR-POH 125G	**LIXR-POH 125G-FI**	125	40	150	plain bore	150	70	13	38
LIXR-POH 125HXK	**LIXR-POH 125HXK-FI**	125	40	150	ball bearing	150	70	13	38

Load capacity may be reduced in temperatures over +70 °C, see page 453.

10

Versions / options



	grease-free swivel head, extremely smooth	with PTFE coated stainless steel axle tube
Technical description page		117
Product code suffix	**-OF**	**-XAT**
Available for	wheel Ø 100 mm	plain bore versions upon request

POHI series

Heat-resistant, thermoplastic Blickle TempLine® Performance wheels



180–600 kg

-25 °C to +250 °C

Tread and tyre hardness
85 Shore D

Smooth operation / floor preservation
satisfactory

Rolling resistance
excellent

Wear resistance
satisfactory

Blickle TempLine® Performance

Wheel:
- highly heat-resistant thermoplastic, impact resistant, hardness 85 Shore D
- excellent rolling and swivel resistance
- easy operation on smooth surfaces
- high abrasion resistance
- colour dark grey
- **suitable for autoclaves** (plain bore and version with stainless steel ball bearing with heat-resistant grease "-HXK")

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -25 °C to +250 °C
- oven temperature temporarily up to +300 °C, wheel temperature must not exceed +250 °C

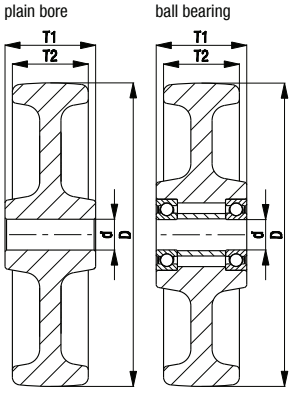
Additional details:
- wheel series: page 72
- tread: page 57
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity up to +70 °C [kg]	Load capacity at +170 °C [kg]	Load capacity at +250 °C [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
POHI 81/12G	80	32	180	140	100	plain bore	12	35
POHI 100/12-35G	100	30	200	160	120	plain bore	12	35
POHI 100/12-45G	100	30	200	160	120	plain bore	12	45
POHI 102/12G	100	38	250	200	150	plain bore	12	45
POHI 102/15G	100	38	250	200	150	plain bore	15	45
POHI 102/15HK	100	38	250	200	150	ball bearing	15	40
POHI 125/12G	125	40	300	240	180	plain bore	12	45
POHI 125/15G	125	40	300	240	180	plain bore	15	45
POHI 125/15HK	125	40	350	280	210	ball bearing	15	40
POHI 150/20G	150	50	500	400	250	plain bore	20	60
POHI 150/20HK	150	50	500	400	250	ball bearing	20	50
POHI 200/20G	200	50	600	480	360	plain bore	20	60
POHI 200/20HK	200	50	600	480	360	ball bearing	20	50

Versions / options



	PTFE coated stainless steel axle tube Ø 12/8x37 mm	PTFE coated stainless steel axle tube Ø 12/8x47 mm	with stainless steel ball bearing with heat-resistant grease
Technical description page	117	117	84
Product code suffix	**XAT 12x37**	**XAT 12x47**	**-HXK**
Available for	POHI 81/12G POHI 100/12-35G	POHI 100/12–45G POHI 102+125/12G	ball bearing versions



LI-POHI, B-POHI, LIK-POHI, BK-POHI series

Heat-resistant pressed steel castors, top plate, with heat-resistant Blickle TempLine® Performance thermoplastic wheel



150–350 kg

-25 °C to +250 °C

Bracket: LI/B, LIK/BK series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head (series LIK without central kingpin, with heat-resistant swivel head seal)
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease

Wheel: POHI series
- highly heat-resistant thermoplastic, impact resistant, hardness 85 Shore D, colour dark grey
- operating temperature: -25 °C to +250 °C

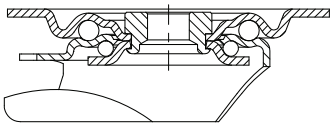
Additional details:
- bracket series: page 97–98
- brakes: page 112–113
- wheel series: page 458
- bearing types: page 84–85

Blickle TempLine® Performance









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity up to +70 °C [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LI-POHI 81G	**B-POHI 81G**	**LI-POHI 81G-FI**	80	32	150	plain bore	102	100 x 85	80 x 60	9	38
LI-POHI 100G	**B-POHI 100G**	**LI-POHI 100G-FI**	100	30	150	plain bore	125	100 x 85	80 x 60	9	36
LIK-POHI 102G-1	**BK-POHI 102G-1**	**LIK-POHI 102G-1-FI**	100	38	250	plain bore	130	100 x 85	80 x 60	9	45
LIK-POHI 102HK-1	**BK-POHI 102HK-1**	**LIK-POHI 102HK-1-FI**	100	38	250	ball bearing	130	100 x 85	80 x 60	9	45
LI-POHI 125G	**B-POHI 125G**	**LI-POHI 125G-FI**	125	40	150	plain bore	150	100 x 85	80 x 60	9	38
LIK-POHI 125G-1	**BK-POHI 125G-1**	**LIK-POHI 125G-1-FI**	125	40	300	plain bore	155	100 x 85	80 x 60	9	48
LIK-POHI 125HK-1	**BK-POHI 125HK-1**	**LIK-POHI 125HK-1-FI**	125	40	350	ball bearing	155	100 x 85	80 x 60	9	48
LI-POHI 150G	**B-POHI 150G**	**LI-POHI 150G-FI**	150	50	350	plain bore	190	140 x 110	105 x 75–80	11	60
LI-POHI 150HK	**B-POHI 150HK**	**LI-POHI 150HK-FI**	150	50	350	ball bearing	190	140 x 110	105 x 75–80	11	60
LI-POHI 200G	**B-POHI 200G**	**LI-POHI 200G-FI**	200	50	350	plain bore	235	140 x 110	105 x 75–80	11	65
LI-POHI 200HK	**B-POHI 200HK**	**LI-POHI 200HK-FI**	200	50	350	ball bearing	235	140 x 110	105 x 75–80	11	65

Load capacity may be reduced in temperatures over +70 °C, see page 458.

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Versions / options



	with PTFE coated stainless steel axle tube
Technical description page	117
Product code suffix	**-XAT**
Available for	Ø 80–125 mm plain bore versions upon request

LIR-POHI series

Heat-resistant pressed steel castors with bolt hole, with heat-resistant Blickle TempLine® Performance thermoplastic wheel

150 kg

-25 °C to +250 °C



Blickle TempLine® Performance

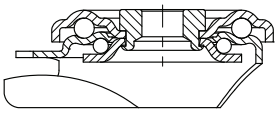
Bracket: LIR series
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- strong central kingpin
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease

Wheel: POHI series
- highly heat-resistant thermoplastic, impact resistant, hardness 85 Shore D, colour dark grey
- operating temperature: -25 °C to +250 °C

Additional details:
- bracket series: page 97
- brakes: page 112–113
- wheel series: page 458
- bearing types: page 84–85







Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity up to +70 °C [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LIR-POHI 81G	**LIR-POHI 81G-FI**	80	32	150	plain bore	102	70	13	38
LIR-POHI 100G	**LIR-POHI 100G-FI**	100	30	150	plain bore	125	70	13	36
LIR-POHI 102G	**LIR-POHI 102G-FI**	100	38	150	plain bore	125	70	13	36
LIR-POHI 102HK	**LIR-POHI 102HK-FI**	100	38	150	ball bearing	125	70	13	36
LIR-POHI 125G	**LIR-POHI 125G-FI**	125	40	150	plain bore	150	70	13	38
LIR-POHI 125HK	**LIR-POHI 125HK-FI**	125	40	150	ball bearing	150	70	13	38

Load capacity may be reduced in temperatures over +70 °C, see page 458.

10

Versions / options



	with PTFE coated stainless steel axle tube
Technical description page	117
Product code suffix	**-XAT**
Available for	plain bore versions upon request

LIX-POHI, BX-POHI, LIKX-POHI, BKX-POHI series

Heat-resistant stainless steel castors, top plate, with heat-resistant Blickle TempLine® Performance thermoplastic wheel



150–350 kg

-25 °C to +250 °C

Bracket: LIX/BX, LIKX/BKX series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- all parts including axle material are corrosion-resistant

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (series LIXK without central kingpin, with heat-resistant swivel head seal)
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease

Wheel: POHI series
- highly heat-resistant thermoplastic, impact resistant, hardness 85 Shore D, colour dark grey
- operating temperature: -25 °C to +250 °C

suitable for autoclaves

Additional details:
- bracket series: page 98–99
- brakes: page 112–113
- wheel series: page 458
- bearing types: page 84–85

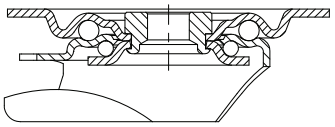
INOX

Blickle TempLine® Performance









Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity up to +70 °C [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LIX-POHI 81G	**BX-POHI 81G**	**LIX-POHI 81G-FI**	80	32	150	plain bore	102	100 x 85	80 x 60	9	38
LIX-POHI 100G	**BX-POHI 100G**	**LIX-POHI 100G-FI**	100	30	150	plain bore	125	100 x 85	80 x 60	9	36
LIKX-POHI 102G-1	**BKX-POHI 102G-1**	**LIKX-POHI 102G-1-FI**	100	38	250	plain bore	130	100 x 85	80 x 60	9	45
LIKX-POHI 102HXK-1	**BKX-POHI 102HXK-1**	**LIKX-POHI 102HXK-1-FI**	100	38	250	ball bearing	130	100 x 85	80 x 60	9	45
LIX-POHI 125G	**BX-POHI 125G**	**LIX-POHI 125G-FI**	125	40	150	plain bore	150	100 x 85	80 x 60	9	38
LIKX-POHI 125G-1	**BKX-POHI 125G-1**	**LIKX-POHI 125G-1-FI**	125	40	300	plain bore	155	100 x 85	80 x 60	9	48
LIKX-POHI 125HXK-1	**BKX-POHI 125HXK-1**	**LIKX-POHI 125HXK-1-FI**	125	40	300	ball bearing	155	100 x 85	80 x 60	9	48
LIX-POHI 150G	**BX-POHI 150G**	**LIX-POHI 150G-FI**	150	50	350	plain bore	190	140 x 110	105 x 75–80	11	60
LIX-POHI 150HXK	**BX-POHI 150HXK**	**LIX-POHI 150HXK-FI**	150	50	350	ball bearing	190	140 x 110	105 x 75–80	11	60
LIX-POHI 200G	**BX-POHI 200G**	**LIX-POHI 200G-FI**	200	50	350	plain bore	235	140 x 110	105 x 75–80	11	65
LIX-POHI 200HXK	**BX-POHI 200HXK**	**LIX-POHI 200HXK-FI**	200	50	350	ball bearing	235	140 x 110	105 x 75–80	11	65

Load capacity may be reduced in temperatures over +70 °C, see page 458.

10

Versions / options





	grease-free swivel head, extremely smooth	with PTFE coated stainless steel axle tube
Technical description page		117
Product code suffix	**-OF**	**-XAT**
Available for	series LIX wheel Ø 100 mm	Ø 80–125 mm plain bore versions upon request

LIXR-POHI series

Heat-resistant stainless steel castors with bolt hole, with heat-resistant Blickle TempLine® Performance thermoset wheel



150 kg

-25 °C to +250 °C

Bracket: LIXR series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- double ball bearing in the swivel head
- strong central kingpin
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease
- all parts including axle material are corrosion-resistant

Wheel: POHI series
- highly heat-resistant thermoplastic, impact resistant, hardness 85 Shore D, colour dark grey
- operating temperature: -25 °C to +250 °C

suitable for autoclaves

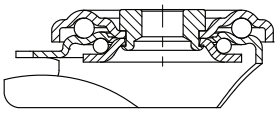
Additional details:
- bracket series: page 98
- brakes: page 112–113
- wheel series: page 458
- bearing types: page 84–85

INOX

Blickle TempLine® Performance







Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity up to +70 °C [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LIXR-POHI 81G	**LIXR-POHI 81G-FI**	80	32	150	plain bore	102	70	13	38
LIXR-POHI 100G	**LIXR-POHI 100G-FI**	100	30	150	plain bore	125	70	13	36
LIXR-POHI 102G	**LIXR-POHI 102G-FI**	100	38	150	plain bore	125	70	13	36
LIXR-POHI 102HXK	**LIXR-POHI 102HXK-FI**	100	38	150	ball bearing	125	70	13	36
LIXR-POHI 125G	**LIXR-POHI 125G-FI**	125	40	150	plain bore	150	70	13	38
LIXR-POHI 125HXK	**LIXR-POHI 125HXK-FI**	125	40	150	ball bearing	150	70	13	38

Load capacity may be reduced in temperatures over +70 °C, see page 458.

10

Versions / options





	grease-free swivel head, extremely smooth	with PTFE coated stainless steel axle tube
Technical description page		117
Product code suffix	**-OF**	**-XAT**
Available for	wheel Ø 100 mm	plain bore versions upon request

PHN series

Heat-resistant duroplast wheels
Blickle TempLine® Classic



100–500 kg

-35 °C to +260 °C

Tread and tyre hardness
90 Shore D

Smooth operation / floor preservation
satisfactory

Rolling resistance
excellent

Wear resistance
sufficient

Blickle TempLine® Classic

Wheel:
- phenolic resin, hardness 90 Shore D
- very high static load capacity
- easy operation on smooth surfaces
- colour black

Other features:
- high chemical resistance to many aggressive substances
- operating temperature:
  plain bore version: -35 °C to +260 °C,
  temporarily up to +300 °C
  ball bearing version: ("HK"): -25 °C to +250 °C
  ball bearing version: ("IK"): -30 °C to +260 °C
- wheels are only conditionally suitable for uneven floors and crossing thresholds

Additional details:
- wheel series: page 72
- tread: page 58
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
PHN 81/12G	80	32	100	plain bore	12	35
PHN 80/12G	80	35	110	plain bore	12	40
PHN 100/12-35G	100	30	125	plain bore	12	35
PHN 100/12-45G	100	30	125	plain bore	12	45
PHN 102/12G	100	38	200	plain bore	12	45
PHN 102/15G	100	38	200	plain bore	15	45
PHN 102/15HK	100	38	200	ball bearing	15	40
PHN 102/15IK	100	38	200	ball bearing	15	40
PHN 125/12G	125	40	200	plain bore	12	45
PHN 125/15G	125	40	200	plain bore	15	45
PHN 125/15HK	125	40	200	ball bearing	15	40
PHN 125/15IK	125	40	200	ball bearing	15	40
PHN 150/20G	150	50	300	plain bore	20	60
PHN 150/20HK	150	50	300	ball bearing	20	50
PHN 150/20IK	150	50	300	ball bearing	20	50
PHN 200/20G *	200	50	500	plain bore	20	60

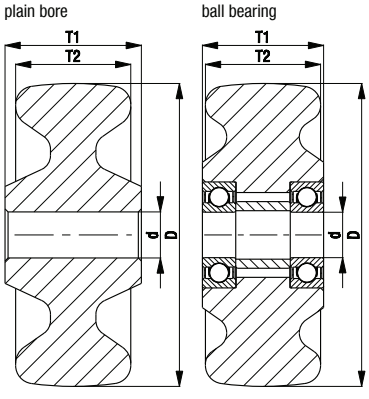
* Operating temperature from -30 °C to +230 °C

10

Versions / options



	PTFE coated stainless steel axle tube Ø 12/8x37 mm	PTFE coated stainless steel axle tube Ø 12/8x47 mm
Technical description page	117	117
Product code suffix	**XAT 12x37**	**XAT 12x47**
Available for	PHN 81/12G PHN 100/12–35G	PHN 100/12–45G PHN 102+125/12G



LI-PHN, B-PHN series

Heat-resistant pressed steel castors with top plate, with heat-resistant Blickle TempLine® Classic thermoset wheel



100–350 kg

-35 °C to +260 °C

Bracket: LI/B series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

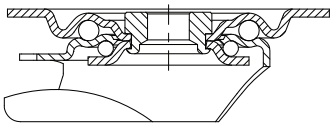
Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease
- plain bore versions with PTFE coated stainless steel axle tube (wheel Ø 80–125 mm)

Wheel: PHN series
- phenolic resin, hardness 90 Shore D, colour black
- operating temperature:
  plain bore version: -35 °C to +260 °C, temporarily up to +300 °C
  ball bearing version: ("HK"): -25 °C to +250 °C
  ball bearing version: ("IK"): -30 °C to +260 °C

Additional details:
- bracket series: page 97
- wheel series: page 463
- bearing types: page 84–85

Blickle TempLine® Classic





Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LI-PHN 81G	**B-PHN 81G**	80	32	100	plain bore	102	100 x 85	80 x 60	9	38
LI-PHN 100G	**B-PHN 100G**	100	30	125	plain bore	125	100 x 85	80 x 60	9	36
LI-PHN 102G	**B-PHN 102G**	100	38	150	plain bore	125	100 x 85	80 x 60	9	36
LI-PHN 102HK	**B-PHN 102HK**	100	38	150	ball bearing	125	100 x 85	80 x 60	9	36
LI-PHN 102IK	**B-PHN 102IK**	100	38	150	ball bearing	125	100 x 85	80 x 60	9	36
LI-PHN 125G	**B-PHN 125G**	125	40	150	plain bore	150	100 x 85	80 x 60	9	38
LI-PHN 125HK	**B-PHN 125HK**	125	40	150	ball bearing	150	100 x 85	80 x 60	9	38
LI-PHN 125IK	**B-PHN 125IK**	125	40	150	ball bearing	150	100 x 85	80 x 60	9	38
LI-PHN 150G	**B-PHN 150G**	150	50	300	plain bore	190	140 x 110	105 x 75–80	11	60
LI-PHN 150HK	**B-PHN 150HK**	150	50	300	ball bearing	190	140 x 110	105 x 75–80	11	60
LI-PHN 150IK	**B-PHN 150IK**	150	50	300	ball bearing	190	140 x 110	105 x 75–80	11	60
LI-PHN 200G *	**B-PHN 200G ***	200	50	350	plain bore	235	140 x 110	105 x 75–80	11	65

* Operating temperature from -30 °C to +230 °C

LIR-PHN series

Heat-resistant pressed steel castors with bolt hole, with heat-resistant Blickle TempLine® Classic thermoset wheel

100–150 kg

-35 °C to +260 °C



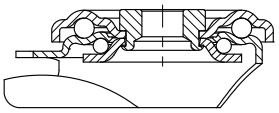
Blickle TempLine® Classic

Bracket: LIR series
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- strong central kingpin
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease
- plain bore versions with PTFE coated stainless steel axle tube

Wheel: PHN series
- phenolic resin, hardness 90 Shore D, colour black
- operating temperature:
  plain bore version: -35 °C to +260 °C, temporarily up to +300 °C
  ball bearing version: ("HK"): -25 °C to +250 °C
  ball bearing version: ("IK"): -30 °C to +260 °C

Additional details:
- bracket series: page 97
- wheel series: page 463
- bearing types: page 84–85





Swivel castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LIR-PHN 81G	80	32	100	plain bore	102	70	13	38
LIR-PHN 100G	100	30	125	plain bore	125	70	13	36
LIR-PHN 102G	100	38	150	plain bore	125	70	13	36
LIR-PHN 102HK	100	38	150	ball bearing	125	70	13	36
LIR-PHN 102IK	100	38	150	ball bearing	125	70	13	36
LIR-PHN 125G	125	40	150	plain bore	150	70	13	38
LIR-PHN 125HK	125	40	150	ball bearing	150	70	13	38
LIR-PHN 125IK	125	40	150	ball bearing	150	70	13	38

LIX-PHN, BX-PHN series

Heat-resistant stainless steel castors with top plate, with heat-resistant Blickle TempLine® Classic thermoset wheel

100–350 kg

-35 °C to +260 °C



Bracket: LIX/BX series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- all parts including axle material are corrosion-resistant

Swivel bracket:
- double ball bearing in the swivel head
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease
- PTFE coated stainless steel axle tube (wheel Ø 80–125 mm)

Wheel: PHN series
- phenolic resin, hardness 90 Shore D, colour black
- Operating temperature from -35 °C to +260 °C, temporarily up to +300 °C

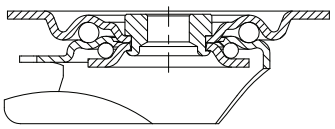
Additional details:
- bracket series: page 98
- wheel series: page 463
- bearing types: page 84–85

INOX

Blickle TempLine® Classic







Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LIX-PHN 81G	**BX-PHN 81G**	80	32	100	plain bore	102	100 x 85	80 x 60	9	38
LIX-PHN 100G	**BX-PHN 100G**	100	30	125	plain bore	125	100 x 85	80 x 60	9	36
LIX-PHN 102G	**BX-PHN 102G**	100	38	150	plain bore	125	100 x 85	80 x 60	9	36
LIX-PHN 125G	**BX-PHN 125G**	125	40	150	plain bore	150	100 x 85	80 x 60	9	38
LIX-PHN 150G	**BX-PHN 150G**	150	50	300	plain bore	190	140 x 110	105 x 75–80	11	60
LIX-PHN 200G *	**BX-PHN 200G ***	200	50	350	plain bore	235	140 x 110	105 x 75–80	11	65

* Operating temperature from -30 °C to +230 °C

10



Versions / options

	grease-free swivel head, extremely smooth
Technical description page	
Product code suffix	**-OF**
Available for	wheel Ø 100 mm

LIXR-PHN series

Heat-resistant stainless steel castors with bolt hole, with heat-resistant Blickle TempLine® Classic thermoset wheel



100–150 kg

-35 °C to +260 °C

Bracket: LIXR series
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- double ball bearing in the swivel head
- strong central kingpin
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease
- PTFE coated stainless steel axle tube
- all parts including axle material are corrosion-resistant

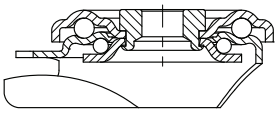
Wheel: PHN series
- phenolic resin, hardness 90 Shore D, colour black
- Operating temperature from -35 °C to +260 °C, temporarily up to +300 °C

Additional details:
- bracket series: page 98
- wheel series: page 463
- bearing types: page 84–85

INOX

Blickle TempLine® Classic





Swivel castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LIXR-PHN 81G	80	32	100	plain bore	102	70	13	38
LIXR-PHN 100G	100	30	125	plain bore	125	70	13	36
LIXR-PHN 102G	100	38	150	plain bore	125	70	13	36
LIXR-PHN 125G	125	40	150	plain bore	150	70	13	38

10

Versions / options



	grease-free swivel head, extremely smooth
Technical description page	
Product code suffix	**-OF**
Available for	wheel Ø 100 mm

G series

Cast iron wheels



250–1,400 kg

-100 °C to +600 °C

Tread and tyre hardness
180–220 HB

Smooth operation / floor preservation
sufficient

Rolling resistance
excellent

Wear resistance
excellent

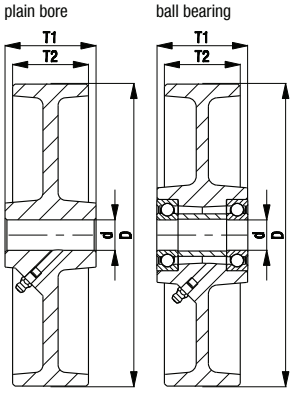
Wheel:
- rugged grey cast iron, hardness 180–220 HB
- with grease nipple
- extremely low rolling and swivel resistance
- outstanding wear resistance
- machined tread and edges
- lacquered, colour silver

Other features:
- chemical resistance to many aggressive substances
- operating temperature:
  plain bore version: -100 °C to +600 °C
  ball bearing version: -30 °C to +300 °C
- consider the surface pressure on sensitive floors due to high point loads
- provide adequate lubrication on a regular basis for plain bore version
- to be lubricated according to the application temperature

Additional details:

- wheel series: page 70
- tread: page 59
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity up to +70 °C [kg]	Load capacity at +300 °C [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
G 80/12G	80	25	250	200	plain bore	12	35
G 80/15G	80	25	250	200	plain bore	15	35
G 100/15G	100	35	400	320	plain bore	15	45
G 100/15IK	100	35	400	320	ball bearing	15	40
G 125/15G	125	35	450	360	plain bore	15	45
G 125/15IK	125	35	450	360	ball bearing	15	45
G 127/20G	125	50	750	600	plain bore	20	60
G 127/20IK	125	50	750	370	ball bearing	20	60
G 150/20G	150	50	900	720	plain bore	20	60
G 150/20IK	150	50	900	450	ball bearing	20	60
G 200/20G	200	50	1,100	880	plain bore	20	60
G 200/20IK	200	50	1,100	500	ball bearing	20	60
G 250/25G	250	60	1,400	1,100	plain bore	25	65
G 250/25IK	250	60	1,300	650	ball bearing	25	70



LI-G, BI-G, LIK-G, BIK-G series

Heat-resistant pressed steel castors with top plate, with cast iron wheel



150–350 kg

-30 °C to +270 °C

Bracket: LI/BI, LIK/BIK series
- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:
- double ball bearing in the swivel head
- strong central kingpin (series LIK without central kingpin, with heat-resistant swivel head seal)
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease

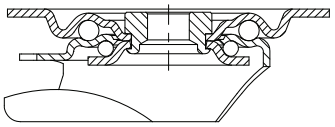
Wheel: G series
- rugged grey cast iron, hardness 180–220 HB, grease nipple, lacquered, colour silver

Additional details:
- bracket series: page 97–98
- brakes: page 112–113
- wheel series: page 468
- bearing types: page 84–85









Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity up to +70 °C [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LI-G 80G	**BI-G 80G**	**LI-G 80G-FI**	80	25	150	plain bore	102	100 x 85	80 x 60	9	38
LI-G 100G	**BI-G 100G**	**LI-G 100G-FI**	100	35	150	plain bore	125	100 x 85	80 x 60	9	36
LIK-G 100G-1	**BIK-G 100G-1**	**LIK-G 100G-1-FI**	100	35	350	plain bore	130	100 x 85	80 x 60	9	45
LI-G 100IK	**BI-G 100IK**	**LI-G 100IK-FI**	100	35	150	ball bearing	125	100 x 85	80 x 60	9	36
LIK-G 100IK-1	**BIK-G 100IK-1**	**LIK-G 100IK-1-FI**	100	35	350	ball bearing	130	100 x 85	80 x 60	9	45
LI-G 125G	**BI-G 125G**	**LI-G 125G-FI**	125	35	150	plain bore	150	100 x 85	80 x 60	9	38
LIK-G 125G-1	**BIK-G 125G-1**	**LIK-G 125G-1-FI**	125	35	350	plain bore	155	100 x 85	80 x 60	9	48
LI-G 125IK	**BI-G 125IK**	**LI-G 125IK-FI**	125	35	150	ball bearing	150	100 x 85	80 x 60	9	38
LIK-G 125IK-1	**BIK-G 125IK-1**	**LIK-G 125IK-1-FI**	125	35	350	ball bearing	155	100 x 85	80 x 60	9	48
LI-G 150G	**BI-G 150G**	**LI-G 150G-FI**	150	50	350	plain bore	190	140 x 110	105 x 75–80	11	60
LI-G 150IK	**BI-G 150IK**	**LI-G 150IK-FI**	150	50	350	ball bearing	190	140 x 110	105 x 75–80	11	60
LI-G 200G	**BI-G 200G**	**LI-G 200G-FI**	200	50	350	plain bore	235	140 x 110	105 x 75–80	11	65
LI-G 200IK	**BI-G 200IK**	**LI-G 200IK-FI**	200	50	350	ball bearing	235	140 x 110	105 x 75–80	11	65

Load capacity may be reduced in temperatures over +70 °C, see page 468.

LIO-G, BO-G series

Heat-resistant welded steel heavy-duty castors, with top plate, with cast iron wheel



750–1,250 kg

-30 °C to +270 °C

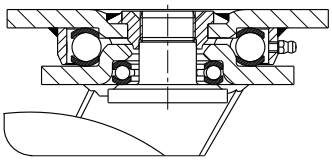
Bracket: LIO/BO series
- solid welded steel construction

Swivel bracket:
- double ball bearing in the swivel head
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**
- bolted and secured welded central kingpin, extremely strong
- swivel head seal with labyrinth design
- grease nipple
- highly heat-resistant grease

Wheel: G series
- rugged grey cast iron, hardness 180–220 HB, grease nipple, lacquered, colour silver

Additional details:
- bracket series: page 98
- brakes: page 112–113
- wheel series: page 468
- bearing types: page 84–85





Swivel castors	Fixed castors	Swivel castor with "stop-top" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity up to +70 °C [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LIO-G 127IK	**BO-G 127IK**	**LIO-G 127IK-ST**	125	50	750	ball bearing	170	140 x 110	105 x 75–80	11	50
LIO-G 150IK	**BO-G 150IK**	**LIO-G 150IK-ST**	150	50	900	ball bearing	200	140 x 110	105 x 75–80	11	55
LIO-G 200IK	**BO-G 200IK**	**LIO-G 200IK-ST**	200	50	1,000	ball bearing	245	140 x 110	105 x 75–80	11	60
LIO-G 250IK	**BO-G 250IK**	**LIO-G 250IK-ST**	250	60	1,250	ball bearing	295	140 x 110	105 x 75–80	11	70

At a temperature of +270 °C, the load capacity is reduced by 40%.

Versions / options

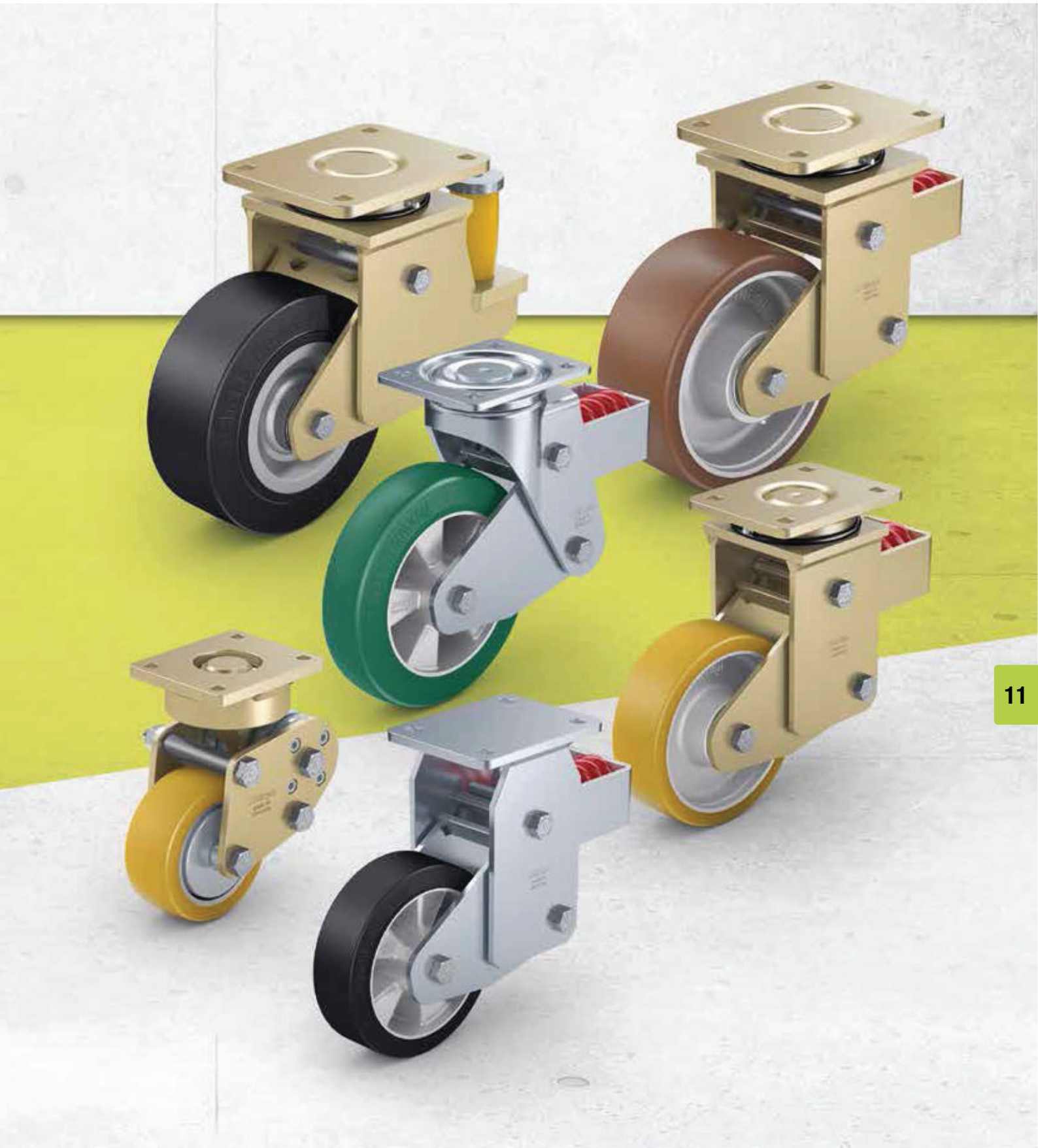


	with directional lock 4 x 90°
Technical description page	115
Product code suffix	**-RI4**
Available for	wheel Ø 125–200 mm



11

Spring-loaded castors



Selection tool

Spring-loaded castors






Series	LHF	LPFE	LSFN	LSFE
Bracket description	strong pressed steel	solid welded steel construction	robust welded steel construction	robust welded steel construction
Suspension	steel spring	polyurethane torsion spring	steel spring	polyurethane spring element
Wheel Ø	100–200 mm	100–150 mm	160–300 mm	160–250 mm
Castor load capacity up to	800 kg	500 kg	2,400 kg	1,800 kg
Initial tension	30–50 kg	40 kg	50–150 kg	50–200 kg
Spring tension	200–570 kg	330–500 kg	400–1,500 kg	300–1,200 kg
Max. spring travel	19–25 mm	16–25 mm	25–45 mm	25 mm
Speeds up to 16 km/h	■■■■□	■■■■■	■■■■■	■■■■■
Damping characteristics	■■■□□	■■■■■	■■■□□	■■■■■
Used on challenging surfaces	■■■■□	■■■□□	■■■■■	■■■■■
Available wheel series	ALEV, ALST, ALTH	ALEV, ALTH	SE, GST, GTH, GB	SE, GST, GTH, GB
For a description of the wheel, refer to	page 221, 294, 274	page 221, 274	page 228, 301, 286–287, 312–313	page 228, 301, 286–287, 312–313
For information about swivel and fixed castors, refer to	page 476, 480, 483	page 477, 484	page 478, 481, 485, 487	page 479, 482, 486, 488

■■■■■ excellent ■■■■ very good ■■■ good ■■ satisfactory ■ adequate

LHF-ALEV, BHF-ALEV series

Pressed steel castors, heavy-duty design, with steel spring, wheel with “Blickle EasyRoll” elastic solid rubber tyre



200–500 kg

Bracket: LHF/BHF series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- heavy fork and top plate
- robust spring structure with steel spring
- maintenance-free spring mechanism

Swivel bracket:
- double ball bearing in the swivel head
- bolted and secured central kingpin, extremely strong
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**

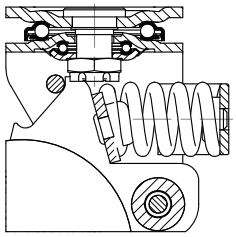
Wheel: ALEV series
- tyre: high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A, colour black
- wheel centre: die-cast aluminium

Additional details:
- bracket series: page 94
- wheel series: page 63
- bearing types: page 84–85

Blickle EasyRoll







Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Spring force [kg]	Pretensioning force [kg]	Spring travel [mm]	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LHF-ALEV 100K-1	**BHF-ALEV 100K-1**	100	40	200	200	30	19	175	100 x 85	80 x 60	9	32
LHF-ALEV 100K-3	**BHF-ALEV 100K-3**	100	40	200	200	30	19	175	140 x 110	105 x 75–80	11	32
LHF-ALEV 125K-1	**BHF-ALEV 125K-1**	125	40	250	240	30	21	200	100 x 85	80 x 60	9	45
LHF-ALEV 125K-3	**BHF-ALEV 125K-3**	125	40	250	240	30	21	200	140 x 110	105 x 75–80	11	45
LHF-ALEV 160K	**BHF-ALEV 160K**	160	50	400	400	50	25	245	140 x 110	105 x 75–80	11	65
LHF-ALEV 200K	**BHF-ALEV 200K**	200	50	500	400	50	25	265	140 x 110	105 x 75–80	11	65

Versions / options







	with non-marking grey tyre	electrically conductive version, black tyre	with “Radstop” wheel brake
Technical description page	52	50	113
Product code suffix	**-SG**	**-EL**	**-RA**
Available for	all	upon request	upon request

LPFE-ALEV, BPFE-ALEV series

Heavy-duty castors with polyurethane torsion springs, wheel with “Blickle EasyRoll” elastic solid rubber tyre

200–400 kg



Bracket: LPFE/BPFE series
- solid welded steel construction, solid forged part, zinc-plated, yellow-passivated, Cr6-free
- patented woodruff key design for outstanding spring-damping properties

Swivel bracket:
- one sealed lifetime lubricated grooved ball bearing in the swivel head (two for wheel Ø 125x50 mm or more)

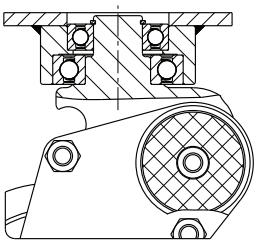
Wheel: ALEV series
- tyre: high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A, colour black
- wheel centre: die-cast aluminium

Additional details:
- bracket series: page 95
- wheel series: page 63
- bearing types: page 84–85

Blickle EasyRoll







Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Spring force [kg]	Pretensioning force [kg]	Spring travel [mm]	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LPFE-ALEV 100K-FA	**BPFE-ALEV 100K-FA**	100	40	200	330	40	16	170	100 x 85	80 x 60	9	38
LPFE-ALEV 125K-FA	**BPFE-ALEV 125K-FA**	125	40	250	290	40	18	192	100 x 85	80 x 60	9	45
LPFE-ALEV 127K	**BPFE-ALEV 127K**	125	50	300	370	40	25	225	140 x 110	105 x 75–80	11	61
LPFE-ALEV 150K	**BPFE-ALEV 150K**	150	50	400	370	40	25	255	140 x 110	105 x 75–80	11	61

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Versions / options



	with non-marking grey tyre	electrically conductive version, black tyre	with stem
Technical description page	52	50	104
Product code suffix	**-SG**	**-EL**	**-ZA**
Available for	all	upon request	upon request

Blickle®

LSFN-SE, BSFN-SE series

Welded steel heavy-duty castors with steel spring, wheel with “Blickle EasyRoll” elastic solid rubber tyres

450–1,000 kg



Blickle EasyRoll

Bracket: LSFN/BSFN series
- particularly robust welded steel construction, zinc-plated, yellow-passivated, Cr6-free
- robust spring structure with steel spring
- maintenance-free spring mechanism

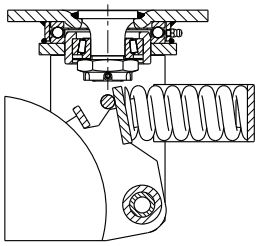
Swivel bracket:
- axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head
- bolted and secured welded central kingpin, extremely strong
- dust and splash-proof
- grease nipple

Wheel: SE series
- tyre: high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A, colour black
- wheel centre: thick-walled pressed steel, lacquered, colour anthracite

Additional details:
- bracket series: page 95
- wheel series: page 63
- bearing types: page 84–85



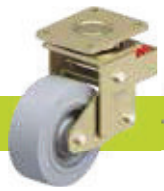


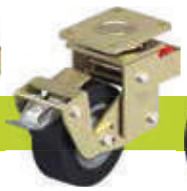


Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Spring force [kg]	Pretensioning force [kg]	Spring travel [mm]	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LSFN-SE 160K	**BSFN-SE 160K**	160	50	450	400	50	25	245	140 x 110	105 x 75–80	11	100
LSFN-SE 200K	**BSFN-SE 200K**	200	50	600	400	50	25	265	140 x 110	105 x 75–80	11	100
LSFN-SE 202K	**BSFN-SE 202K**	200	80	850	570	75	25	275	175 x 140	140 x 105	14	100
LSFN-SE 250K	**BSFN-SE 250K**	250	60	850	570	75	25	315	175 x 140	140 x 105	14	120
LSFN-SE 252K	**BSFN-SE 252K**	250	80	1,000	750	100	25	315	175 x 140	140 x 105	14	120
LSFN-SE 300K	**BSFN-SE 300K**	300	75	1,000	850	100	45	395	200 x 160	160 x 120	14	120

11

Versions / options







	with non-marking grey tyre	with “Radstop” wheel brake	with directional lock
Technical description page	52	113	115
Product code suffix	**-SG**	**-RA**	
Available for	wheel Ø 160–200 mm, others upon request	upon request	upon request

Blickle®

LSFE-SE, BSFE-SE series

Welded steel heavy-duty castors with polyurethane spring, wheel with “Blickle EasyRoll” elastic solid rubber tyres

450–1,000 kg



Bracket: LSFE/BSFE series
- particularly robust welded steel construction, zinc-plated, yellow-passivated, Cr6-free
- elastomer spring for excellent damping properties
- maintenance-free spring mechanism

Swivel bracket:
- axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head
- bolted and secured welded central kingpin, extremely strong
- dust and splash-proof
- grease nipple

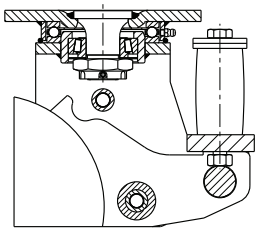
Wheel: SE series
- tyre: high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A, colour black
- wheel centre: thick-walled pressed steel, lacquered, colour anthracite

Additional details:
- bracket series: page 95
- wheel series: page 63
- bearing types: page 84–85

Blickle EasyRoll







Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Spring force [kg]	Pretensioning force [kg]	Spring travel [mm]	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LSFE-SE 160K	**BSFE-SE 160K**	160	50	450	300	50	25	245	140 x 110	105 x 75–80	11	100
LSFE-SE 200K	**BSFE-SE 200K**	200	50	600	500	50	25	265	140 x 110	105 x 75–80	11	100
LSFE-SE 202K	**BSFE-SE 202K**	200	80	850	700	100	25	275	175 x 140	140 x 105	14	100
LSFE-SE 250K	**BSFE-SE 250K**	250	60	850	700	100	25	315	175 x 140	140 x 105	14	120
LSFE-SE 252K	**BSFE-SE 252K**	250	80	1,000	700	100	25	315	175 x 140	140 x 105	14	120

Versions / options



	with non-marking grey tyre	with “Radstop” wheel brake	with directional lock	different spring tension
Technical description page	52	113	115	
Product code suffix	**-SG**	**-RA**		
Available for	wheel Ø 160–200 mm, others upon request	upon request	upon request	upon request

LHF-ALST, BHF-ALST series

Pressed steel castors, heavy-duty design, with steel spring, wheel with Blickle Softhane® polyurethane tread

320–750 kg



Bracket: LHF/BHF series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- heavy fork and top plate
- robust spring structure with steel spring
- maintenance-free spring mechanism

Swivel bracket:
- double ball bearing in the swivel head
- bolted and secured central kingpin, extremely strong
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**

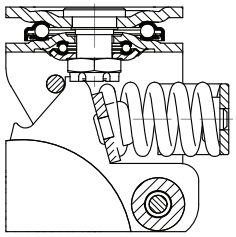
Wheel: ALST series
- tread: high-quality polyurethane elastomer Blickle Softhane®, hardness 75 Shore A, colour green, non-marking, non-staining
- wheel centre: die-cast aluminium, colour silver grey

Additional details:
- bracket series: page 94
- wheel series: page 66
- bearing types: page 84–85

Blickle Softhane®







Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Spring force [kg]	Pretensioning force [kg]	Spring travel [mm]	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LHF-ALST 100K-1	**BHF-ALST 100K-1**	100	40	320	200	30	19	175	100 x 85	80 x 60	9	32
LHF-ALST 100K-3	**BHF-ALST 100K-3**	100	40	320	200	30	19	175	140 x 110	105 x 75–80	11	32
LHF-ALST 125K-1	**BHF-ALST 125K-1**	125	40	350	240	30	21	200	100 x 85	80 x 60	9	45
LHF-ALST 125K-3	**BHF-ALST 125K-3**	125	40	350	240	30	21	200	140 x 110	105 x 75–80	11	45
LHF-ALST 160K	**BHF-ALST 160K**	160	50	580	570	50	25	245	140 x 110	105 x 75–80	11	65
LHF-ALST 200K	**BHF-ALST 200K**	200	50	750	570	50	25	265	140 x 110	105 x 75–80	11	65

11

Versions / options





	antistatic version, non-marking grey	with “Radstop” wheel brake
Technical description page	50	113
Product code suffix	**-AS**	**-RA**
Available for	upon request	upon request

LSFN-GST, BSFN-GST series

Welded steel heavy-duty castors with steel spring, wheel with Blickle Softhane® polyurethane tread

600–1,800 kg



Bracket: LSFN/BSFN series
- particularly robust welded steel construction, zinc-plated, yellow-passivated, Cr6-free
- robust spring structure with steel spring
- maintenance-free spring mechanism

Swivel bracket:
- axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head
- bolted and secured welded central kingpin, extremely strong
- dust and splash-proof
- grease nipple

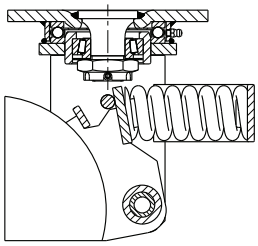
Wheel: GST series
- tread: high-quality polyurethane elastomer Blickle Softhane®, hardness 75 Shore A, colour green, non-marking, non-staining
- wheel centre: rugged grey cast iron, with grease nipple, lacquered, colour silver

Additional details:
- bracket series: page 95
- wheel series: page 67
- bearing types: page 84–85

Blickle Softhane®



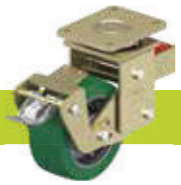




Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Spring force [kg]	Pretensioning force [kg]	Spring travel [mm]	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LSFN-GST 160K	**BSFN-GST 160K**	160	50	600	570	75	25	245	140 x 110	105 x 75–80	11	100
LSFN-GST 200K	**BSFN-GST 200K**	200	50	800	570	75	25	265	140 x 110	105 x 75–80	11	100
LSFN-GST 202K	**BSFN-GST 202K**	200	80	1,200	750	100	25	275	175 x 140	140 x 105	14	100
LSFN-GST 250K	**BSFN-GST 250K**	250	60	1,200	750	100	25	315	175 x 140	140 x 105	14	120
LSFN-GST 252K	**BSFN-GST 252K**	250	80	1,400	1,000	150	45	370	200 x 160	160 x 120	14	120
LSFN-GST 302K	**BSFN-GST 302K**	300	80	1,800	1,000	150	45	395	200 x 160	160 x 120	14	120

Versions / options







	antistatic version, non-marking grey	with “Radstop” wheel brake	with directional lock
Technical description page	50	113	115
Product code suffix	**-AS**	**-RA**	
Available for	upon request	upon request	upon request

LSFE-GST, BSFE-GST series

Welded steel heavy-duty castors with polyurethane spring, wheel with Blickle Softhane® polyurethane tread

600–1,400 kg



Bracket: LSFE/BSFE series
- particularly robust welded steel construction, zinc-plated, yellow-passivated, Cr6-free
- elastomer spring for excellent damping properties
- maintenance-free spring mechanism

Swivel bracket:
- axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head
- bolted and secured welded central kingpin, extremely strong
- dust and splash-proof
- grease nipple

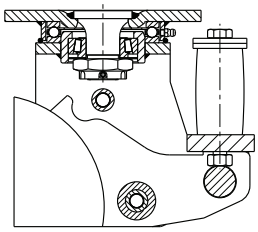
Wheel: GST series
- tread: high-quality polyurethane elastomer Blickle Softhane®, hardness 75 Shore A, colour green, non-marking, non-staining
- wheel centre: rugged grey cast iron, with grease nipple, lacquered, colour silver

Additional details:
- bracket series: page 95
- wheel series: page 67
- bearing types: page 84–85

Blickle Softhane®







Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Spring force [kg]	Pretensioning force [kg]	Spring travel [mm]	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LSFE-GST 160K	**BSFE-GST 160K**	160	50	600	500	50	25	245	140 x 110	105 x 75–80	11	100
LSFE-GST 200K	**BSFE-GST 200K**	200	50	800	500	50	25	265	140 x 110	105 x 75–80	11	100
LSFE-GST 202K	**BSFE-GST 202K**	200	80	1,200	850	150	25	275	175 x 140	140 x 105	14	100
LSFE-GST 250K	**BSFE-GST 250K**	250	60	1,200	850	150	25	315	175 x 140	140 x 105	14	120
LSFE-GST 252K	**BSFE-GST 252K**	250	80	1,400	1,200	200	25	315	200 x 160	160 x 120	14	120

11

Versions / options









	antistatic version, non-marking grey	with “Radstop” wheel brake	with directional lock	different spring tension
Technical description page	50	113	115	
Product code suffix	**-AS**	**-RA**		
Available for	upon request	upon request	upon request	upon request

LHF-ALTH, BHF-ALTH series

Pressed steel castors, heavy-duty design, with steel spring, wheel with Blickle Extrathane® polyurethane tread

350–800 kg



Bracket: LHF/BHF series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- heavy fork and top plate
- robust spring structure with steel spring
- maintenance-free spring mechanism

Swivel bracket:
- double ball bearing in the swivel head
- bolted and secured central kingpin, extremely strong
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**

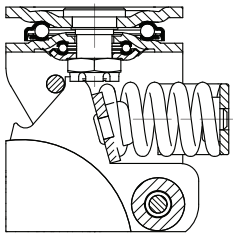
Wheel: ALTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre: die-cast aluminium, colour silver grey

Additional details:
- bracket series: page 94
- wheel series: page 65
- bearing types: page 84–85

Blickle Extrathane®







Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Spring force [kg]	Pretensioning force [kg]	Spring travel [mm]	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LHF-ALTH 101K-1-FA	**BHF-ALTH 101K-1-FA**	100	40	350	200	30	19	175	100 x 85	80 x 60	9	32
LHF-ALTH 101K-1-FA-CO	**BHF-ALTH 101K-1-FA-CO**	100	40	350	200	30	19	175	100 x 85	80 x 60	9	32
LHF-ALTH 101K-3-FA	**BHF-ALTH 101K-3-FA**	100	40	350	200	30	19	175	140 x 110	105 x 75–80	11	32
LHF-ALTH 101K-3-FA-CO	**BHF-ALTH 101K-3-FA-CO**	100	40	350	200	30	19	175	140 x 110	105 x 75–80	11	32
LHF-ALTH 125K-1-FA	**BHF-ALTH 125K-1-FA**	125	40	350	240	30	21	200	100 x 85	80 x 60	9	41
LHF-ALTH 125K-1-FA-CO	**BHF-ALTH 125K-1-FA-CO**	125	40	350	240	30	21	200	100 x 85	80 x 60	9	41
LHF-ALTH 125K-3-FA	**BHF-ALTH 125K-3-FA**	125	40	350	240	30	21	200	140 x 110	105 x 75–80	11	41
LHF-ALTH 125K-3-FA-CO	**BHF-ALTH 125K-3-FA-CO**	125	40	350	240	30	21	200	140 x 110	105 x 75–80	11	41
LHF-ALTH 160K	**BHF-ALTH 160K**	160	50	750	570	50	25	245	140 x 110	105 x 75–80	11	65
LHF-ALTH 160K-CO	**BHF-ALTH 160K-CO**	160	50	750	570	50	25	245	140 x 110	105 x 75–80	11	65
LHF-ALTH 200K	**BHF-ALTH 200K**	200	50	800	570	50	25	265	140 x 110	105 x 75–80	11	65
LHF-ALTH 200K-CO	**BHF-ALTH 200K-CO**	200	50	800	570	50	25	265	140 x 110	105 x 75–80	11	65

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Versions / options







	version with extremely crowned tread	antistatic version, non-marking grey	with “Radstop” wheel brake
Technical description page	55	50	113
Product code suffix	**-CO**	**-AS**	**-RA**
Available for		all	upon request

LPFE-ALTH, BPFE-ALTH series

Heavy-duty castors with polyurethane torsion springs, wheel with Blickle Extrathane® polyurethane tread



350–500 kg

Bracket: LPFE/BPFE series
- solid welded steel construction, solid forged part, zinc-plated, yellow-passivated, Cr6-free
- patented woodruff key design for outstanding spring-damping properties

Swivel bracket:
- one sealed lifetime lubricated grooved ball bearing in the swivel head (two for wheel Ø 125x50 mm or more)

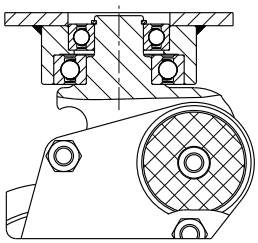
Wheel: ALTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre: die-cast aluminium, colour silver grey

Additional details:
- bracket series: page 95
- wheel series: page 65
- bearing types: page 84–85

Blickle Extrathane®







Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Spring force [kg]	Pretensioning force [kg]	Spring travel [mm]	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LPFE-ALTH 101K-FA	**BPFE-ALTH 101K-FA**	100	40	350	330	40	16	170	100 x 85	80 x 60	9	38
LPFE-ALTH 101K-FA-CO	**BPFE-ALTH 101K-FA-CO**	100	40	350	330	40	16	170	100 x 85	80 x 60	9	38
LPFE-ALTH 125K-FA	**BPFE-ALTH 125K-FA**	125	40	350	290	40	18	192	100 x 85	80 x 60	9	45
LPFE-ALTH 125K-FA-CO	**BPFE-ALTH 125K-FA-CO**	125	40	350	290	40	18	192	100 x 85	80 x 60	9	45
LPFE-ALTH 127K	**BPFE-ALTH 127K**	125	54	450	500	40	25	225	140 x 110	105 x 75–80	11	61
LPFE-ALTH 150K	**BPFE-ALTH 150K**	150	50	500	500	40	25	255	140 x 110	105 x 75–80	11	61

11

Versions / options



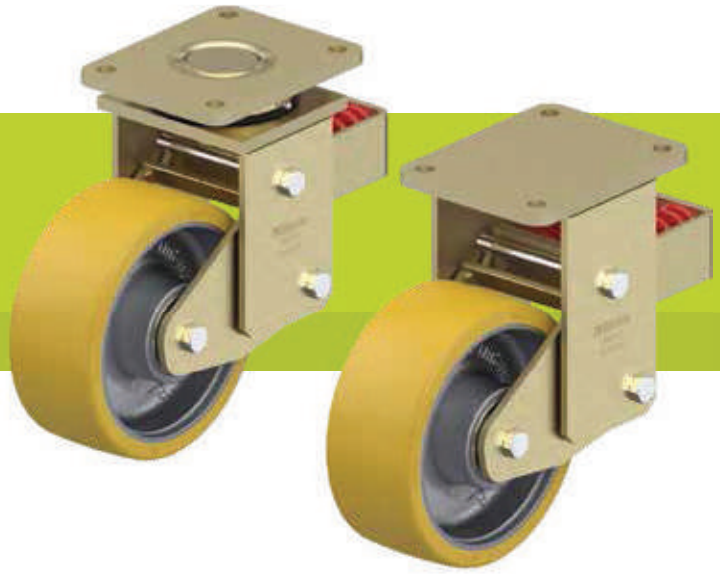




	version with extremely crowned tread	antistatic version, non-marking grey	with stem
Technical description page	55	50	104
Product code suffix	**-CO**	**-AS**	**-ZA**
Available for		all	upon request

LSFN-GTH, BSFN-GTH series

Welded steel heavy-duty castors with steel spring, wheel with Blickle Extrathane® polyurethane tread



800–2,400 kg

Bracket: LSFN/BSFN series
- particularly robust welded steel construction, zinc-plated, yellow-passivated, Cr6-free
- robust spring structure with steel spring
- maintenance-free spring mechanism

Swivel bracket:
- axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head
- bolted and secured welded central kingpin, extremely strong
- dust and splash-proof
- grease nipple

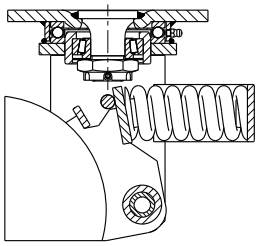
Wheel: GTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre: rugged grey cast iron, with grease nipple, lacquered, colour silver

Additional details:
- bracket series: page 95
- wheel series: page 66
- bearing types: page 84–85

Blickle Extrathane®







Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Spring force [kg]	Pretensioning force [kg]	Spring travel [mm]	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LSFN-GTH 160K	**BSFN-GTH 160K**	160	50	800	570	75	25	245	140 x 110	105 x 75–80	11	100
LSFN-GTH 200K	**BSFN-GTH 200K**	200	50	1,000	570	75	25	265	140 x 110	105 x 75–80	11	100
LSFN-GTH 202K	**BSFN-GTH 202K**	200	80	1,600	750	100	25	275	175 x 140	140 x 105	14	100
LSFN-GTH 250K	**BSFN-GTH 250K**	250	60	1,500	750	100	25	315	175 x 140	140 x 105	14	120
LSFN-GTH 252K	**BSFN-GTH 252K**	250	80	2,200	1,000	150	45	370	200 x 160	160 x 120	14	120
LSFN-GTH 252K-F30	**BSFN-GTH 252K-F30**	250	80	2,200	1,500	150	30	370	200 x 160	160 x 120	14	120
LSFN-GTH 302K	**BSFN-GTH 302K**	300	80	2,400	1,000	150	45	395	200 x 160	160 x 120	14	120
LSFN-GTH 302K-F30	**BSFN-GTH 302K-F30**	300	80	2,400	1,500	150	30	395	200 x 160	160 x 120	14	120

Version F30 with shortened spring travel

Versions / options







	antistatic version, non-marking grey	with “Radstop” wheel brake	with directional lock
Technical description page	50	113	115
Product code suffix	**-AS**	**-RA**	
Available for	upon request	upon request	upon request

Blickle®

LSFE-GTH, BSFE-GTH series

Welded steel heavy-duty castors with polyurethane spring, wheel with Blickle Extrathane® polyurethane tread

800–1,800 kg



Bracket: LSFE/BSFE series
- particularly robust welded steel construction, zinc-plated, yellow-passivated, Cr6-free
- elastomer spring for excellent damping properties
- maintenance-free spring mechanism

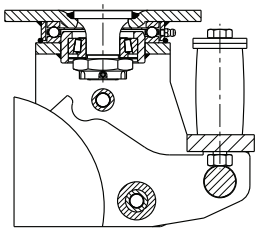
swivel bracket:
- axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head
- bolted and secured welded central kingpin, extremely strong
- dust and splash-proof
- grease nipple

Wheel: GTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre: rugged grey cast iron, with grease nipple, lacquered, colour silver

Additional details:
- bracket series: page 95
- wheel series: page 66
- bearing types: page 84–85

Blickle Extrathane®

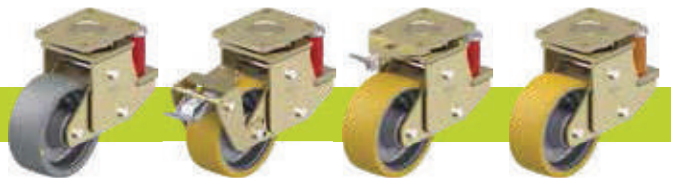




Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Spring force [kg]	Pretensioning force [kg]	Spring travel [mm]	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LSFE-GTH 160K	**BSFE-GTH 160K**	160	50	800	500	50	25	245	140 x 110	105 x 75–80	11	100
LSFE-GTH 200K	**BSFE-GTH 200K**	200	50	1,000	500	50	25	265	140 x 110	105 x 75–80	11	100
LSFE-GTH 202K	**BSFE-GTH 202K**	200	80	1,600	850	150	25	275	175 x 140	140 x 105	14	100
LSFE-GTH 250K	**BSFE-GTH 250K**	250	60	1,500	850	150	25	315	175 x 140	140 x 105	14	120
LSFE-GTH 252K	**BSFE-GTH 252K**	250	80	1,800	1,200	200	25	315	200 x 160	160 x 120	14	120

11

Versions / options



	antistatic version, non-marking grey	with “Radstop” wheel brake	with directional lock	different spring tension
Technical description page	50	113	115	
Product code suffix	**-AS**	**-RA**		
Available for	upon request	upon request	upon request	upon request

LSFN-GB, BSFN-GB series

Welded steel heavy-duty castors with steel spring, wheel with Blickle Besthane® polyurethane tread

800–2,400 kg



Bracket: LSFN/BSFN series
- particularly robust welded steel construction, zinc-plated, yellow-passivated, Cr6-free
- robust spring structure with steel spring
- maintenance-free spring mechanism

Swivel bracket:
- axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head
- bolted and secured welded central kingpin, extremely strong
- dust and splash-proof
- grease nipple

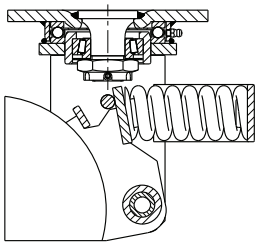
Wheel: GB series
- tread: high-quality polyurethane elastomer Blickle Besthane®, hardness 92 Shore A, colour brown, non-marking, non-staining
- wheel centre: rugged grey cast iron, with grease nipple, lacquered, colour silver

Additional details:
- bracket series: page 95
- wheel series: page 67
- bearing types: page 84–85

Blickle Besthane®







Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Spring force [kg]	Pretensioning force [kg]	Spring travel [mm]	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LSFN-GB 160K	**BSFN-GB 160K**	160	50	800	570	75	25	245	140 x 110	105 x 75–80	11	100
LSFN-GB 200K	**BSFN-GB 200K**	200	50	1,000	570	75	25	265	140 x 110	105 x 75–80	11	100
LSFN-GB 202K	**BSFN-GB 202K**	200	80	1,600	750	100	25	275	175 x 140	140 x 105	14	100
LSFN-GB 250K	**BSFN-GB 250K**	250	60	1,500	750	100	25	315	175 x 140	140 x 105	14	120
LSFN-GB 252K	**BSFN-GB 252K**	250	80	2,200	1,000	150	45	370	200 x 160	160 x 120	14	120
LSFN-GB 252K-F30	**BSFN-GB 252K-F30**	250	80	2,200	1,500	150	30	370	200 x 160	160 x 120	14	120
LSFN-GB 302K	**BSFN-GB 302K**	300	80	2,400	1,000	150	45	395	200 x 160	160 x 120	14	120
LSFN-GB 302K-F30	**BSFN-GB 302K-F30**	300	80	2,400	1,500	150	30	395	200 x 160	160 x 120	14	120

Version F30 with shortened spring travel

11

Versions / options





	with “Radstop” wheel brake	with directional lock
Technical description page	113	115
Product code suffix	**-RA**	
Available for	upon request	upon request

LSFE-GB, BSFE-GB series

Welded steel heavy-duty castors with polyurethane spring, wheel with Blickle Besthane® polyurethane tread



800–1,800 kg

Bracket: LSFE/BSFE series
- particularly robust welded steel construction, zinc-plated, yellow-passivated, Cr6-free
- elastomer spring for excellent damping properties
- maintenance-free spring mechanism

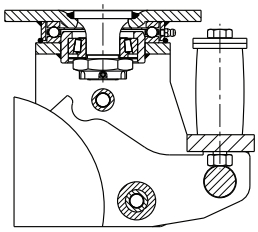
Swivel bracket:
- axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head
- bolted and secured welded central kingpin, extremely strong
- dust and splash-proof
- grease nipple

Wheel: GB series
- tread: high-quality polyurethane elastomer Blickle Besthane®, hardness 92 Shore A, colour brown, non-marking, non-staining
- wheel centre: rugged grey cast iron, with grease nipple, lacquered, colour silver

Additional details:
- bracket series: page 95
- wheel series: page 67
- bearing types: page 84–85

Blickle Besthane®





Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Spring force [kg]	Pretensioning force [kg]	Spring travel [mm]	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LSFE-GB 160K	**BSFE-GB 160K**	160	50	800	500	50	25	245	140 x 110	105 x 75–80	11	100
LSFE-GB 200K	**BSFE-GB 200K**	200	50	1,000	500	50	25	265	140 x 110	105 x 75–80	11	100
LSFE-GB 202K	**BSFE-GB 202K**	200	80	1,600	850	150	25	275	175 x 140	140 x 105	14	100
LSFE-GB 250K	**BSFE-GB 250K**	250	60	1,500	850	150	25	315	175 x 140	140 x 105	14	120
LSFE-GB 252K	**BSFE-GB 252K**	250	80	1,800	1,200	200	25	315	200 x 160	160 x 120	14	120

Versions / options



	with “Radstop” wheel brake	with directional lock	different spring tension
Technical description page	113	115	
Product code suffix	**-RA**		
Available for	upon request	upon request	upon request



12

Compact and levelling castors



12

Selection tool

Compact and levelling castors

Compact castors







Series	LRA / LKRA / LER / LR / LKR	LPA / LKPA / LE / L / LK	LH
	Compact castors		
	Single wheel castors		
Bracket description	pressed steel	pressed steel	strong pressed steel
Fitting type	bolt hole	top plate	top plate
Wheel Ø	35–65 mm	35–65 mm	60–80 mm
Castor load capacity up to	350 kg	350 kg	700 kg
Available wheel series	POA, POEV, VSTH, PO, GSPO	POA, POEV, VSTH, PO, GSPO	VSTH, SPO, GSPO, SVS
For a description of the wheel, refer to	page 143, 212, 286, 343, 368	page 143, 212, 286, 343, 368	page 286, 355, 368, 382
For information about swivel and fixed castors, refer to	page 496	page 497	page 498





LHD / LSD	LD
Compact castors	
Twin wheel castors	
pressed steel or welded steel	zinc die-cast
top plate	steel threaded pin
60–80 mm	50–60 mm
1,750 kg	250 kg
POEV, SE, ALTH, VSTH, ALST, ALBS, SPO, GSPO	POA, POEV, VSTH, PO
page 212, 228, 274, 286, 294, 319, 355, 368	page 143, 212, 286, 343
page 499	page 500

Selection tool

Compact and levelling castors

Levelling castors






Series	HRLK	HRLK…-HN	HRLK…-F	HRLK…-VS
	Levelling castors			
Actuated using a	Brake lever			Wrench
Special feature	fixed operating lever	pivoting operating and release lever	fixed lock for outstanding stability	height adjustment castor with adjustment screw
Electrical conductivity	optional	optional	optional	optional
Wheel Ø	75–100 mm	80 mm	80 mm	80–100 mm
Load capacity / lifting forces up to *	300 kg	250 kg	150 kg	280 kg
Static load capacity when stable and locked up to	1,000 kg	1,000 kg	1,500 kg	–
Stability	■■■□□	■■■□□	■■■■■	■■■■□
Ability to adjust mounting height when stable	–	–	–	✔
Height adjustment for dynamic operation	–	–	–	–
Changing location	frequent	occasional	occasional	infrequent
For information about swivel castors, refer to	page 501	page 502	page 503	page 504

■■■■■ excellent ■■■■ very good ■■■ good ■■ satisfactory ■ adequate ✔ yes – no

* We recommend dividing the total weight of the application by two when determining the amount of force required per levelling castor.







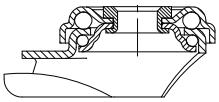


HRP / HRSP, HRIG	HRLH / HRLHD	HRLSD	HRLK…-HYD
Levelling castors			
Wrench			Hydraulic pump
with additional adjustment wheel	with manually-adjustable truck lock	with adjustable mounting height	raise four levelling castors at the same time
–	optional	optional	–
45–90 mm	75 mm	125 mm	100 mm
2,000 kg	600 kg	1,300 kg	750 kg
2,000 kg	1,500 kg	3,000 kg	750 kg
■■■□□	■■■■■	■■■■■	■■■■□
✔	✔	✔	✔
–	–	✔	–
infrequent	infrequent	infrequent	frequent
page 505	page 506	page 507	page 508–509

Pressed steel compact castors with bolt hole

75–350 kg





Bracket: LRA, LKRA, LER, LR, LKR series
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process
- bracket overview:
  LRA series page 86
  LKRA series page 86
  LER series page 91
  LR series page 91
  LKR series page 92
- brakes: page 112–113



Wheel: POEV series
- tyre: high-quality elastic solid rubber "Blickle EasyRoll" in smooth rolling quality, hardness 65 Shore A, colour black
- wheel centre: high-quality nylon 6, impact resistant, colour black
- detailed description: page 63, 212



Wheel: VSTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre: steel
- detailed description: page 66, 286



Wheel: POA series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour black
- detailed description: page 61, 143



Wheel: PO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour natural white
- detailed description: page 69, 343



Wheel: GSPO series
- high-quality cast nylon, reaction-injected, impact resistant, hardness 80 Shore D, colour natural beige
- detailed description: page 70, 368

12

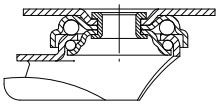
Swivel castors	Swivel castors with "Radstop" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity at 3 km/h [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LRA series									
LRA-POA 35G	LRA-POA 35G-RA	35	25	75	plain bore	50	43	11	15
LRA-VSTH 35K	LRA-VSTH 35K-RA	35	27	100	ball bearing	50	43	11	15
LRA-GSPO 35K	LRA-GSPO 35K-RA	35	28	100 *	ball bearing	50	43	11	15
LKRA series									
LKRA-POA 52G	LKRA-POA 52G-RA	50	29	120	plain bore	70	57	13	29
LKRA-GSPO 50K	LKRA-GSPO 50K-RA	50	32	150 *	ball bearing	70	57	13	29
LKRA-VSTH 50K	LKRA-VSTH 50K-RA	50	33	150	ball bearing	70	57	13	29
LER series									
LER-PO 60G	LER-PO 60G-RA	60	29	150	plain bore	80	70	13	35
LER-PO 60KF	LER-PO 60KF-RA	60	32	150	ball bearing (C)	80	70	13	35
LER-POEV 60KF	LER-POEV 60KF-RA	60	34	120	ball bearing (CC)	80	70	13	35
LR series									
LR-GSPO 60K	LR-GSPO 60K-RA	60	32	250 *	ball bearing	80	70	13	35
LR-VSTH 60K	LR-VSTH 60K-RA	60	35	200	ball bearing	80	70	13	35
LKR series									
LKR-GSPO 65K		65	40	350 *	ball bearing	88	88	13	41
LKR-VSTH 65K		65	40	250	ball bearing	88	88	13	41

* Test in compliance with DIN 12530 with extended breaks to avoid thermal overloading

Pressed steel compact castors with top plate

75–350 kg





Bracket: LPA, LKPA, LE/B, L/B, LK/BK series
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process
- bracket overview:
  series LPA page 86
  series LKPA page 86
  series LE/B page 90
  series L/B page 91
  series LK/BK page 92
- brakes: page 112–113



Wheel: POEV series
- tyre: high-quality elastic solid rubber "Blickle EasyRoll" in smooth rolling quality, hardness 65 Shore A, colour black
- wheel centre: high-quality nylon 6, impact resistant, colour black
- detailed description: page 63, 212



Wheel: VSTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre: steel
- detailed description: page 66, 286



Wheel: POA series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour black
- detailed description: page 61, 143



Wheel: PO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour natural white
- detailed description: page 69, 343



Wheel: GSPO series
- high-quality cast nylon, reaction-injected, impact resistant, hardness 80 Shore D, colour natural beige
- detailed description: page 70, 368

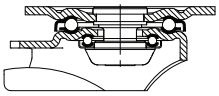
Swivel castors	Fixed castors	Swivel castors with "Radstop" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity at 3 km/h [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LPA series											
LPA-POA 35G		LPA-POA 35G-RA	35	25	75	plain bore	52	60 x 60	38 x 38 / 48 x 48	6.2	15
LPA-VSTH 35K		LPA-VSTH 35K-RA	35	27	100	ball bearing	52	60 x 60	38 x 38 / 48 x 48	6.2	15
LPA-GSPO 35K		LPA-GSPO 35K-RA	35	28	100 *	ball bearing	52	60 x 60	38 x 38 / 48 x 48	6.2	15
LKPA series											
LKPA-POA 52G		LKPA-POA 52G-RA	50	29	120	plain bore	73	90 x 66	75 x 45 / 61 x 51	8.5	29
LKPA-GSPO 50K		LKPA-GSPO 50K-RA	50	32	150 *	ball bearing	73	90 x 66	75 x 45 / 61 x 51	8.5	29
LKPA-VSTH 50K		LKPA-VSTH 50K-RA	50	33	150	ball bearing	73	90 x 66	75 x 45 / 61 x 51	8.5	29
LE series											
LE-PO 60G	B-PO 60G	LE-PO 60G-RA	60	29	150	plain bore	80	100 x 85	80 x 60	9	35
LE-PO 60KF	B-PO 60KF	LE-PO 60KF-RA	60	32	150	ball bearing (C)	80	100 x 85	80 x 60	9	35
LE-POEV 60KF	B-POEV 60KF	LE-POEV 60KF-RA	60	34	120	ball bearing (CC)	80	100 x 85	80 x 60	9	35
L series											
L-GSPO 60K	B-GSPO 60K	L-GSPO 60K-RA	60	32	250 *	ball bearing	80	100 x 85	80 x 60	9	35
L-VSTH 60K	B-VSTH 60K	L-VSTH 60K-RA	60	35	200	ball bearing	80	100 x 85	80 x 60	9	35
LK series											
LK-GSPO 65K	BK-GSPO 65K		65	40	350 *	ball bearing	90	100 x 85	80 x 60	9	40
LK-VSTH 65K	BK-VSTH 65K		65	40	250	ball bearing	90	100 x 85	80 x 60	9	40

* Test in compliance with DIN 12530 with extended breaks to avoid thermal overloading

Pressed steel compact castors, heavy-duty version, with top plate

280–700 kg





Bracket: LH/BH series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- heavy fork and top plate
  Swivel bracket:
- double ball bearing in the swivel head
- bolted and secured central kingpin, extremely strong
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**
- bracket series: page 92
- brakes: page 112–113



Wheel: VSTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre: steel
- detailed description: page 66, 286



Wheel: SPO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, extremely robust heavy-duty version, colour natural white
- detailed description: page 69, 355



Wheel: GSPO series
- high-quality cast nylon, reaction-injected, impact resistant, hardness 80 Shore D, colour natural beige
- detailed description: page 70, 368



Wheel: SVS series
- heat-treatable steel, hardness 190–230 HB, slightly crowned tread
- detailed description: page 70, 382

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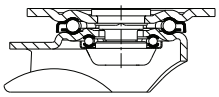
Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity at 3 km/h [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH / BH series											
LH-VSTH 62K			60	60	320	ball bearing	92	100 x 85	80 x 60	9	45
LH-GSPO 65K	**BH-GSPO 65K**		65	40	650 *	ball bearing	97	100 x 85	80 x 60	9	45
LH-SVS 65K	**BH-SVS 65K**		65	40	700	ball bearing	97	100 x 85	80 x 60	9	45
LH-SPO 75K	**BH-SPO 75K**	**LH-SPO 75K-FI**	75	32	300	ball bearing	118	100 x 85	80 x 60	9	45
LH-SPO 75G	**BH-SPO 75G**	**LH-SPO 75G-FI**	75	32	300	plain bore	118	100 x 85	80 x 60	9	45
LH-SPO 80K	**BH-SPO 80K**	**LH-SPO 80K-FI**	80	37	350	ball bearing	120	100 x 85	80 x 60	9	45
LH-GSPO 80K	**BH-GSPO 80K**	**LH-GSPO 80K-FI**	80	40	700 *	ball bearing	120	100 x 85	80 x 60	9	45
LH-SVS 80K	**BH-SVS 80K**		80	40	700	ball bearing	120	100 x 85	80 x 60	9	45
LH-VSTH 80K	**BH-VSTH 80K**	**LH-VSTH 80K-FI**	80	40	280	ball bearing	120	100 x 85	80 x 60	9	45
LH-SPO 82K			80	70	650	ball bearing	112	100 x 85	80 x 60	9	45
LH-VSTH 82K			80	70	500	ball bearing	112	100 x 85	80 x 60	9	45

* Load capacity test in compliance with DIN 12530 with extended breaks to avoid thermal overloading

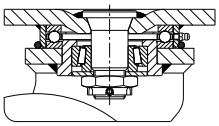
Pressed steel or welded steel heavy-duty twin wheel compact castors, with top plate

210–1,750 kg





Bracket: LHD series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free (fixed bracket: solid welded steel construction)
- heavy fork and top plate
- double ball bearing in the swivel head
- bolted and secured central kingpin, extremely strong
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**
- bracket series: page 93



Bracket: LSD series
- particularly robust welded steel construction, zinc-plated, yellow-passivated, Cr6-free
- axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head
- bolted and secured welded central kingpin, extremely strong
- dust and splash-proof
- grease nipple
- bracket series: page 94



Wheel: POEV series
- tyre: high-quality elastic solid rubber "Blickle EasyRoll" in smooth rolling quality, hardness 65 Shore A, colour black
- wheel centre: high-quality nylon 6, impact resistant, colour black
- detailed description: page 63, 212



Wheel: SE series
- tyre: high-quality elastic solid rubber "Blickle EasyRoll" in smooth rolling quality, hardness 65 Shore A, colour black
- wheel centre: high-quality nylon 6, impact resistant, colour black
- detailed description: page 63, 228



Wheel: ALST series
- tread: high-quality polyurethane elastomer Blickle Softhane®, hardness 75 Shore A, colour green, non-marking, non-staining
- wheel centre: die-cast aluminium, colour silver grey
- detailed description: page 66, 294



Wheel: ALBS series
- tread: high-quality polyurethane elastomer Blickle Besthane® Soft, hardness 75 Shore A, colour blue, non-marking, non-staining
- wheel centre: die-cast aluminium, colour silver grey
- detailed description: page 68, 319



Wheel: ALTH, VSTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre: ALTH: die-cast aluminium, colour silver grey
  VSTH: steel
- detailed description: page 65, 66, 274, 286



Wheel: SPO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, extremely robust heavy-duty version, colour natural white
- detailed description: page 69, 355



Wheel: GSPO series
- high-quality cast nylon, reaction-injected, impact resistant, hardness 80 Shore D, colour natural beige
- detailed description: page 70, 368

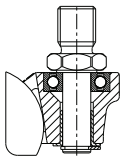
Swivel castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity at 3 km/h [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LHD series									
LHD-GSPO 60K	60	2 x 32	630 *	ball bearing	92	100 x 85	80 x 60	9	40
LHD-POEV 60KF	60	2 x 34	210	ball bearing (CC)	92	100 x 85	80 x 60	9	40
LHD-VSTH 60K	60	2 x 35	360	ball bearing	92	100 x 85	80 x 60	9	40
LHD-SPO 75K	75	2 x 32	540	ball bearing	110	100 x 85	80 x 60	9	45
LHD-ALST 80K	80	2 x 30	360	ball bearing	112	100 x 85	80 x 60	9	45
LHD-ALTH 80K	80	2 x 30	360	ball bearing	112	100 x 85	80 x 60	9	45
LHD-ALBS 80K	80	2 x 30	360	ball bearing	115	100 x 85	80 x 60	9	45
LHD-POEV 80KF	80	2 x 32	250	ball bearing (C)	112	100 x 85	80 x 60	9	45
LHD-VSTH 80K	80	2 x 40	500	ball bearing	115	140 x 110	105 x 75–80	11	45
LHD-SE 80K	80	2 x 45	360	ball bearing	115	140 x 110	105 x 75–80	11	45
LSD series									
LSD-GSPO 80K	80	2 x 40	1,750 *	ball bearing	125	140 x 110	105 x 75–80	11	40

* Test in compliance with DIN 12530 with extended breaks to avoid thermal overloading

Twin wheel compact castors

210–250 kg





Bracket: LD series
- swivel bracket: zinc die-cast
- high-quality ball bearing in the swivel head
- zinc-plated steel threaded pin
- bracket series: page 99



Wheel: POEV series
- tyre: high-quality elastic solid rubber "Blickle EasyRoll" in smooth rolling quality, hardness 65 Shore A, colour black
- wheel centre: high-quality nylon 6, impact resistant, colour black
- detailed description: page 63, 212



Wheel: VSTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre: steel
- detailed description: page 66, 286



Wheel: POA series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour black
- detailed description: page 61, 143



Wheel: PO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour natural white
- detailed description: page 69, 343

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Swivel castors	Wheel Ø [mm]	Wheel width [mm]	Total castor width [mm]	Load capacity at 3 km/h [kg]	Bearing type	Total height [mm]	Threaded pin [mm]	Offset swivel castor [mm]
LD series								
LD-POA 52G	50	2 x 29	95	210	plain bore	56	M16 x 20	39
LD-VSTH 50K	50	2 x 33	100	250	ball bearing	56	M16 x 20	39
LD-PO 60G	60	2 x 29	105	250	plain bore	65	M16 x 20	39
LD-POEV 60KF	60	2 x 34	105	240	ball bearing (CC)	65	M16 x 20	39
LD-VSTH 60K	60	2 x 35	105	250	ball bearing	65	M16 x 20	39

HRLK series

Levelling castors with fixed operating lever and integrated truck lock, with top plate

170–300 kg



Bracket: HRLK series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process
- steel truck lock with rubber pad
- height adjustment with lever

Wheel:
POEV series
- tyre: high-quality elastic solid rubber "Blickle EasyRoll" in smooth rolling quality, hardness 65 Shore A, colour black
- wheel centre: high-quality nylon 6

ALST series
- tread: high-quality polyurethane elastomer Blickle Softhane®, hardness 75 Shore A, colour green
- wheel centre: die-cast aluminium

ALTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown
- wheel centre: die-cast aluminium

PO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour natural white

SPO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, extremely robust heavy-duty version, colour natural white

Additional details:
- bracket series: page 99
- wheel series: page 63, 66, 65, 69
- bearing types: page 84–85

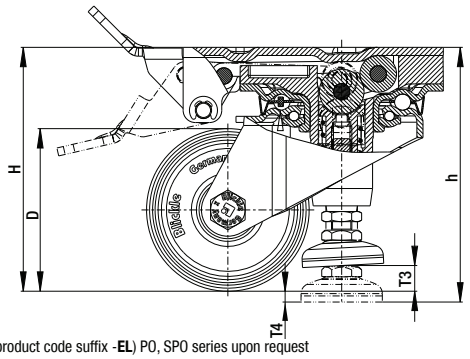
Swivel castors	Wheel Ø (D) [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height (H) [mm]	Total height max. (h) [mm]	Stroke (T4) [mm]	Floor clearance foot max. (T3) [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
PO series												
HRLK-PO 75G	75	32	200	plain bore	118	120	2	13	100 x 85	80 x 60	9	56
HRLK-PO 82G	80	37	230	plain bore	120	122	2	13	100 x 85	80 x 60	9	56
HRLK-PO 100G	100	37	230	plain bore	140	142	2	13	100 x 85	80 x 60	9	65
HRLK-PO 100KA	100	37	230	ball bearing (C)	140	142	2	13	100 x 85	80 x 60	9	65
SPO series												
HRLK-SPO 75G	75	32	300	plain bore	118	120	2	13	100 x 85	80 x 60	9	56
HRLK-SPO 75K	75	32	300	ball bearing	118	120	2	13	100 x 85	80 x 60	9	56
HRLK-SPO 80K	80	37	300	ball bearing	120	122	2	13	100 x 85	80 x 60	9	56
POEV series												
HRLK-POEV 82KF	80	40	170	ball bearing (C)	120	122	2	13	100 x 85	80 x 60	9	56
HRLK-POEV 100KA	100	32	200	ball bearing (C)	140	142	2	13	100 x 85	80 x 60	9	65
ALST series												
HRLK-ALST 82K	80	40	230	ball bearing	120	122	2	13	100 x 85	80 x 60	9	56
HRLK-ALST 100K	100	40	230	ball bearing	140	142	2	13	100 x 85	80 x 60	9	65
ALTH series												
HRLK-ALTH 80K	80	30	180	ball bearing	120	122	2	13	100 x 85	80 x 60	9	56
HRLK-ALTH 100K	100	40	230	ball bearing	140	142	2	13	100 x 85	80 x 60	9	65

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Versions / options *



	image POEV series	image ALST series	image ALTH series	with "central-stop" central brake system
Technical description page	63	66	65	113
Product code suffix				**-CS13**
Available for				upon request



* **Other versions / options: 1**. corrosion-resistant version (product code **HRLKX-...**) upon request **2.** electrically conductive version, wheel non-marking grey (product code suffix **-EL**) PO, SPO series upon request **3.** antistatic version, wheel non-marking (product code suffix **-AS**) ALTH, ALST series upon request **4.** synthetic adapter plate (+10 mm) to balance out total height for corresponding swivel and fixed castors: **Product code AP1-10**

HRLK...-HN series

Levelling castors with swiveling operating and release lever, with top plate

180–250 kg



Bracket: HRLK...-HN series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process
- steel truck lock with rubber pad
- height adjustment with swiveling operating and release lever

Wheel:
PO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour natural white

SPO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, extremely robust heavy-duty version, colour natural white

ALTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown
- wheel centre: die-cast aluminium

Additional details:
- bracket series: page 99
- wheel series: page 69, 65
- bearing types: page 84–85

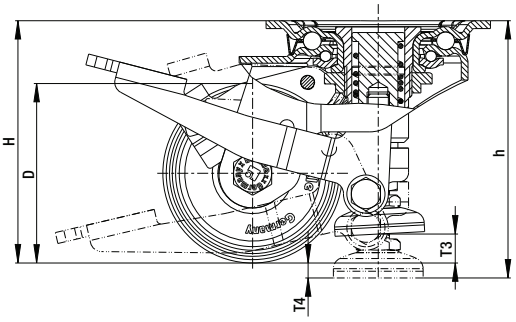
Swivel castors	Wheel Ø (D) [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height (H) [mm]	Total height max. (h) [mm]	Stroke (T4) [mm]	Floor clearance foot max. (T3) [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
PO series												
HRLK-PO 82G-HN	80	37	230	plain bore	117	121	4	12	100 x 85	80 x 60	9	56
SPO series												
HRLK-SPO 80G-HN	80	37	250	plain bore	117	121	4	12	100 x 85	80 x 60	9	56
ALTH series												
HRLK-ALTH 80K-HN	80	30	180	ball bearing	117	121	4	12	100 x 85	80 x 60	9	56

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Versions / options



	image ALTH series	electrically-conductive version, wheel non-marking grey	antistatic version, non-marking grey	with top plate 140x110/ 105x75–80 mm
Technical description page	65	50	50	107
Product code suffix		**-EL**	**-AS**	**-3**
Available for		PO, SPO series upon request	ALTH series upon request	upon request



HRLK...-F series

Levelling castors with fixed lock and height-adjustable wheel, with top plate

150 kg



Bracket: HRLK...-F series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process
- steel truck lock with rubber pad
- height adjustment with swiveling operating lever

Wheel:
PO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour natural white

ALTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown
- wheel centre: die-cast aluminium

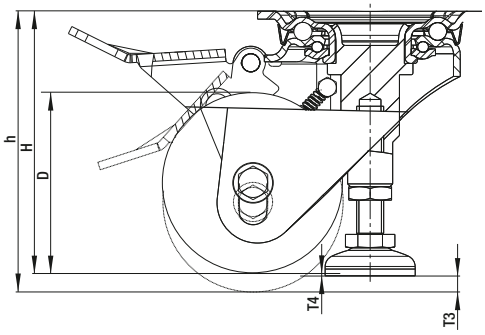
Additional details:
- bracket series: page 100
- wheel series: page 69, 65
- bearing types: page 84–85

Swivel castors	Wheel Ø (D) [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height (H) [mm]	Total height max. (h) [mm]	Stroke (T4) [mm]	Floor clearance foot max. (T3) [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
PO series												
HRLK-PO 80G-F	80	32	150	plain bore	117	122	2	5	100 x 85	80 x 60	9	52
ALTH series												
HRLK-ALTH 80K-F	80	30	150	ball bearing	117	122	2	5	100 x 85	80 x 60	9	52

Versions / options



	image ALTH series	electrically conductive version, wheel non-marking grey	antistatic version, non-marking grey	with top plate 140x110/ 105x75–80 mm
Technical description page	65	50	50	107
Product code suffix		**-EL**	**-AS**	**-3**
Available for		PO series upon request	ALTH series upon request	upon request



HRLK...-VS series

Height adjustment castors with adjustment screw, with top plate, with nylon wheel



230–280 kg

Bracket: HRLK...-VS series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process
- total height can be adjusted when stationary with adjustment screw (SW17), wheel locked in place with adjustment screw is used

Wheel: PO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour natural white

Additional details:
- bracket series: page 100
- wheel series: page 69
- bearing types: page 84–85

Swivel castors	Wheel Ø (D) [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height (H) [mm]	Total height max. (h) [mm]	Displacement [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
HRLK-PO 82G-VS	80	37	230	plain bore	108	120	12	100 x 85	80 x 60	9	42
HRLK-PO 100G-VS	100	37	280	plain bore	128	140	12	100 x 85	80 x 60	9	45

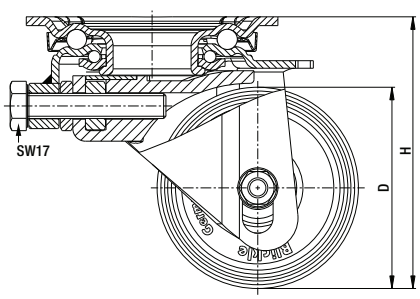
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Versions / options

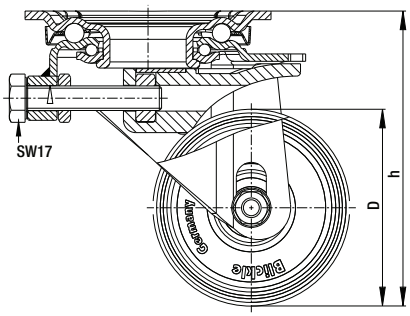


	electrically conductive version, non-marking grey	directional lock (separate) 1 x 360°
Technical description page	50	115
Product code suffix	**-ELS**	**RI-05.01**
Available for	upon request	all

travelling operation



stationary operation



HRP-POA, HRSP-POA, HRSP-GSPO, HRIG-POA series

Levelling castors with integrated truck lock, with top plate or bolt hole female thread, with nylon or heavy-duty wheel made of cast nylon

180–2,000 kg



HRP

HRIG

Bracket: HRP/HRSP series
- die-cast aluminium, powder-coated, colour ivory
- sealed ball bearing in the swivel head
- steel top plate
- truck lock made of hard rubber, series HRSP made of aluminium, black
- height adjustment using wrench or integrated adjustment wheel, series HRSP with wrench only
- steel parts zinc-plated, blue-passivated, Cr6-free

Wheel:
POA series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour black

GSPO series
- high-quality cast nylon, reaction-injected, impact resistant, hardness 80 Shore D, colour natural beige

Additional details:
- bracket series: page 100
- wheel series: page 61–70
- bearing types: page 84–85

Swivel castors	Wheel Ø (D) [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height (H) [mm]	Total height max. (h) [mm]	Displacement (T4) [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
POA series											
HRP-POA 45G	45	18	180	plain bore	72	80	8	55 x 55	42 x 42	7	32
HRP-POA 50G	50	24	250	plain bore	84	90	6	73 x 73	58 x 58	7	38
HRP-POA 63G	63	30	500	plain bore	104	116	12	90 x 90	70 x 70	9	46
HRP-POA 72G	72	32	750	plain bore	122	134	12	95 x 95	70 x 70	11	52
HRSP-POA 72G	72	32	1,000	plain bore	122	134	12	95 x 95	70 x 70	11	55
GSPO series											
HRSP-GSPO 90G	90	55	2,000	plain bore	130	150	25	100 x 100	70 x 70	13	70

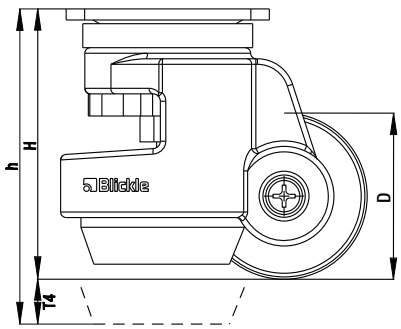
Load capacity determined under the following conditions:
– speed: max. 1 km/h
– temperature: +15 °C to +30 °C
– hardness, horizontal tread without obstacles
– route: A cooling off period of 15 minutes is required after a maximum of 50 m.

Versions / options



	image HRSP-GSPO series	stainless steel version	with bolt hole (female thread)
Technical description page			
Product code suffix			**HRIG-POA ...**
Available for		upon request	all wheel Ø in series HRP*

* Wheel Ø 45 mm: M8x12 mm; wheel Ø 50–63 mm: M12x15 mm; wheel Ø 72 mm: M16x16 mm; reduces the maximum total height of the HRIG-POA 63G and HRIG-POA 72G castors by 2 mm



HRLH-SPO, HRLHD-SPO series

Levelling castors with integrated truck lock, with top plate, with heavy-duty nylon wheel

300–600 kg



Bracket: HRLH/HRLHD series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- heavy fork and top plate
- double ball bearing in the swivel head
- bolted and secured central kingpin, extremely strong
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**
- steel truck lock with rubber pad
- height adjustment with wrench

Wheel: SPO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, extremely robust heavy-duty version, colour natural white

Additional details:
- bracket series: page 101
- wheel series: page 69
- bearing types: page 84–85

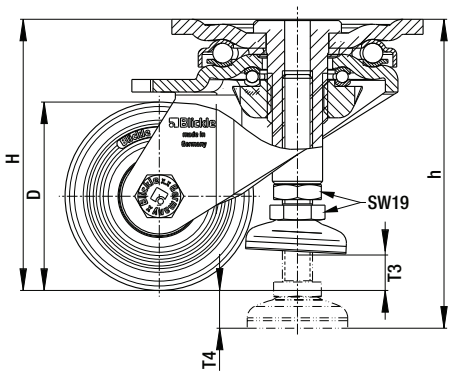
Swivel castors	Wheel Ø (D) [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height (H) [mm]	Total height max. (h) [mm]	Displacement (T4) [mm]	Floor clearance foot max. (T3) [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
HRLH-SPO 75K	75	32	300	ball bearing	108	123	15	15	100 x 85	80 x 60	9	55
HRLHD-SPO 75K	75	2 x 32	600	ball bearing	108	123	15	15	100 x 85	80 x 60	9	55

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Versions / options



	electrically conductive version, wheel non-marking grey	directional lock (separate) 1 x 360°
Technical description page	50	115
Product code suffix	**-EL**	**RI-04.01**
Available for	upon request	HRLH-SPO 75K



HRLSD series

Welded steel heavy-duty levelling castors with adjustable mounting height, with top plate

1,300 kg



Bracket: HRLSD series
- particularly robust welded steel construction, zinc-plated, yellow-passivated, Cr6-free
- axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head
- dust and splash-proof
- welded guide sleeve for extremely strong truck lock
- wheels and truck lock can be levelled using a wrench (SW24)
- grease nipple

Wheel:
SPO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, extremely robust heavy-duty version, colour natural white

GTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown
- wheel centre: rugged grey cast iron

Additional details:
- bracket series: page 101
- wheel series: page 66–69
- bearing types: page 84–85

Swivel castors	Wheel Ø (D) [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height (H) [mm]	Total height max. (h) [mm]	Floor clearance foot max. [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
SPO series											
HRLSD-SPO 125K	125	2 x 40	1,300	ball bearing	170	210	40	175 x 140	140 x 105	14	70
GTH series											
HRLSD-GTH 127K	125	2 x 50	1,300	ball bearing	170	210	40	175 x 140	140 x 105	14	70

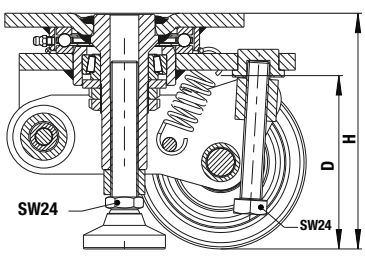
Floor clearance with screwed in truck lock and levelling screw

Versions / options

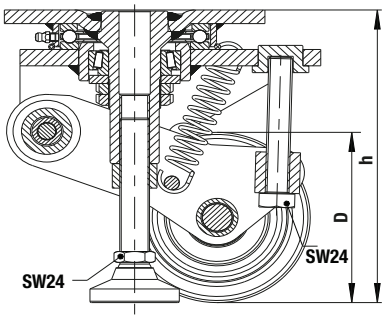


	image SPO series	electrically conductive version, wheel non-marking grey
Technical description page	69	50
Product code suffix		**-EL**
Available for		SPO series upon request

min. total height



max. total height



12

HRLK...-HYD series

Levelling castor set with hydraulic pump

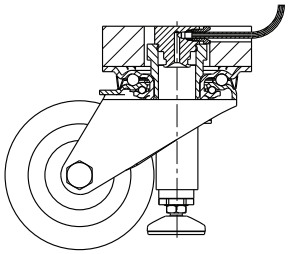


750 kg (Set)

Bracket: HRLK...-HYD series
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process
- steel truck lock with rubber pad

Wheel: PATH series
- tread: high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A, colour dark grey, non-marking, non-staining
- wheel centre: high-quality nylon 6, impact resistant, colour silver grey

Additional details:
- bracket series: page 101
- wheel series: page 61
- bearing types: page 84–85



Swivel castors	Wheel Ø (D) [mm]	Wheel width [mm]	Max. lifting force per levelling castor [kg]	Max. lifting force per system [kg]	Total height (H) [mm]	Total height max. (h) [mm]	Stroke (T4) [mm]	Floor clearance foot max. (T3) [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
SET HRLK-PATH 100KF-HYD-AK *	100	32	240	750	150	160	10	20	100 x 85	80 x 60	9	65
SET HRLK-PATH 100KF-HYD **	100	32	240	750	150	160	10	20	100 x 85	80 x 60	9	65

* With removable hand crank

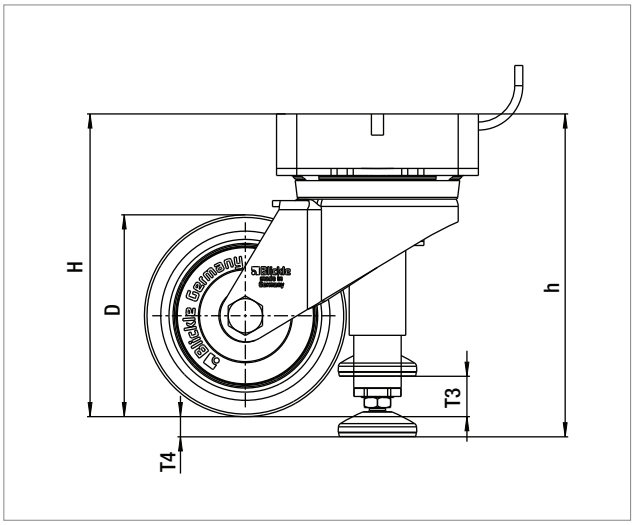
** With folding hand crank

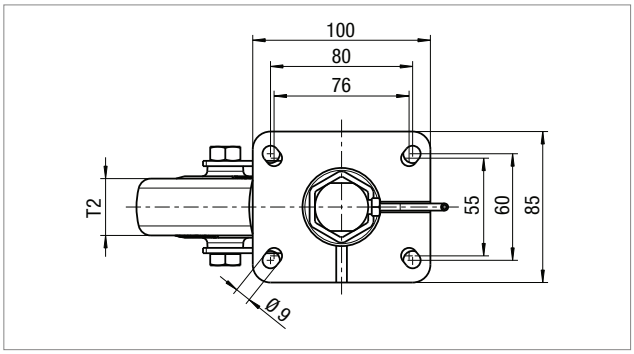
12

Set comprising:
- levelling castors (with synthetic adapter plate and pre-assembled hydraulic hose)
- hydraulic pump including hand crank
- assembly set with instructions

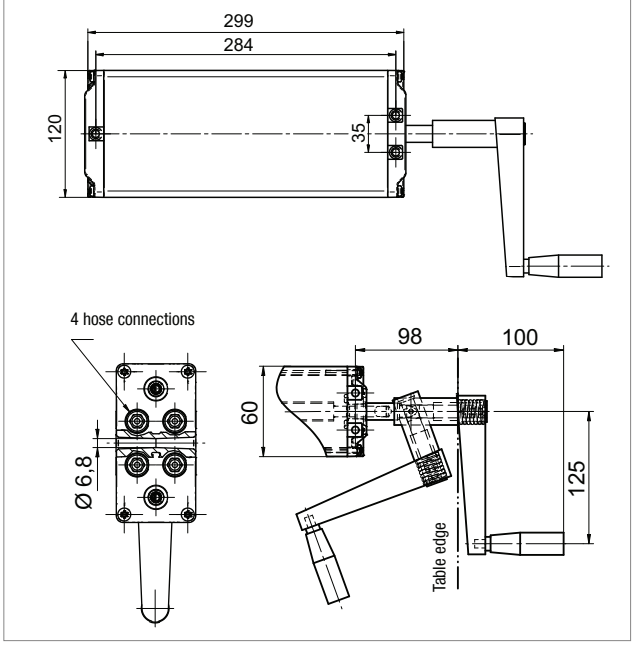








Hydraulic pump with folding hand crank



Application:
Levelling castors with an integrated hydraulic truck lock are an easy way to convert mobile equipment and transport units weighing up to 750 kg into stable worktops. The tried and tested hydraulic unit manufactured by the Swiss company Ergoswiss is used to raise four levelling castors in a centralised, synchronised and ergonomic fashion.

Description:
The hydraulic cylinders of each levelling castor are connected to a hydraulic pump attached to the centre of the unit using a hydraulic hose. Using the hand crank causes the hydraulic fluid to flow from the hydraulic pump into the hydraulic cylinders of the levelling castors. The raising motion of the truck locks lifts the levelling castors in a synchronised and silent manner. A wrench can be used to adjust the truck lock to compensate for uneven surfaces. The hand crank can be folded down or removed after use so that it is concealed behind the edge of the unit or table.
The hydraulic hoses (3m each), which come pre-assembled on the levelling castors, are cut to the desired length and connected to the hydraulic pump during installation.

Hydraulic pump:
Pump housing made from colourless anodised aluminium, four integrated hydraulic cylinders with four hose connections, foldable or removable hand crank, three holes (Ø 6.8 mm) for installing the pump.

- length of the hydraulic hoses: 3 m
- diameter of the hydraulic hoses: 4 mm
- hydraulic pump (LxWxH): 299 x 120 x 60 mm

Assembly set (incl.):

- 1 x double ring spanner with special opening
- 1 hose cutter
- 1 magnet
- 5 clamping rings
- 1 connecting screw (as replacement)
- instructions

Versions / options



	heavy duty levelling castor set for total loads of up to 2,000 kg
Technical description page	
Product code suffix	**SET HRLSD...-HYD**
Available for	upon request



13

Guide rollers



13

Selection tool

Guide rollers







Series	FPU	FPTH	FTH
Tread / tyre	Thermoplastic polyurethane (TPU)		Polyurethane elastomer Blickle Extrathane®
Tread and tyre hardness	98 Shore A	92 Shore A	92 Shore A
Non-marking	✔	✔	✔
Electrical conductivity	optional	optional	–
Wheel centre / rim	–	nylon	–
Wheel Ø	25–60 mm	60–125 mm	30–75 mm
Load capacity up to	100 kg	290 kg	150 kg
Rolling resistance	■■■■□	■■■■□	■■■■□
Smooth operation and floor preservation	■■■□□	■■■□□	■■■□□
Suitability for speeds > 4 km/h	■■□□□	■■■□□	■■■□□
Hydrolysis resistant	–	✔	–
For a description of the wheel, refer to	page 514	page 515	page 516

■■■■■ excellent ■■■■ very good ■■■ good ■■ satisfactory ■ adequate ✔ yes – no









FSTH	FPOB	FSVU	FPO
Polyurethane elastomer Blickle Extrathane®	Polyurethane-elastomer Blickle Besthane®	Polyurethane-elastomer Vulkollan®	Nylon
92 Shore A	92 Shore A	92 Shore A	70 Shore D
✔	✔	✔	✔
optional	–	–	optional
steel	nylon	steel	–
40–125 mm	80–125 mm	40–100 mm	25–125 mm
375 kg	375 kg	250 kg	530 kg
■■■■□	■■■■■	■■■■□	■■■■■
■■■□□	■■■□□	■■■□□	■■□□□
■■■■□	■■■■■	■■■■■	■■■□□
–	✔	–	–
page 517	page 518	page 519	page 520

Made of VULKOLLAN® VULKOLLAN® is a registered trademark of Covestro Group

FPU series

Guide rollers with thermoplastic polyurethane tread



15–100 kg

Tread and tyre hardness
98 Shore A

Smooth operation / floor preservation
good

Rolling resistance
very good

Wear resistance
very good

Tread:
- high-quality thermoplastic polyurethane (TPU), hardness 98 Shore A
- very low rolling resistance
- high abrasion resistance
- colour brown, non-marking, non-staining
- tread directly injected onto the ball bearing

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +35 °C
- load capacity specifications refer to obstacle-free applications

Additional details:
- wheel series: page 72
- tread: page 55
- bearing types: page 84–85
- chemical resistance: page 51

Guide rollers	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Ball bearing	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]
FPU 25x10/6-6K	25	10	15	626 2RS	6	6
FPU 30x8/6-6K	30	8	15	626 2RS	6	6
FPU 30x11/8-7K	30	11	25	608 2RS	8	7
FPU 35x11/8-7K	35	11	25	608 2RS	8	7
FPU 40x16/12-10K	40	16	40	6201 2RS	12	10
FPU 40x20/10-9K	40	20	55	6200 2RS	10	9
FPU 50x15/10-9K	50	15	45	6200 2RS	10	9
FPU 50x15/12-10K	50	15	45	6201 2RS	12	10
FPU 50x20/15-11K	50	20	65	6202 2RS	15	11
FPU 50x25/15-11K	50	25	80	6202 2RS	15	11
FPU 60x20/17-12K	60	20	80	6203 2RS	17	12
FPU 60x25/15-13K	60	25	100	6302 2RS	15	13
FPU 60x25/20-12K	60	25	100	6004 2RS	20	12

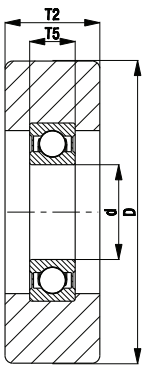
Other dimensions available upon request

13

Versions / options



	electrically conductive version, non-marking grey	with stainless steel ball bearing in the wheel hub
Technical description page	50	84
Product code suffix	**-ELS**	**-XK**
Available for	upon request	upon request



FPTH series

Guide rollers with thermoplastic polyurethane tread, with nylon wheel centre



110–290 kg

Tread and tyre hardness
92 Shore A

Smooth operation / floor preservation
good

Rolling resistance
very good

Wear resistance
very good

Tread:
- high-quality thermoplastic polyurethane (TPU), hardness 92 Shore A
- low rolling resistance
- high abrasion resistance
- **hydrolysis resistant**
- colour dark grey, non-marking, non-staining
- chemically-bonded inseparable connection with the wheel centre

Wheel centre:
- high-quality nylon 6, impact resistant
- colour silver grey

Other features:
- very high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +35 °C
- load capacity specifications refer to obstacle-free applications

Additional details:
- wheel series: page 72
- tread: page 55
- bearing types: page 84–85
- chemical resistance: page 51

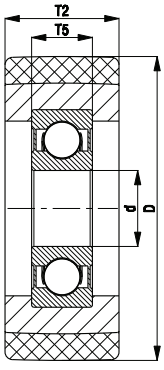
Guide rollers	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Ball bearing	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]
FPTH 60x20/17-12K	60	20	110	6203 2RS	17	12
FPTH 70x20/25-15K	70	20	130	6205 2RS	25	15
FPTH 70x25/20-14K	70	25	160	6204 2RS	20	14
FPTH 80x20/15-11K	80	20	150	6202 2RS	15	11
FPTH 80x20/17-14K	80	20	150	6303 2RS	17	14
FPTH 80x20/20-14K	80	20	150	6204 2RS	20	14
FPTH 80x25/25-12K	80	25	180	6005 2RS	25	12
FPTH 100x25/25-15K	100	25	230	6205 2RS	25	15
FPTH 125x25/25-15K	125	25	290	6205 2RS	25	15

Other dimensions available upon request

Versions / options



	electrically conductive version, non-marking grey	with stainless steel ball bearing in the wheel hub
Technical description page	50	84
Product code suffix	**-ELS**	**-XK**
Available for	upon request	upon request



13

FTH series

Guide rollers with Blickle Extrathane® polyurethane tread



25–150 kg

Tread and tyre hardness
92 Shore A

Smooth operation / floor preservation
good

Rolling resistance
very good

Wear resistance
excellent

Blickle Extrathane®

Tread:
- high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A
- low rolling resistance
- high abrasion resistance
- high cut and tear propagation resistance
- colour light brown, non-marking, non-staining
- tread cast directly onto the ball bearing
- excellent chemical connection

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C
- load capacity specifications refer to obstacle-free applications

Additional details:
- wheel series: page 73
- tread: page 55
- bearing types: page 84–85
- chemical resistance: page 51

Guide rollers	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Ball bearing	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]
FTH 30x8/6-6K	30	8	25	626 2RS	6	6
FTH 30x11/9-7K	30	11	30	609 2RS	9	7
FTH 30x14/5-12K	30	14	50	2 x 635 2RS	5	12
FTH 34x16/8-7K	34	16	35	608 2RS	8	7
FTH 35x14/12-8K	35	14	40	6001 2RS	12	8
FTH 36x13/10-9K	36	13	45	6200 2RS	10	9
FTH 40x15/10-8K	40	15	45	6000 2RS	10	8
FTH 40x20/10-9K	40	20	50	6200 2RS	10	9
FTH 45x17/15-11K	45	17	70	6202 2RS	15	11
FTH 50x15/10-9K	50	15	65	6200 2RS	10	9
FTH 50x15/12-12K	50	15	80	6301 2RS	12	12
FTH 50x18/15-11K	50	18	80	6202 2RS	15	11
FTH 52x15/12-12K	52	15	85	6301 2RS	12	12
FTH 60x20/17-12K	60	20	100	6203 2RS	17	12
FTH 61x30/17-12K	61	30	105	6203 2RS	17	12
FTH 62x15/20-12K	62	15	105	6004 2RS	20	12
FTH 70x20/25-15K	70	20	150	6205 2RS	25	15
FTH 75x23/20-14K	75	23	150	6204 2RS	20	14

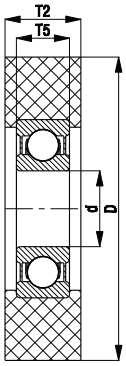
Other dimensions available upon request

13

Versions / options



	with stainless steel ball bearing in the wheel hub
Technical description page	84
Product code suffix	**-XK**
Available for	upon request



FSTH series

Guide rollers with Blickle Extrathane® polyurethane tread, with steel wheel centre



60–375 kg

Tread and tyre hardness
92 Shore A

Smooth operation / floor preservation
good

Rolling resistance
very good

Wear resistance
excellent

Blickle Extrathane®

Tread:
- high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A
- low rolling resistance
- high abrasion resistance
- high cut and tear propagation resistance
- colour light brown, non-marking, non-staining
- excellent chemical connection with the wheel centre

Wheel centre:
- steel

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C
- load capacity specifications refer to obstacle-free applications

Additional details:
- wheel series: page 73
- tread: page 55
- bearing types: page 84–85
- chemical resistance: page 51

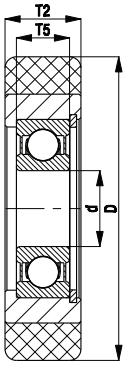
Guide rollers	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Ball bearing	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]
FSTH 40x13/10-8K	40	13	60	6000 2RS	10	8
FSTH 40x15/10-8K	40	15	70	6000 2RS	10	8
FSTH 40x20/10-8K	40	20	90	6000 2RS	10	8
FSTH 40x25/10-8K	40	25	115	6000 2RS	10	8
FSTH 50x15/10-8K	50	15	85	6000 2RS	10	8
FSTH 50x18/17-10K	50	18	100	6003 2RS	17	10
FSTH 50x25/12-10K	50	25	140	6201 2RS	12	10
FSTH 55x20/15-11K	55	20	125	6202 2RS	15	11
FSTH 60x20/15-13K	60	20	135	6302 2RS	15	13
FSTH 60x20/20-12K	60	20	135	6004 2RS	20	12
FSTH 60x25/20-12K	60	25	170	6004 2RS	20	12
FSTH 68x20/15-13K	68	20	155	6302 2RS	15	13
FSTH 70x20/20-12K	70	20	160	6004 2RS	20	12
FSTH 70x25/20-15K	70	25	200	6304 2RS	20	15
FSTH 70x25/25-15K	70	25	200	6205 2RS	25	15
FSTH 75x25/20-15K	75	25	215	6304 2RS	20	15
FSTH 75x25/25-15K	75	25	215	6205 2RS	25	15
FSTH 80x20/20-14K	80	20	180	6204 2RS	20	14
FSTH 80x25/20-15K	80	25	230	6304 2RS	20	15
FSTH 80x25/25-15K	80	25	230	6205 2RS	25	15
FSTH 90x25/20-15K	90	25	260	6304 2RS	20	15
FSTH 90x25/25-15K	90	25	260	6205 2RS	25	15
FSTH 100x25/20-15K	100	25	250	6304 2RS	20	15
FSTH 100x25/25-15K	100	25	250	6205 2RS	25	15
FSTH 110x25/25-15K	110	25	275	6205 2RS	25	15
FSTH 120x25/25-15K	120	25	300	6205 2RS	25	15
FSTH 125x25/25-15K	125	25	320	6205 2RS	25	15
FSTH 125x30/20-15K	125	30	375	6304 2RS	20	15
FSTH 125x30/25-15K	125	30	375	6205 2RS	25	15

Other dimensions available upon request

Versions / options



	with aluminium wheel centre	antistatic version, non-marking grey	other versions
Technical description page		50	
Product code suffix	**FALTH series**	**-AS**	
Available for	upon request	upon request	upon request



13

FPOB series

Guide rollers with Blickle Besthane® polyurethane tread, with nylon wheel centre



160–375 kg

Tread and tyre hardness
92 Shore A

Smooth operation / floor preservation
good

Rolling resistance
excellent

Wear resistance
excellent

Blickle Besthane®

Tread:
- high-quality polyurethane elastomer Blickle Besthane®, hardness 92 Shore A
- very low rolling resistance
- **high dynamic load capacity**
- high abrasion resistance
- high cut and tear propagation resistance
- **hydrolysis resistant**
- colour brown, non-marking, non-staining
- excellent chemical connection with the wheel centre

Wheel centre:
- high-quality nylon 6, impact resistant
- colour black

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, reduced load capacity over +35 °C
- load capacity specifications refer to obstacle-free applications

Additional details:
- wheel series: page 73
- tread: page 56
- bearing types: page 84–85
- chemical resistance: page 51

Guide rollers	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Ball bearing	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]
FPOB 80x20/20-14K	80	20	160	110	6204 2RS	20	14
FPOB 100x25/25-15K	100	25	250	170	6205 2RS	25	15
FPOB 125x30/25-15K	125	30	375	260	6205 2RS	25	15

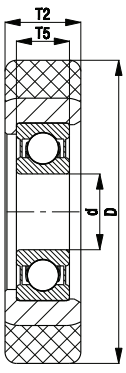
Other dimensions available upon request

13

Versions / options



	with stainless steel ball bearing in the wheel hub
Technical description page	84
Product code suffix	**-XK**
Available for	upon request



FSVU series

Guide rollers with Vulkollan® tread, with steel wheel centre



70–250 kg

Tread and tyre hardness
92 Shore A

Smooth operation / floor preservation
good

Rolling resistance
very good

Wear resistance
excellent

Made of VULKOLLAN®

Tread:
- high-quality polyurethane elastomer Vulkollan®, hardness 92 Shore A
- low rolling resistance
- **high dynamic load capacity**
- high abrasion resistance
- high cut and tear propagation resistance
- colour natural, non-marking, non-staining
- excellent chemical connection with the wheel centre

Wheel centre:
- steel

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C
- load capacity specifications refer to obstacle-free applications

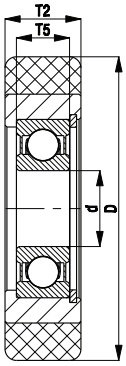
Additional details:
- wheel series: page 73
- tread: page 56
- bearing types: page 84–85
- chemical resistance: page 51

Guide rollers	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Ball bearing	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]
FSVU 40x15/10-8K	40	15	70	50	6000 2RS	10	8
FSVU 50x18/17-10K	50	18	100	70	6003 2RS	17	10
FSVU 60x20/20-12K	60	20	135	95	6004 2RS	20	12
FSVU 70x25/25-15K	70	25	200	140	6205 2RS	25	15
FSVU 80x25/25-15K	80	25	230	160	6205 2RS	25	15
FSVU 100x25/25-15K	100	25	250	175	6205 2RS	25	15

Versions / options



	with stainless steel ball bearing in the wheel hub
Technical description page	84
Product code suffix	**-XK**
Available for	upon request



13

VULKOLLAN® is a registered trademark of Covestro Group

FPO series

Guide rollers with nylon tread



40–530 kg

Tread and tyre hardness
70 Shore D

Smooth operation / floor preservation
satisfactory

Rolling resistance
excellent

Wear resistance
good

Tread:
- high-quality nylon 6, impact resistant, hardness 70 Shore D
- very low rolling resistance
- easy operation on smooth surfaces
- high abrasion resistance
- colour natural white
- tread directly injected onto the ball bearing

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +80 °C, reduced load capacity over +35 °C
- load capacity specifications refer to obstacle-free applications

Additional details:
- wheel series: page 74
- tread: page 57
- bearing types: page 84–85
- chemical resistance: page 51

Guide rollers	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Ball bearing	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]
FPO 25x10/6-6K	25	10	45	626 2RS	6	6
FPO 30x8/6-6K	30	8	40	626 2RS	6	6
FPO 30x11/8-7K	30	11	55	608 2RS	8	7
FPO 35x11/8-7K	35	11	65	608 2RS	8	7
FPO 40x16/12-10K	40	16	110	6201 2RS	12	10
FPO 40x20/10-9K	40	20	130	6200 2RS	10	9
FPO 50x15/10-9K	50	15	130	6200 2RS	10	9
FPO 50x15/12-10K	50	15	130	6201 2RS	12	10
FPO 50x20/15-11K	50	20	170	6202 2RS	15	11
FPO 50x25/15-11K	50	25	215	6202 2RS	15	11
FPO 60x20/17-12K	60	20	215	6203 2RS	17	12
FPO 60x25/15-13K	60	25	260	6302 2RS	15	13
FPO 60x25/20-12K	60	25	260	6004 2RS	20	12
FPO 70x20/25-15K	70	20	240	6205 2RS	25	15
FPO 70x25/20-14K	70	25	300	6204 2RS	20	14
FPO 80x20/15-11K	80	20	270	6202 2RS	15	11
FPO 80x20/17-14K	80	20	270	6303 2RS	17	14
FPO 80x20/20-14K	80	20	270	6204 2RS	20	14
FPO 80x25/25-12K	80	25	340	6005 2RS	25	12
FPO 100x25/25-15K	100	25	425	6205 2RS	25	15
FPO 125x25/25-15K	125	25	530	6205 2RS	25	15

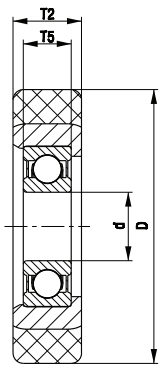
Other dimensions available upon request

13

Versions / options



	electrically conductive version, non-marking grey	with stainless steel ball bearing in the wheel hub
Technical description page	50	84
Product code suffix	**-ELS**	**-XK**
Available for	upon request	upon request





14

Flanged wheels and castors



14

Selection tool

Flanged wheels and castors







Series	SPKGSPO	SPK	SPKVS
Flange / double flange	Flange, single sided		
Tread / wheel centre	Cast nylon	Grey cast iron	Heat-treatable steel
Tread and tyre hardness	80 Shore D	180–220 HB	190–230 HB
Wheel Ø	50–250 mm	50–250 mm	50–400 mm
Load capacity up to	3,000 kg	3,500 kg	9,000 kg
Suitability for high speeds	■■□□□	■■■■□	■■■■■
Drive wheel available	upon request	–	✔ (see page 547)
For a description of the wheel, refer to	page 526	page 528	page 530
For information about fixed castors, refer to	page 527	page 529	page 531

■■■■■ excellent ■■■■ very good ■■■ good ■■ satisfactory ■ adequate ✔ yes – no





DSPKGSPO	DSPK
Double flange	
Cast nylon	Heat-treatable steel
80 Shore D	190–230 HB
50–200 mm	50–200 mm
700 kg	1,200 kg
■■□□□	■■■■■
upon request	upon request
page 532	page 534
page 533	page 535

SPKGSPO series

Cast nylon flanged wheels



220–3,000 kg

Tread and tyre hardness
80 Shore D

Smooth operation / floor preservation
satisfactory

Rolling resistance
excellent

Wear resistance
very good

Wheel:
- high-quality cast nylon, impact resistant, hardness 80 Shore D
- 3° taper tread to axle
- very low rolling resistance
- high abrasion resistance
- colour natural beige

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +80 °C, reduced load capacity over +35 °C
- the load capacities provided in the table refer to the allocation of flanged wheels to rail profiles in accordance with DIN 536 specified below (crane rail standard):
  SPKGSPO 50G–SPKGSPO 200K,
  SPKGSPO 250K: A45
  SPKGSPO 201K, SPKGSPO 251K: A55

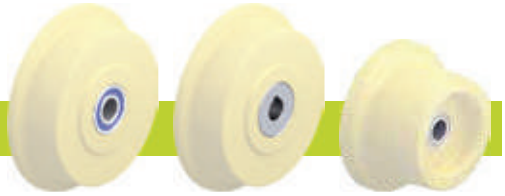
Additional details:
- wheel series: page 74
- tread: page 57
- bearing types: page 84–85
- chemical resistance: page 51

Flanged wheels	Wheel Ø without flange (D) [mm]	Wheel Ø incl. flange (D1) [mm]	Wheel width (T2) [mm]	Running width (T3) [mm]	Flange location (T4) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
SPKGSPO 50G	50	62	32	26	6	220	plain bore	15	32
SPKGSPO 50K	50	62	32	26	6	220	ball bearing	15	32
SPKGSPO 75G	75	100	40	30	13.5	380	plain bore	20	47
SPKGSPO 75K	75	100	40	30	13.5	380	ball bearing	20	47
SPKGSPO 100K	100	125	46	36	13	600	ball bearing	20	52
SPKGSPO 125K	125	145	46	36	13	750	ball bearing	20	52
SPKGSPO 150K	150	175	46	36	13	900	ball bearing	20	52
SPKGSPO 200K	200	230	53	38	20	1,300	ball bearing	25	60
SPKGSPO 201K	200	230	80	60	25	2,500	ball bearing	40	90
SPKGSPO 250K	250	300	65	50	17.5	2,100	ball bearing	30	70
SPKGSPO 251K	250	300	80	60	25	3,000	ball bearing	40	90

Other dimensions available upon request

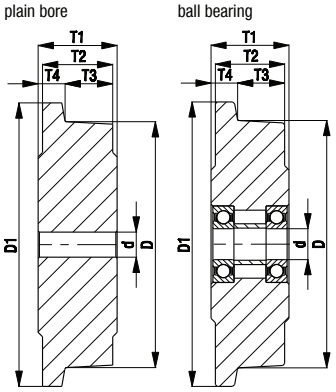
14

Versions / options



	with stainless steel ball bearing in the wheel hub	drive wheel with hub keyway	other versions
Technical description page	84		
Product code suffix	**-XK**	**SPKGSPON series**	
Available for	upon request*	upon request	upon request

* Some dimensions may result in reduced load capacities



BS-SPKGSPO series

Welded steel heavy-duty castors, with cast nylon flanged wheel

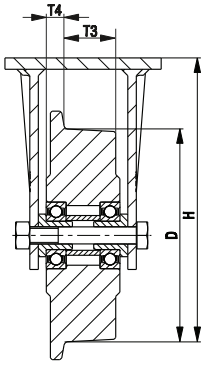
600–3,000 kg



Bracket: BS series
- particularly robust welded steel construction
- zinc-plated, yellow-passivated, Cr6-free

Wheel: SPKGSPO series
- high-quality cast nylon, impact resistant, hardness 80 Shore D, colour natural beige
- the load capacities provided in the table refer to the allocation of flanged wheels to rail profiles in accordance with DIN 536 specified below (crane rail standard):
  SPKGSPO 100K–SPKGSPO 200K,
  SPKGSPO 250K: A45
  SPKGSPO 201K, SPKGSPO 251K: A55

Additional details:
- wheel series: page 526
- bearing types: page 84–85



Fixed castors	Wheel Ø without flange (D) [mm]	Wheel Ø incl. flange [mm]	Wheel width [mm]	Running width (T3) [mm]	Flange location (T4) [mm]	Load capacity [kg]	Bearing type	Total height (H) [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]
BS-SPKGSPO 100K	100	125	46	36	13	600	ball bearing	157	140 x 110	105 x 75–80	11
BS-SPKGSPO 125K	125	145	46	36	13	750	ball bearing	170	140 x 110	105 x 75–80	11
BS-SPKGSPO 150K	150	175	46	36	13	900	ball bearing	200	140 x 110	105 x 75–80	11
BS-SPKGSPO 200K	200	230	53	38	20	1,300	ball bearing	245	140 x 110	105 x 75–80	11
BS-SPKGSPO 201K	200	230	80	60	25	2,500	ball bearing	245	175 x 140	140 x 105	14
BS-SPKGSPO 250K	250	300	65	50	17.5	2,100	ball bearing	305	175 x 140	140 x 105	14
BS-SPKGSPO 251K	250	300	80	60	25	3,000	ball bearing	305	200 x 160	160 x 120	14

Blickle®

SPK series

Cast iron flanged wheels



400–3,500 kg

Tread and tyre hardness
180–220 HB

Smooth operation / floor preservation
sufficient

Rolling resistance
excellent

Wear resistance
excellent

Wheel:
- rugged grey cast iron, hardness 180–220 HB
- with grease nipple from wheel Ø 125 mm
- machined flange and tread
- 3° taper tread to axle
- extremely low rolling resistance
- outstanding wear resistance
- lacquered, colour silver

Other features:
- chemical resistance to many aggressive substances
- operating temperature:
  plain bore version: -100 °C to +600 °C, load capacity reduced by 50% at +600 °C
  ball bearing version: -20 °C to +120 °C
  heat-resistant ball bearing version: -30 °C to +300 °C, load capacity reduced by 50% at +300 °C
- provide adequate lubrication on a regular basis for plain bore version
- the load capacities provided in the table refer to the allocation of flanged wheels to rail profiles in accordance with DIN 536 specified below (crane rail standard):
  SPK 50G–SPK 200K, SPK 250G, SPK 250K: A45
  SPK 201K, SPK 251K: A55

Additional details:
- wheel series: page 74
- tread: page 59
- bearing types: page 84–85
- chemical resistance: page 51

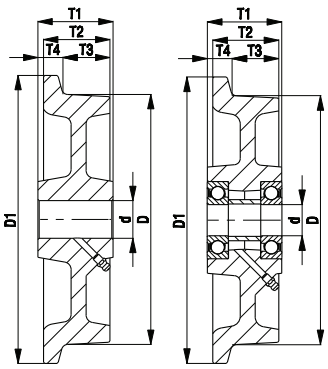
Flanged wheels	Wheel Ø without flange (D) [mm]	Wheel Ø incl. flange (D1) [mm]	Wheel width (T2) [mm]	Running width (T3) [mm]	Flange location (T4) [mm]	Load capacity up to +70 °C [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
SPK 50G	50	62	32	26	6	400	plain bore	15	32
SPK 75G	75	100	40	30	13.5	700	plain bore	20	47
SPK 75K	75	100	40	30	13.5	700	ball bearing	20	47
SPK 100G	100	125	46	36	13	800	plain bore	20	52
SPK 100K	100	125	46	36	13	800	ball bearing	20	52
SPK 125G	125	145	46	36	13	900	plain bore	20	52
SPK 125K	125	145	46	36	13	900	ball bearing	20	52
SPK 150G	150	175	46	36	13	1,000	plain bore	20	52
SPK 150K	150	175	46	36	13	1,000	ball bearing	20	52
SPK 180G	180	210	46	36	13	1,200	plain bore	30	52
SPK 180K	180	210	46	36	13	1,200	ball bearing	20	52
SPK 200G	200	230	53	38	20	1,500	plain bore	30	60
SPK 200K	200	230	53	38	10	1,500	ball bearing	25	60
SPK 201K	200	230	80	60	20	3,000	ball bearing	40	90
SPK 250G	250	300	65	50	17.5	2,500	plain bore	40	70
SPK 250K	250	300	65	50	17.5	2,500	ball bearing	30	70
SPK 251K	250	300	80	60	25	3,500	ball bearing	40	90

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Versions / options



	with heat-resistant ball bearing up to +300 °C
Technical description page	84
Product code suffix	**-IK**
Available for	ball bearing versions upon request



BS-SPK series

Welded steel heavy-duty castors, with cast iron flanged wheel

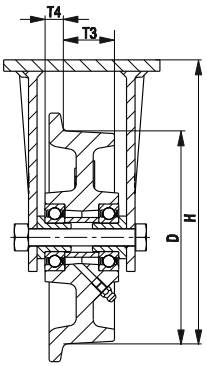
800–3,500 kg



Bracket: BS series
- particularly robust welded steel construction
- zinc-plated, yellow-passivated, Cr6-free

Wheel: SPK series
- rugged grey cast iron, hardness 180–220 HB, with grease nipple from wheel Ø 125 mm, lacquered, colour silver
- the load capacities provided in the table refer to the allocation of flanged wheels to rail profiles in accordance with DIN 536 specified below (crane rail standard):
  SPK 100K–SPK 200K, SPK 250K: A45
  SPK 201K, SPK 251K: A55

Additional details:
- wheel series: page 528
- bearing types: page 84–85



Fixed castors	Wheel Ø without flange (D) [mm]	Wheel Ø incl. flange [mm]	Wheel width [mm]	Running width (T3) [mm]	Flange location (T4) [mm]	Load capacity [kg]	Bearing type	Total height (H) [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]
BS-SPK 100K	100	125	46	36	13	800	ball bearing	157	140 x 110	105 x 75–80	11
BS-SPK 125K	125	145	46	36	13	900	ball bearing	170	140 x 110	105 x 75–80	11
BS-SPK 150K	150	175	46	36	13	1,000	ball bearing	200	140 x 110	105 x 75–80	11
BS-SPK 200K	200	230	53	38	10	1,500	ball bearing	245	140 x 110	105 x 75–80	11
BS-SPK 201K	200	230	80	60	20	3,000	ball bearing	245	175 x 140	140 x 105	14
BS-SPK 250K	250	300	65	50	17.5	2,500	ball bearing	305	175 x 140	140 x 105	14
BS-SPK 251K	250	300	80	60	25	3,500	ball bearing	305	200 x 160	160 x 120	14

Versions / options



	with heat-resistant ball bearing up to +300 °C
Technical description page	84
Product code suffix	**-IK**
Available for	upon request*

* Load capacity see page 528

SPKVS series

Solid steel flanged wheels



500–9,000 kg

Tread and tyre hardness
190–230 HB

Smooth operation / floor preservation
sufficient

Rolling resistance
excellent

Wear resistance
excellent

Wheel:
- heat-treatable steel, machined, hardness 190–230 HB
- lightly-oiled surface
- 3° taper tread to axle
- extremely low rolling resistance
- extremely high static and dynamic load capacity

Other features:
- chemical resistance to many aggressive substances
- operating temperature:
  ball bearing version: -20 °C to +120 °C
  heat-resistant ball bearing version: -30 °C to +300 °C, load capacity reduced by 50% at +300 °C
- the load capacities provided in the table refer to the allocation of flanged wheels to rail profiles in accordance with DIN 536 specified below (crane rail standard):
  SPKVS 50K–SPKVS 200K: A45
  SPKVS 250K: A55
  SPKVS 300K–SPKVS 400K: A65

Additional details:
- wheel series: page 74
- tread: page 59
- bearing types: page 84–85
- chemical resistance: page 51

Flanged wheels	Wheel Ø without flange (D) [mm]	Wheel Ø incl. flange (D1) [mm]	Wheel width (T2) [mm]	Running width (T3) [mm]	Flange location (T4) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
SPKVS 50K	50	62	40	30	10	500	ball bearing	15	40
SPKVS 75K	75	100	40	30	10	800	ball bearing	20	40
SPKVS 100K	100	125	50	40	15	1,200	ball bearing	25	50
SPKVS 125K	125	150	50	40	15	1,500	ball bearing	25	50
SPKVS 150K	150	180	60	48	18	2,000	ball bearing	30	60
SPKVS 200K	200	240	60	48	18	2,500	ball bearing	35	60
SPKVS 250K	250	290	75	60	22.5	4,000	ball bearing	45	75
SPKVS 300K	300	345	90	72	27	7,000	ball bearing	60	90
SPKVS 400K	400	445	90	72	27	9,000	ball bearing	80	90

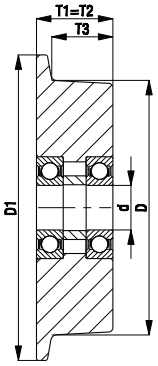
Other dimensions available upon request

14

Versions / options



	with heat-resistant ball bearing up to +300 °C	with spherical roller bearing	drive wheels with hub keyway	other versions
Technical description page	84	85	76	
Product code suffix	**-IK**	**-PR**	**SPKVSN series**	
Available for	upon request	upon request	see page 547	upon request



BS-SPKVS series

Welded steel heavy-duty castors, with solid steel flanged wheel

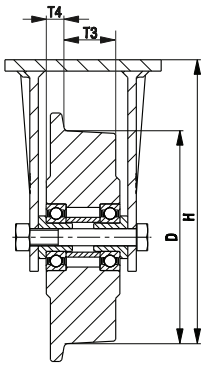
1,200–9,000 kg



Bracket: BS series
- particularly robust welded steel construction
- zinc-plated, yellow-passivated, Cr6-free

Wheel: SPKVS series
- heat-treatable steel, hardness 190–230 HB
- the load capacities provided in the table refer to the allocation of flanged wheels to rail profiles in accordance with DIN 536 specified below (crane rail standard):
  SPKVS 100K–SPKVS 200K: A45
  SPKVS 250K: A55
  SPKVS 300K–SPKVS 400K: A65

Additional details:
- wheel series: page 530
- bearing types: page 84–85



Fixed castors	Wheel Ø without flange (D) [mm]	Wheel Ø incl. flange [mm]	Wheel width [mm]	Running width (T3) [mm]	Flange location (T4) [mm]	Load capacity [kg]	Bearing type	Total height (H) [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]
BS-SPKVS 100K	100	125	50	40	15	1,200	ball bearing	157	140 x 110	105 x 75–80	11
BS-SPKVS 125K	125	150	50	40	15	1,500	ball bearing	170	140 x 110	105 x 75–80	11
BS-SPKVS 150K	150	180	60	48	18	1,750	ball bearing	200	140 x 110	105 x 75–80	11
BS-SPKVS 200K	200	240	60	48	18	2,500	ball bearing	245	140 x 110	105 x 75–80	11
BS-SPKVS 250K	250	290	75	60	22.5	4,000	ball bearing	305	175 x 140	140 x 105	14
BS-SPKVS 300K	300	345	90	72	27	6,000	ball bearing	380	255 x 200	210 x 160	18
BS-SPKVS 400K	400	445	90	72	27	9,000	ball bearing	480	400 x 300	340 x 240	26

DSPKGSPO series

Twin cast nylon flanged wheels



50–700 kg

Tread and tyre hardness
80 Shore D

Smooth operation / floor preservation
satisfactory

Rolling resistance
excellent

Wear resistance
very good

Wheel:
- high-quality cast nylon, impact resistant, hardness 80 Shore D
- V-shaped tread (for angular steel)
- very low rolling resistance
- high abrasion resistance
- colour natural beige

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +80 °C, reduced load capacity over +35 °C
- consider the surface pressure on sensitive floors due to high point loads

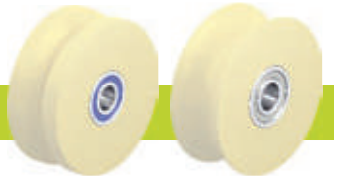
Additional details:
- wheel series: page 75
- tread: page 57
- bearing types: page 84–85
- chemical resistance: page 51

Twin flanged wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Insertion width (B) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
DSPKGSPO 50G	50	18	12	50	plain bore	10	18
DSPKGSPO 50K	50	18	12	50	ball bearing	10	18
DSPKGSPO 75G	75	22	16	75	plain bore	12	22
DSPKGSPO 75K	75	22	16	75	ball bearing	12	22
DSPKGSPO 75/15K	75	22	16	75	ball bearing	15	22
DSPKGSPO 100K	100	24	18	150	ball bearing	15	24
DSPKGSPO 101K *	100	40	20	400	ball bearing	15	40
DSPKGSPO 120K	120	33	25	200	ball bearing	20	33
DSPKGSPO 125K *	125	50	25	700	ball bearing	20	50
DSPKGSPO 150K	150	33	25	400	ball bearing	20	33
DSPKGSPO 200K	200	33	25	500	ball bearing	20	33

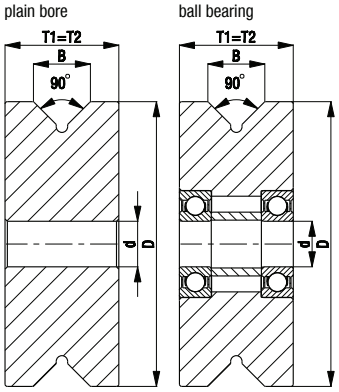
* Wheels with wide tread that can also run outside of the rails.

Other dimensions available upon request

Versions / options



	with stainless steel ball bearing in the wheel hub	other versions
Technical description page	84	
Product code suffix	**-XK**	
Available for	upon request	upon request



BH-DSPKGSPO series

Pressed steel castors, heavy-duty brackets, with cast nylon double flanged wheel

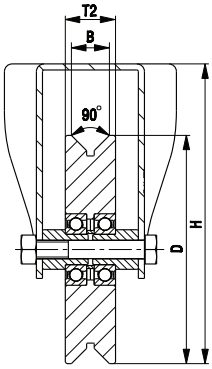
75–700 kg



Bracket: BH series
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- heavy fork and top plate

Wheel: DSPKGSPO series
- high-quality cast nylon, impact resistant, hardness 80 Shore D, colour natural beige

Additional details:
- wheel series: page 532
- bearing types: page 84–85



Fixed castors	Wheel Ø without flange (D) [mm]	Wheel width (T2) [mm]	Insertion width (B) [mm]	Load capacity [kg]	Bearing type	Total height (H) [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]
BH-DSPKGSPO 75K	75	22	16	75	ball bearing	118	100 x 85	80 x 60	9
BH-DSPKGSPO 100K-1	100	24	18	150	ball bearing	140	100 x 85	80 x 60	9
BH-DSPKGSPO 100K-3	100	24	18	150	ball bearing	140	140 x 110	105 x 75–80	11
BH-DSPKGSPO 101K-1 *	100	40	20	400	ball bearing	140	100 x 85	80 x 60	9
BH-DSPKGSPO 101K-3 *	100	40	20	400	ball bearing	140	140 x 110	105 x 75–80	11
BH-DSPKGSPO 120K-1	120	33	25	200	ball bearing	162	100 x 85	80 x 60	9
BH-DSPKGSPO 120K-3	120	33	25	200	ball bearing	162	140 x 110	105 x 75–80	11
BH-DSPKGSPO 125K *	125	50	25	700	ball bearing	170	140 x 110	105 x 75–80	11
BH-DSPKGSPO 150K	150	33	25	400	ball bearing	197	140 x 110	105 x 75–80	11
BH-DSPKGSPO 200K	200	33	25	500	ball bearing	245	140 x 110	105 x 75–80	11

* Wheels with wide tread that can also run outside of the rails.

Blickle®

DSPK series

Twin solid steel flanged wheels



120–1,200 kg

Tread and tyre hardness
190–230 HB

Smooth operation / floor preservation
sufficient

Rolling resistance
excellent

Wear resistance
excellent

Wheel:
- heat-treatable steel, machined, hardness 190–230 HB
- lightly-oiled surface
- V-shaped tread (for angular steel)
- extremely low rolling resistance
- outstanding wear resistance
- extremely high static and dynamic load capacity

Other features:
- chemical resistance to many aggressive substances
- operating temperature: -20 °C to +120 °C
- consider the surface pressure on sensitive floors due to high point loads

Additional details:
- wheel series: page 75
- tread: page 59
- bearing types: page 84–85
- chemical resistance: page 51

Twin flanged wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Insertion width (B) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
DSPK 50K	50	18	12	120	ball bearing	10	18
DSPK 75K	75	22	16	250	ball bearing	12	22
DSPK 75/15K	75	22	16	250	ball bearing	15	22
DSPK 100K	100	24	18	300	ball bearing	15	24
DSPK 101K *	100	40	20	600	ball bearing	15	40
DSPK 120K	120	33	25	600	ball bearing	20	33
DSPK 125K *	125	50	25	1,200	ball bearing	20	50
DSPK 150K	150	33	25	800	ball bearing	20	33
DSPK 200K	200	33	25	1,000	ball bearing	20	33

* Wheels with wide tread that can also run outside of the rails.

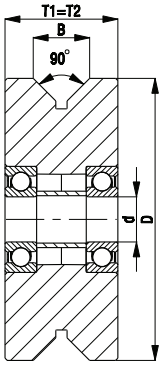
Other dimensions available upon request

14

Versions / options



	other versions
Technical description page	
Product code suffix	
Available for	upon request



BH-DSPK series

Pressed steel castors, heavy-duty brackets, with solid steel double flanged wheel

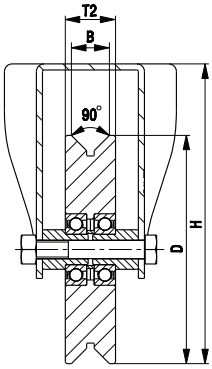
250–900 kg



Bracket: BH series
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- heavy fork and top plate

Wheel: DSPK series
- heat-treatable steel, hardness 190–230 HB

Additional details:
- wheel series: page 534
- bearing types: page 84–85



Fixed castors	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Insertion width (B) [mm]	Load capacity [kg]	Bearing type	Total height (H) [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]
BH-DSPK 75K	75	22	16	250	ball bearing	118	100 x 85	80 x 60	9
BH-DSPK 100K-1	100	24	18	300	ball bearing	140	100 x 85	80 x 60	9
BH-DSPK 100K-3	100	24	18	300	ball bearing	140	140 x 110	105 x 75–80	11
BH-DSPK 101K-1 *	100	40	20	600	ball bearing	140	100 x 85	80 x 60	9
BH-DSPK 101K-3 *	100	40	20	600	ball bearing	140	140 x 110	105 x 75–80	11
BH-DSPK 120K-1	120	33	25	600	ball bearing	162	100 x 85	80 x 60	9
BH-DSPK 120K-3	120	33	25	600	ball bearing	162	140 x 110	105 x 75–80	11
BH-DSPK 125K *	125	50	25	900	ball bearing	170	140 x 110	105 x 75–80	11
BH-DSPK 150K	150	33	25	800	ball bearing	197	140 x 110	105 x 75–80	11
BH-DSPK 200K	200	33	25	900	ball bearing	245	140 x 110	105 x 75–80	11

* Wheels with wide tread that can also run outside of the rails.



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Drive wheels, hub fitting wheels and basic wheels



Selection tool

Drive wheels, hub fitting wheels and basic wheels








Series	GEVN	GTHN	GSTN	GBN	GVUN	SPKVSN
Category	Drive wheel					
Tread / tyre	Elastic solid rubber, drive quality	Polyurethane-elastomer Blickle Extrathane®	Polyurethane-elastomer Blickle Softhane®	Polyurethane-elastomer Blickle Besthane®	Vulkollan®	Heat-treatable steel
Tread and tyre hardness	65 Shore A	92 Shore A	75 Shore A	92 Shore A	92 Shore A	190–230 HB
Non-marking	–	✔	✔	✔	✔	✔
Electrical conductivity	–	optional	optional	optional	–	✔
Wheel centre / rim	grey cast iron	grey cast iron	grey cast iron	grey cast iron	grey cast iron	heat-treatable steel
Wheel Ø	160–620 mm	75–1,000 mm	75–500 mm	100–1,000 mm	100–400 mm	200–300 mm
Load capacity up to	4,540 kg	25,000 kg	4,200 kg	25,000 kg	3,400 kg	7,000 kg
Speeds up to	16 km/h	10 km/h	10 km/h	16 km/h	16 km/h	4 km/h
Coefficient of friction μ (on smooth dry concrete)	> 0.6	> 0.25	> 0.3	> 0.25	> 0.25	> 0.15*
Rolling resistance	■■■□□	■■■■□	■■■■□	■■■■■	■■■■□	■■■■■
Smooth operation and floor preservation	■■■■□	■■■□□	■■■■□	■■■□□	■■■□□	■□□□□
For a description of the wheel, refer to	page 540	page 541–542	page 543	page 544–545	page 546	page 547

■■■■■ excellent ■■■■ very good ■■■ good ■■ satisfactory ■ adequate ✔ yes – no

* On smooth steel surface

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PA	VLEA	GEVA	GSTA	GBA	VSVU
Hub fitting wheel					Basic wheel
Pneumatic tyre 2–10 ply rating	Super elastic solid rubber *	Elastic solid rubber, smooth rolling quality	Polyurethane-elastomer Blickle Softhane®	Polyurethane-elastomer Blickle Besthane®	Polyurethane elastomer Vulkollan®
60 Shore A	70 Shore A	65 Shore A	75 Shore A	92 Shore A	92 Shore A
–	optional	–	✔	✔	✔
–	optional	–	optional	–	–
pressed steel	heavy pressed steel	grey cast iron	grey cast iron	grey cast iron	heat-treatable steel
400–536 mm	405–525 mm	250–620 mm	200–400 mm	200–400 mm	125–300 mm
1,300 kg	1,885 kg	4,540 kg	2,500 kg	3,400 kg	2,400 kg
25 km/h	25 km/h	16 km/h	10 km/h	16 km/h	16 km/h
> 0.6	> 0.6	> 0.6	> 0.3	> 0.25	> 0.25
■■■□□	■■■□□	■■■■□	■■■■□	■■■■■	■■■■□
■■■■■	■■■■□	■■■■□	■■■■□	■■■□□	■■■□□
page 548	page 549	page 550	page 551	page 552	page 553

* 3-component tyres

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GEVN series

Heavy-duty drive wheels with hub keyway, with elastic solid rubber tyres, with cast iron wheel centre



300–4,540 kg

Tread and tyre hardness
65 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
good

Wear resistance
satisfactory

Tyre:
- high-quality elastic solid rubber in drive-quality, hardness 65 Shore A
- with steel-band
- very good operational comfort
- very good floor preservation, low-noise operation
- colour black
- wheel Ø 400 and 500 mm: high-quality elastic solid rubber in smooth rolling quality, steel-wire reinforced, hardness 65 Shore A, low rolling resistance

Wheel centre:
- rugged grey cast iron
- axle bore and hub keyway in accordance with DIN 6885
- lacquered, colour anthracite

Other features:
- chemical resistance to many aggressive substances, except oils
- operating temperature: -30 °C to +80 °C, temporarily up to +100 °C, reduced load capacity over +60 °C

Additional details:
- wheel series: page 75
- tread: page 53
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Load capacity at 16 km/h [kg]	Axle bore Ø (d) [mm]	Hub keyway width (B) [mm]	Hub keyway height (H) [mm]	Hub length (T1) [mm]
GEVN 160/25H7	160	50	300	200	–	25 H7	8 JS9	28.3	60
GEVN 200/25H7	200	50	420	280	–	25 H7	8 JS9	28.3	60
GEVN 200/30H7	200	50	420	280	–	30 H7	8 JS9	33.3	60
GEVN 250/30H7	250	60	630	420	320	30 H7	8 JS9	33.3	60
GEVN 250/40H7	250	60	630	420	320	40 H7	12 JS9	43.3	60
GEVN 252/40H7	250	80	810	540	410	40 H7	12 JS9	43.3	80
GEVN 302/35H7	300	90	1,080	720	540	35 H7	10 JS9	38.3	90
GEVN 360/35H7	360	60	900	600	450	35 H7	10 JS9	38.3	60
GEVN 362/40H7	360	75	1,140	760	570	40 H7	12 JS9	43.3	75
GEVN 400/40H7	400	75	1,080	720	540	40 H7	12 JS9	43.3	75
GEVN 405/50H7	405	130	1,800	1,200	900	50 H7	14 JS9	53.8	130
GEVN 415/50H7	415	75	1,200	800	600	50 H7	14 JS9	53.8	75
GEVN 425/60H7	425	150	2,290	1,570	1,430	60 H7	18 JS9	64.4	150
GEVN 500/40H7	500	85	1,560	1,050	780	40 H7	12 JS9	43.3	90
GEVN 520/50H7	520	100	1,830	1,225	920	50 H7	14 JS9	53.8	100
GEVN 610/80H7	610	150	2,700	1,800	1,350	80 H7	22 JS9	85.4	150
GEVN 620/80H7	620	200	4,540	3,105	2,835	80 H7	22 JS9	85.4	200

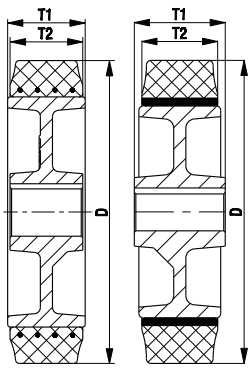
Other dimensions available upon request

Versions / options

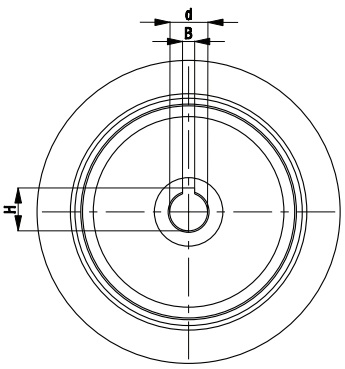


	with pressed-on steel band in friction wheel quality
Technical description page	
Product code suffix	**-STR**
Available for	upon request

steel-wire reinforced



with steel-band



GTHN series, wheel Ø 75–200 mm

Heavy-duty drive wheels with hub keyway with Blickle Extrathane® polyurethane tread, with cast iron wheel centre



300–1,400 kg

Tread and tyre hardness
92 Shore A

Smooth operation / floor preservation
good

Rolling resistance
very good

Wear resistance
excellent

Blickle Extrathane®

Tread:
- high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A
- low rolling resistance
- high abrasion resistance
- high cut and tear propagation resistance
- colour light brown, non-marking, non-staining
- excellent chemical connection with the wheel centre

Wheel centre:
- rugged grey cast iron
- axle bore and hub keyway in accordance with DIN 6885
- lacquered, colour silver

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -30 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

Additional details:
- wheel series: page 75
- tread: page 55
- chemical resistance: page 51

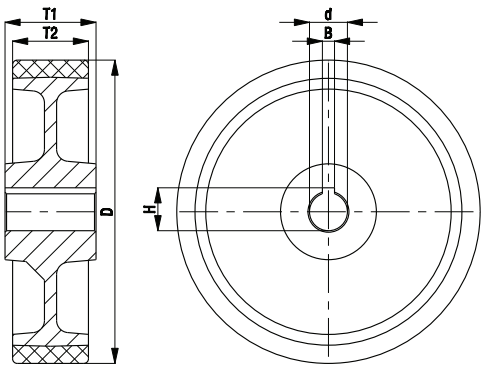
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Axle bore Ø (d) [mm]	Hub keyway width (B) [mm]	Hub keyway height (H) [mm]	Hub length (T1) [mm]
GTHN 75/20H7	75	40	300	–	20 H7	6 JS9	22.8	40
GTHN 100/20H7	100	40	400	–	20 H7	6 JS9	22.8	40
GTHN 100/25H7	100	40	400	–	25 H7	8 JS9	28.3	40
GTHN 125/20H7	125	40	450	–	20 H7	8 JS9	22.8	40
GTHN 125/25H7	125	40	450	–	25 H7	8 JS9	28.3	40
GTHN 127/25H7	125	50	650	320	25 H7	8 JS9	28.3	60
GTHN 127/30H7	125	50	650	320	30 H7	8 JS9	33.3	60
GTHN 140/25H7	140	50	670	330	25 H7	8 JS9	28.3	60
GTHN 140/30H7	140	50	670	330	30 H7	8 JS9	33.3	60
GTHN 150/25H7	150	50	700	350	25 H7	8 JS9	28.3	60
GTHN 150/30H7	150	50	700	350	30 H7	8 JS9	33.3	60
GTHN 150/35H7	150	50	700	350	35 H7	10 JS9	38.3	60
GTHN 160/25H7	160	50	700	350	25 H7	8 JS9	28.3	60
GTHN 160/30H7	160	50	700	350	30 H7	8 JS9	33.3	60
GTHN 180/25H7	180	50	850	420	25 H7	8 JS9	28.3	60
GTHN 180/30H7	180	50	850	420	30 H7	8 JS9	33.3	60
GTHN 180/35H7	180	50	850	420	35 H7	10 JS9	38.3	60
GTHN 200/25H7	200	50	900	450	25 H7	8 JS9	28.3	60
GTHN 200/30H7	200	50	900	450	30 H7	8 JS9	33.3	60
GTHN 200/35H7	200	50	900	450	35 H7	10 JS9	38.3	60
GTHN 200/40H7	200	50	900	450	40 H7	12 JS9	43.3	60
GTHN 202/35H7	200	80	1,400	700	35 H7	10 JS9	38.3	80
GTHN 202/40H7	200	80	1,400	700	40 H7	12 JS9	43.3	80
GTHN 202/50H7	200	80	1,400	700	50 H7	14 JS9	53.8	80

For other dimensions, please refer to the next page

Versions / options



	antistatic version, non-marking grey
Technical description page	50
Product code suffix	**-AS**
Available for	upon request



GTHN series, wheel Ø 250–1,000 mm

Heavy-duty drive wheels with hub keyway with Blickle Extrathane® polyurethane tread, with cast iron wheel centre



1,100–25,000 kg

Tread and tyre hardness
92 Shore A

Smooth operation / floor preservation
good

Rolling resistance
very good

Wear resistance
excellent

Blickle Extrathane®

Tread:
- high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A
- low rolling resistance
- high abrasion resistance
- high cut and tear propagation resistance
- colour light brown, non-marking, non-staining
- excellent chemical connection with the wheel centre

Wheel centre:
- rugged grey cast iron
- axle bore and hub keyway in accordance with DIN 6885
- lacquered, colour silver

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -30 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

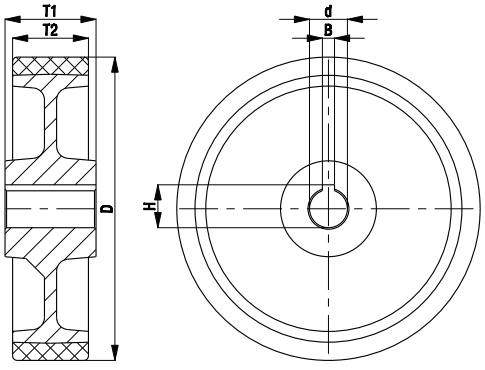
Additional details:
- wheel series: page 75
- tread: page 55
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Axle bore Ø (d) [mm]	Hub keyway width (B) [mm]	Hub keyway height (H) [mm]	Hub length (T1) [mm]
GTHN 251/30H7	250	50	1,100	550	30 H7	8 JS9	33.3	60
GTHN 251/40H7	250	50	1,100	550	40 H7	12 JS9	43.3	60
GTHN 252/40H7	250	80	1,800	900	40 H7	12 JS9	43.3	80
GTHN 252/50H7	250	80	1,800	900	50 H7	14 JS9	53.8	80
GTHN 253/40H7	250	100	2,300	1,150	40 H7	12 JS9	43.3	100
GTHN 253/50H7	250	100	2,300	1,150	50 H7	14 JS9	53.8	100
GTHN 300/40H7	300	60	1,500	750	40 H7	12 JS9	43.3	60
GTHN 300/50H7	300	60	1,500	750	50 H7	14 JS9	53.8	60
GTHN 302/40H7	300	80	2,100	1,050	40 H7	12 JS9	43.3	80
GTHN 302/50H7	300	80	2,100	1,050	50 H7	14 JS9	53.8	80
GTHN 304/40H7	300	100	2,700	1,350	40 H7	12 JS9	43.3	100
GTHN 304/50H7	300	100	2,700	1,350	50 H7	14 JS9	53.8	100
GTHN 304/60H7	300	100	2,700	1,350	60 H7	18 JS9	64.4	100
GTHN 362/40H7	360	75	2,200	1,100	40 H7	12 JS9	43.3	75
GTHN 362/50H7	360	75	2,200	1,100	50 H7	14 JS9	53.8	75
GTHN 362/60H7	360	75	2,200	1,100	60 H7	18 JS9	64.4	75
GTHN 402/50H7	400	80	2,800	1,400	50 H7	14 JS9	53.8	80
GTHN 402/60H7	400	80	2,800	1,400	60 H7	18 JS9	64.4	80
GTHN 404/60H7	400	100	3,400	1,700	60 H7	18 JS9	64.4	100
GTHN 404/70H7	400	100	3,400	1,700	70 H7	20 JS9	74.9	100
GTHN 406/70H7	400	125	4,500	2,250	70 H7	20 JS9	74.9	125
GTHN 406/80H7	400	125	4,500	2,250	80 H7	22 JS9	85.4	125
GTHN 500/80H7	500	100	4,500	2,250	80 H7	22 JS9	85.4	100
GTHN 504/100H7	500	150	6,700	3,350	100 H7	28 JS9	106.4	150
GTHN 506/120H7	500	200	9,000	4,500	120 H7	32 JS9	127.4	200
GTHN 602/120H7	600	150	8,000	4,000	120 H7	32 JS9	127.4	150
GTHN 604/120H7	600	200	10,000	5,000	120 H7	32 JS9	127.4	200
GTHN 750/150H7	750	200	12,500	6,250	150 H7	36 JS9	158.4	200
GTHN 1000/250H7	1,000	300	25,000	12,500	250 H7	56 JS9	262.4	300

Versions / options



	antistatic version, non-marking grey
Technical description page	50
Product code suffix	**-AS**
Available for	upon request



GSTN series

Heavy-duty drive wheels with hub keyway with Blickle Softhane® polyurethane tread, with cast iron wheel centre



200–4,200 kg

Tread and tyre hardness
75 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
very good

Wear resistance
very good

Blickle Softhane®

Tread:
- high-quality polyurethane elastomer Blickle Softhane®, hardness 75 Shore A
- extra-thick elastic tread for excellent operational comfort
- very good floor preservation, low-noise operation
- low rolling resistance
- high abrasion resistance
- high cut and tear propagation resistance
- colour green, non-marking, non-staining
- excellent chemical connection with the wheel centre

Wheel centre:
- rugged grey cast iron
- axle bore and hub keyway in accordance with DIN 6885
- lacquered, colour silver

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -30 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

Additional details:
- wheel series: page 76
- tread: page 55
- chemical resistance: page 51

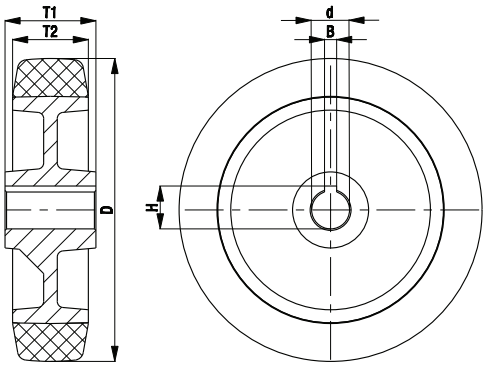
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Axle bore Ø (d) [mm]	Hub keyway width (B) [mm]	Hub keyway height (H) [mm]	Hub length (T1) [mm]
GSTN 75/20H7	75	40	200	–	20 H7	6 JS9	22.8	40
GSTN 100/20H7	100	40	250	–	20 H7	6 JS9	22.8	40
GSTN 100/25H7	100	40	250	–	25 H7	8 JS9	28.3	40
GSTN 127/25H7	125	50	400	160	25 H7	8 JS9	28.3	60
GSTN 150/25H7	150	50	500	200	25 H7	8 JS9	28.3	60
GSTN 150/30H7	150	50	500	200	30 H7	8 JS9	33.3	60
GSTN 160/25H7	160	50	550	220	25 H7	8 JS9	28.3	60
GSTN 160/30H7	160	50	550	220	30 H7	8 JS9	33.3	60
GSTN 200/25H7	200	50	700	280	25 H7	8 JS9	28.3	60
GSTN 200/30H7	200	50	700	280	30 H7	8 JS9	33.3	60
GSTN 202/35H7	200	80	1,000	400	35 H7	10 JS9	38.3	80
GSTN 251/30H7	250	50	700	280	30 H7	8 JS9	33.3	60
GSTN 252/40H7	250	80	1,100	440	40 H7	12 JS9	43.3	80
GSTN 302/40H7	300	80	1,600	640	40 H7	12 JS9	43.3	80
GSTN 304/50H7	300	100	2,100	840	50 H7	14 JS9	53.8	100
GSTN 362/50H7	360	75	1,700	680	50 H7	14 JS9	53.8	75
GSTN 402/50H7	400	80	2,100	840	50 H7	14 JS9	53.8	80
GSTN 502/70H7	500	125	4,200	1,650	70 H7	20 JS9	74.9	125

Other dimensions available upon request

Versions / options



	antistatic version, non-marking grey
Technical description page	50
Product code suffix	**-AS**
Available for	upon request



GBN series, wheel Ø 100–250 mm

Heavy-duty drive wheels with hub keyway with Blickle Besthane® polyurethane tread, with cast iron wheel centre



400–2,300 kg

Tread and tyre hardness
92 Shore A

Smooth operation / floor preservation
good

Rolling resistance
excellent

Wear resistance
excellent

Blickle Besthane®

Tread:
- high-quality polyurethane elastomer Blickle Besthane®, hardness 92 Shore A
- very low rolling resistance
- **high dynamic load capacity**
- high abrasion resistance
- high cut and tear propagation resistance
- colour brown, non-marking, non-staining
- excellent chemical connection with the wheel centre

Wheel centre:
- rugged grey cast iron
- axle bore and hub keyway in accordance with DIN 6885
- lacquered, colour silver

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -30 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

Additional details:
- wheel series: page 76
- tread: page 56
- chemical resistance: page 51

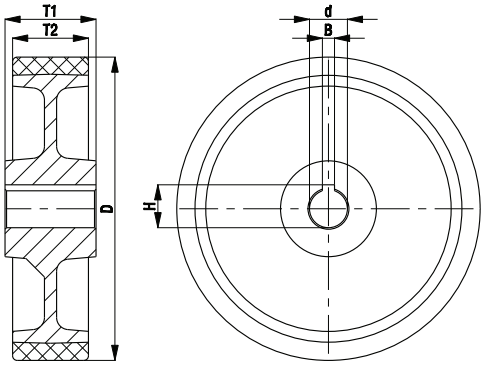
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Load capacity at 16 km/h [kg]	Axle bore Ø (d) [mm]	Hub keyway width (B) [mm]	Hub keyway height (H) [mm]	Hub length (T1) [mm]
GBN 100/20H7	100	40	400	–	–	20 H7	6 JS9	22.8	40
GBN 100/25H7	100	40	400	–	–	25 H7	8 JS9	28.3	40
GBN 101/25H7	100	50	500	–	–	25 H7	8 JS9	28.3	60
GBN 127/25H7	125	50	650	450	260	25 H7	8 JS9	28.3	60
GBN 127/30H7	125	50	650	450	260	30 H7	8 JS9	33.3	60
GBN 150/25H7	150	50	700	490	280	25 H7	8 JS9	28.3	60
GBN 150/30H7	150	50	700	490	280	30 H7	8 JS9	33.3	60
GBN 150/35H7	150	50	700	490	280	35 H7	10 JS9	38.3	60
GBN 160/25H7	160	50	700	490	280	25 H7	8 JS9	28.3	60
GBN 160/30H7	160	50	700	490	280	30 H7	8 JS9	33.3	60
GBN 200/25H7	200	50	900	630	360	25 H7	8 JS9	28.3	60
GBN 200/30H7	200	50	900	630	360	30 H7	8 JS9	33.3	60
GBN 200/35H7	200	50	900	630	360	35 H7	10 JS9	38.3	60
GBN 200/40H7	200	50	900	630	360	40 H7	12 JS9	43.3	60
GBN 202/35H7	200	80	1,400	980	560	35 H7	10 JS9	38.3	80
GBN 202/40H7	200	80	1,400	980	560	40 H7	12 JS9	43.3	80
GBN 202/50H7	200	80	1,400	980	560	50 H7	14 JS9	53.8	80
GBN 252/40H7	250	80	1,800	1,250	650	40 H7	12 JS9	43.3	80
GBN 252/50H7	250	80	1,800	1,250	720	50 H7	14 JS9	53.8	80
GBN 253/40H7	250	100	2,300	1,600	920	40 H7	12 JS9	43.3	100
GBN 253/50H7	250	100	2,300	1,600	920	50 H7	14 JS9	53.8	100

Greatly increased load capacity is possible for applications without obstacles.
For other dimensions, please refer to the next page

Versions / options



	electrically conductive version, non-marking
Technical description page	50
Product code suffix	**-ELS**
Available for	up to wheel Ø 250 mm upon request



GBN series, wheel Ø 300–1,000 mm

Heavy-duty drive wheels with hub keyway with Blickle Besthane® polyurethane tread, with cast iron wheel centre



2,100–25,000 kg

Tread and tyre hardness
92 Shore A

Smooth operation / floor preservation
good

Rolling resistance
excellent

Wear resistance
excellent

Blickle Besthane®

Tread:
- high-quality polyurethane elastomer Blickle Besthane®, hardness 92 Shore A
- very low rolling resistance
- **high dynamic load capacity**
- high abrasion resistance
- high cut and tear propagation resistance
- colour brown, non-marking, non-staining
- excellent chemical connection with the wheel centre

Wheel centre:
- rugged grey cast iron
- axle bore and hub keyway in accordance with DIN 6885
- lacquered, colour silver

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -30 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

Additional details:
- wheel series: page 76
- tread: page 56
- chemical resistance: page 51

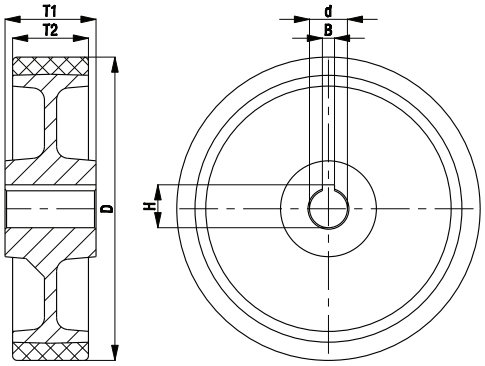
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Load capacity at 16 km/h [kg]	Axle bore Ø (d) [mm]	Hub keyway width (B) [mm]	Hub keyway height (H) [mm]	Hub length (T1) [mm]
GBN 302/40H7	300	80	2,100	1,450	840	40 H7	12 JS9	43.3	80
GBN 302/50H7	300	80	2,100	1,450	840	50 H7	14 JS9	53.8	80
GBN 304/40H7	300	100	2,700	1,850	1,050	40 H7	12 JS9	43.3	100
GBN 304/50H7	300	100	2,700	1,850	1,050	50 H7	14 JS9	53.8	100
GBN 304/60H7	300	100	2,700	1,850	1,050	60 H7	18 JS9	64.4	100
GBN 362/40H7	360	75	2,200	1,500	880	40 H7	12 JS9	43.3	75
GBN 362/50H7	360	75	2,200	1,500	880	50 H7	14 JS9	53.8	75
GBN 362/60H7	360	75	2,200	1,500	880	60 H7	18 JS9	64.4	75
GBN 363/70H7	360	100	3,200	2,200	1,250	70 H7	20 JS9	74.9	100
GBN 404/60H7	400	100	3,400	2,300	1,350	60 H7	18 JS9	64.4	100
GBN 404/70H7	400	100	3,400	2,380	1,360	70 H7	20 JS9	74.9	100
GBN 406/70H7	400	125	4,500	3,150	1,800	70 H7	20 JS9	74.9	125
GBN 406/80H7	400	125	4,500	3,150	1,800	80 H7	22 JS9	85.4	125
GBN 408/80H7	400	150	5,100	3,550	2,000	80 H7	22 JS9	85.4	150
GBN 500/80H7	500	100	4,500	3,150	1,800	80 H7	22 JS9	85.4	100
GBN 504/100H7	500	150	6,700	4,700	2,650	100 H7	28 JS9	106.4	150
GBN 506/120H7	500	200	9,000	6,300	3,600	120 H7	32 JS9	127.4	200
GBN 602/120H7	600	150	8,000	5,600	3,200	120 H7	32 JS9	127.4	150
GBN 604/120H7	600	200	10,000	7,000	4,000	120 H7	32 JS9	127.4	200
GBN 750/150H7	750	200	12,500	8,750	5,000	150 H7	56 JS9	158.4	200
GBN 1000/250H7	1,000	300	25,000	17,500	10,000	250 H7	14 JS9	262.4	300

Greatly increased load capacity is possible for applications without obstacles.
Other dimensions available upon request

Versions / options



	electrically conductive version, non-marking
Technical description page	50
Product code suffix	**-ELS**
Available for	up to wheel Ø 300 mm upon request



GVUN series

Heavy-duty drive wheels with hub keyway, with Vulkollan® polyurethane tread, with cast iron wheel centre



400–3,400 kg

Tread and tyre hardness
92 Shore A

Smooth operation / floor preservation
good

Rolling resistance
very good

Wear resistance
excellent

Made of VULKOLLAN®

Tread:
- high-quality polyurethane elastomer Vulkollan®, hardness 92 Shore A
- very low rolling resistance
- **high dynamic load capacity**
- high abrasion resistance
- high cut and tear propagation resistance
- colour natural, non-marking, non-staining
- excellent chemical connection with the wheel centre

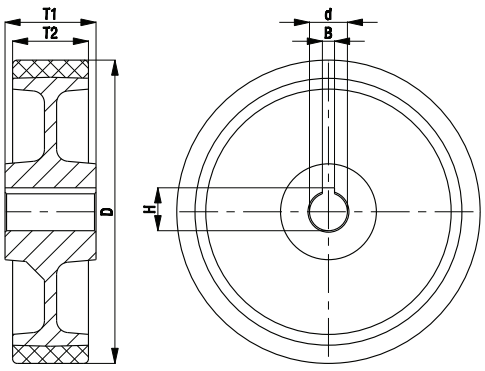
Wheel centre:
- rugged grey cast iron
- axle bore and hub keyway in accordance with DIN 6885
- lacquered, colour silver

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -30 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

Additional details:
- wheel series: page 76
- tread: page 56
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Load capacity at 16 km/h [kg]	Axle bore Ø (d) [mm]	Hub keyway width (B) [mm]	Hub keyway height (H) [mm]	Hub length (T1) [mm]
GVUN 100/20H7	100	40	400	–	–	20 H7	6 JS9	22.8	40
GVUN 127/25H7	125	50	650	450	260	25 H7	8 JS9	28.3	40
GVUN 150/30H7	150	50	700	490	280	30 H7	8 JS9	33.3	60
GVUN 160/30H7	160	50	700	490	280	30 H7	8 JS9	33.3	60
GVUN 200/30H7	200	50	900	630	360	30 H7	8 JS9	33.3	60
GVUN 202/35H7	200	80	1,400	980	560	35 H7	10 JS9	38.3	80
GVUN 252/40H7	250	80	1,800	1,250	720	40 H7	12 JS9	43.3	80
GVUN 302/50H7	300	80	2,100	1,450	840	50 H7	14 JS9	53.8	75
GVUN 304/60H7	300	100	2,700	1,850	1,050	60 H7	18 JS9	64.4	100
GVUN 404/60H7	400	100	3,400	2,350	1,350	60 H7	18 JS9	64.4	100

Other dimensions available upon request



VULKOLLAN® is a registered trademark of Covestro Group

SPKVSN series

Solid steel flanged drive wheels with hub keyway



2,500–7,000 kg

Tread and tyre hardness
190–230 HB

Smooth operation / floor preservation
sufficient

Rolling resistance
excellent

Wear resistance
excellent

Wheel:
- heat-treatable steel, hardness 190–230 HB
- lightly-oiled surface
- 3° taper tread to axle
- extremely low rolling resistance
- extremely high static and dynamic load capacity
- axle bore and hub keyway in accordance with DIN 6885

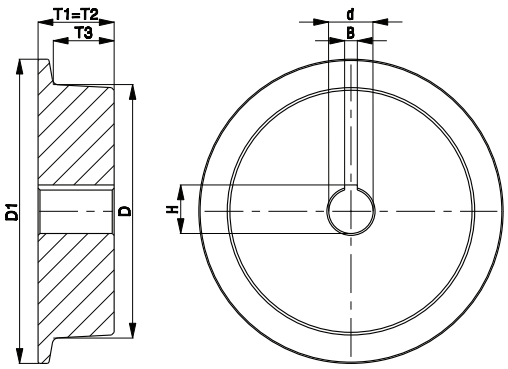
Other features:
- chemical resistance to many aggressive substances
- operating temperature: -100 °C to +600 °C, load capacity reduced by 50% at +300 °C
- the load capacities provided in the table refer to the allocation of flanged wheels to rail profiles in accordance with DIN 536 specified below (crane rail standard):
  SPKVSN 200: A45
  SPKVSN 250: A55
  SPKVSN 300: A65

Additional details:

- wheel series: page 76
- tread: page 59
- chemical resistance: page 51

Flanged wheels	Wheel Ø without flange (D) [mm]	Wheel Ø incl. flange (D1) [mm]	Wheel width (T2) [mm]	Running width (T3) [mm]	Load capacity [kg]	Axle bore Ø (d) [mm]	Hub keyway width (B) [mm]	Hub keyway height (H) [mm]	Hub length (T1) [mm]
SPKVSN 200/40H7	200	240	60	48	2,500	40	12 JS9	43.3	60
SPKVSN 250/50H7	250	290	75	60	4,000	50	14 JS9	53.8	75
SPKVSN 300/60H7	300	345	90	72	7,000	60	18 JS9	64.4	90

Other dimensions available upon request



Blickle®

PA series

Hub fitting wheels with pneumatic tyres, with pressed steel rim



250–1,300 kg

Tread and tyre hardness
60 Shore A

Smooth operation / floor preservation
excellent

Rolling resistance
good

Wear resistance
satisfactory

Tyre:
- pneumatic tyre, ribbed or zig-zag profile, hardness 60 Shore A
- 2 to 10 ply rating, with inner tube
- maximum operational comfort
- excellent floor preservation, particularly quiet operation
- colour black

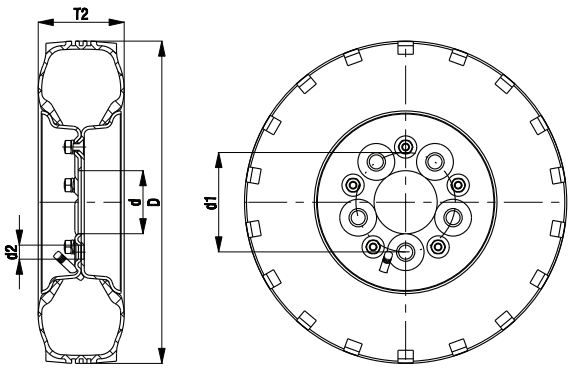
Rim:
- pressed steel
- bolted or welded
- centre piece with a central hole and fitting holes
- fitting holes with domed anchor recesses
- lacquered, colour silver
- from wheel Ø 420 mm: zinc-plated, blue-passivated, Cr6-free

Other features:
- fitted using domed anchor nuts and bolts in accordance with DIN 74361
- chemical resistance to many aggressive substances, except oils
- operating temperature: -30 °C to +50 °C
- the wheel and tyre dimensions provided here apply to new tyres that are not bearing a load. Their width and diameter may change when they are in use.
- speeds up to 25 km/h with reduced load capacity

Additional details:
- wheel series: page 77
- tread: page 54
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Tyre size	Ply rating	Load capacity at 4 km/h [kg]	Load capacity at 25 km/h [kg]	Tyre pressure [bar/psi]	Number of fitting holes	Fitting hole Ø (d2) [mm]	Central hole Ø (d) [mm]	PCD (d1) [mm]	Profile type
PA 402/4	400	100	4.00-8	2	250	100	20 / 30	4	14.5	60	100	B07
PA 412/4	400	100	4.00-8	4	350	160	35 / 50	4	14.5	60	100	B07
PA 420/4	415	115	4.00-8	4	525	300	35 / 50	4	14.5	60	100	R02
PA 430/5	420	115	4.00-8	6	650	500	70 / 101	5	18.5	82	130	B08
PA 432/5	420	115	4.00-8	8	750	600	70 / 101	5	15	82	130	B08
PA 464/5	460	145	5.00-8	8	1,140	770	70 / 101	5	18.5	82	130	B08
PA 536/5	536	165	6.00-9	10	1,300	1,050	70 / 101	5	16.5	110	145	B08

Profile types: R = ribbed profile, B = zig-zag profile, see page 248 for image
Additional fitting dimensions available upon request



VLEA series

Heavy-duty hub fitting wheels with super-elastic solid rubber tyres, with pressed steel rim



950–1,885 kg

Tread and tyre hardness
70 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
good

Wear resistance
good

Tyre:
- super-elastic solid rubber, steel-wire reinforced, hardness 70 Shore A
- 3-component tyre, highly-elastic cushion layer, abrasion-resistant tread
- very good operational comfort
- very good floor preservation, low-noise operation
- colour black

Rim:
- heavy pressed steel
- centre piece with a central hole and fitting holes
- fitting holes with domed anchor recesses
- zinc-plated, blue-passivated, Cr6-free

Other features:
- fitted using domed anchor nuts and bolts in accordance with DIN 74361
- chemical resistance to many aggressive substances, except oils
- operating temperature: -30 °C to +80 °C, temporarily up to +100 °C, reduced load capacity over +60 °C

Additional details:
- wheel series: page 77
- tread: page 54
- bearing types: page 84–85
- chemical resistance: page 51

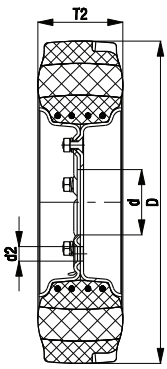
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Tyre size	Rim dimensions	Load capacity at 6 km/h [kg]	Load capacity at 25 km/h [kg]	Number of fitting holes	Fitting hole Ø (d2) [mm]	Central hole Ø (d) [mm]	PCD (d1) [mm]
VLEA 410/5	405	105	4.00-8	3.00D-8	950	730	5	18.5	82	130
VLEA 460/5	455	120	5.00-8	3.00D-8	1,415	1,090	5	18.5	82	130
VLEA 530/5	525	140	6.00-9	4.00E-9	1,885	1,450	5	16.5	110	145

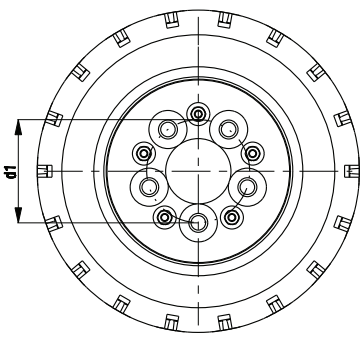
The wheel and tyre dimensions provided here apply to new tyres that are not bearing a load. The dimensions may change when they are in use.
Additional fitting dimensions available upon request

Versions / options



	with non-marking grey tyre	antistatic version, black tyres	drive wheel with hub keyway
Technical description page	52	50	
Product code suffix	**-SG**	**-AS**	**VLEN series**
Available for	upon request	upon request	upon request





GEVA series

Heavy-duty hub fitting wheels with elastic solid rubber tyres, with cast iron wheel centre



630–4,540 kg

Tread and tyre hardness
65 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
very good

Wear resistance
satisfactory

Tyre:
- high-quality elastic solid rubber in smooth rolling quality, steel-wire reinforced, hardness 65 Shore A
- very good operational comfort
- very good floor preservation, low-noise operation
- low rolling resistance
- colour black

Wheel centre:
- rugged grey cast iron
- centre piece with a central hole and fitting holes
- fitting holes with domed anchor recesses
- lacquered, colour anthracite

Other features:
- fitted using domed anchor nuts and bolts in accordance with DIN 74361
- chemical resistance to many aggressive substances, except oils
- operating temperature: -30 °C to +80 °C, temporarily up to +100 °C, reduced load capacity over +60 °C

Additional details:
- wheel series: page 77
- tread: page 53
- bearing types: page 84–85
- chemical resistance: page 51

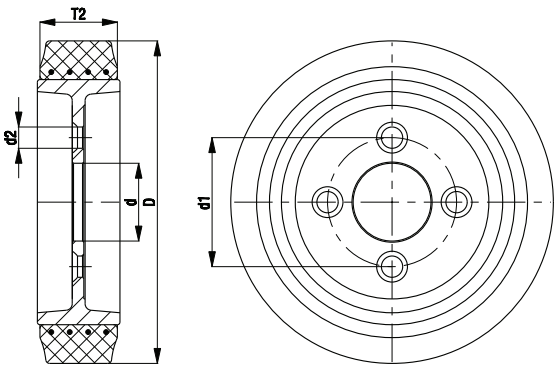
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Load capacity at 16 km/h [kg]	Number of fitting holes	Fitting hole Ø (d2) [mm]	Central hole Ø (d) [mm]	PCD (d1) [mm]
GEVA 250/4	250	60	630	420	320	4	16.5	60	100
GEVA 252/4	250	80	810	540	410	4	16.5	60	100
GEVA 300/4	300	75	900	600	450	4	16.5	60	100
GEVA 300/5	300	75	900	600	450	5	16.5	67	112
GEVA 302/4	300	90	1,080	720	540	4	16.5	60	100
GEVA 302/5	300	90	1,080	720	540	5	16.5	67	112
GEVA 360/4	360	60	900	600	450	4	16.5	60	100
GEVA 360/5	360	60	900	600	450	5	16.5	67	112
GEVA 400/4	400	65	1,080	720	540	4	16.5	60	100
GEVA 400/5-67	400	65	1,080	720	540	5	16.5	67	112
GEVA 400/5-82	400	65	1,080	720	540	5	16.5	82	130
GEVA 402/4	400	75	1,200	800	600	4	16.5	60	100
GEVA 402/5-67	400	75	1,200	800	600	5	16.5	67	112
GEVA 402/5-82	400	75	1,200	800	600	5	16.5	82	130
GEVA 405/5	405	130	1,800	1,200	900	5	18.5	110	145
GEVA 405/6	405	130	1,800	1,200	900	6	21.5	160	205
GEVA 415/6	415	90	1,380	920	690	6	21.5	160	205
GEVA 500/6	500	85	1,560	1,050	780	6	21.5	160	205
GEVA 520/6	520	100	1,830	1,225	920	6	21.5	160	205
GEVA 620/6	620	200	4,540	3,105	2,835	6	21.5	160	205

Other dimensions available upon request

Versions / options



	with pressed-on steel band in drive quality
Technical description page	
Product code suffix	**-STA**
Available for	upon request



GSTA series

Heavy-duty hub fitting wheels with Blickle Softhane® polyurethane tread, with cast iron wheel centre



700–2,500 kg

Tread and tyre hardness
75 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
very good

Wear resistance
very good

Blickle Softhane®

Tread:
- high-quality polyurethane elastomer Blickle Softhane®, hardness 75 Shore A
- extra-thick elastic tread for excellent operational comfort
- very good floor preservation, low-noise operation
- low rolling resistance
- high abrasion resistance
- high cut and tear propagation resistance
- colour green, non-marking, non-staining
- excellent chemical connection with the wheel centre

Wheel centre:
- rugged grey cast iron
- centre piece with a central hole and fitting holes
- fitting holes with domed anchor recesses
- lacquered, colour silver

Other features:
- fitted using domed anchor nuts and bolts in accordance with DIN 74361
- high chemical resistance to many aggressive substances
- operating temperature: -30 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

Additional details:
- wheel series: page 77
- tread: page 55
- bearing types: page 84–85
- chemical resistance: page 51

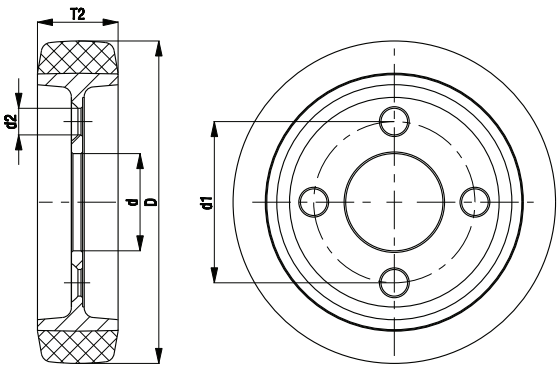
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Number of fitting holes	Fitting hole Ø (d2) [mm]	Central hole Ø (d) [mm]	PCD (d1) [mm]
GSTA 200/4	200	50	700	280	4	16.5	60	100
GSTA 250/4	250	60	800	320	4	16.5	60	100
GSTA 252/4	250	80	1,100	440	4	16.5	60	100
GSTA 302/5	300	80	1,600	640	5	16.5	67	112
GSTA 404/6	400	100	2,500	1,000	6	21.5	160	205

Other dimensions available upon request

Versions / options



	antistatic version, non-marking grey
Technical description page	50
Product code suffix	**-AS**
Available for	upon request



GBA series

Heavy-duty hub fitting wheels with Blickle Besthane® polyurethane tread, with cast iron wheel centre



900–3,400 kg

Tread and tyre hardness
92 Shore A

Smooth operation / floor preservation
good

Rolling resistance
excellent

Wear resistance
excellent

Blickle Besthane®

Tread:
- high-quality polyurethane elastomer Blickle Besthane®, hardness 92 Shore A
- very low rolling resistance
- **high dynamic load capacity**
- high abrasion resistance
- high cut and tear propagation resistance
- colour brown, non-marking, non-staining
- excellent chemical connection with the wheel centre

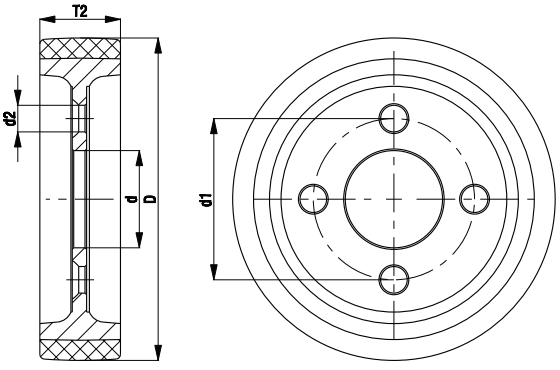
Wheel centre:
- rugged grey cast iron
- centre piece with a central hole and fitting holes
- fitting holes with domed anchor recesses
- lacquered, colour silver

Other features:
- fitted using domed anchor nuts and bolts in accordance with DIN 74361
- high chemical resistance to many aggressive substances
- operating temperature: -30 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

Additional details:
- wheel series: page 78
- tread: page 56
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Load capacity at 16 km/h [kg]	Number of fitting holes	Fitting hole Ø (d2) [mm]	Central hole Ø (d) [mm]	PCD (d1) [mm]
GBA 200/4	200	50	900	630	360	4	16.5	60	100
GBA 250/4	250	60	1,300	910	520	4	16.5	60	100
GBA 252/5	250	80	1,600	1,100	640	5	16.5	67	112
GBA 302/5	300	90	2,100	1,450	840	5	16.5	67	112
GBA 404/6	400	100	3,400	2,350	1,350	6	21.5	160	205

Greatly increased load capacity is possible for applications without obstacles.
Other dimensions available upon request



VSVU series

Heavy-duty wheels with Vulkollan® tread, with cast iron wheel centre



700–2,400 kg

Tread and tyre hardness
92 Shore A

Smooth operation / floor preservation
good

Rolling resistance
very good

Wear resistance
excellent

Made of VULKOLLAN®

Tread:
- high-quality polyurethane elastomer Vulkollan®, hardness 92 Shore A
- low rolling resistance
- **high dynamic load capacity**
- high abrasion resistance
- high cut and tear propagation resistance
- colour natural, non-marking, non-staining
- excellent chemical connection with the wheel centre

Wheel centre:
- heat-treatable steel
- clamping surface on both sides for mechanical processing

Other features:
- please note the following in terms of the mechanical processing of the base wheels:
  1. the temperature of the wheel must not exceed 90 °C
  2. the wheel must be fixed using the clamping surface provided
  3. any change to the tread will reduce the load capacity of the wheel
- high chemical resistance to many aggressive substances
- operating temperature: -30 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

Additional details:
- wheel series: page 78
- tread: page 56
- chemical resistance: page 51

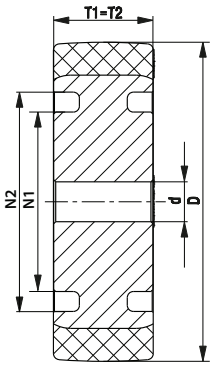
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Load capacity at 16 km/h [kg]	Axle bore Ø (d) [mm]	Hub length (T1) [mm]	Internal clamping surface (N1) [mm]	External clamping surface (N2) [mm]
VSVU 127/20H7	125	50	700	490	280	20 H7	50	70	90
VSVU 150/20H7	150	50	800	560	320	20 H7	50	80	100
VSVU 160/20H7	160	50	800	560	320	20 H7	50	90	110
VSVU 200/20H7	200	50	1,000	700	400	20 H7	50	110	150
VSVU 202/20H7	200	80	1,600	1,150	640	20 H7	80	110	150
VSVU 251/25H7	250	50	1,250	870	500	25 H7	50	150	190
VSVU 252/25H7	250	80	1,800	1,250	720	25 H7	80	150	190
VSVU 302/30H7	300	80	2,400	1,650	960	30 H7	80	150	230

Other dimensions available upon request

Versions / options



	individual turning (H7)	wheel with clamping set
Technical description page		
Product code suffix		
Available for	upon request	upon request



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16

Wheels and castors for pallet trucks, forklift trucks and other industrial trucks



Selection tool

Wheels and castors for pallet trucks, forklift trucks and other industrial trucks







Series	HTH / RK-HTH, HTHW	HB / RK-HB	HPO
	Rollers for pallet trucks		
Tread / tyre	Polyurethane-elastomer Blickle Extrathane®	Polyurethane-elastomer Blickle Besthane®	Nylon
Tread and tyre hardness	92 Shore A	92 Shore A	70 Shore D
Wheel centre / rim	metal	metal	–
Wheel Ø	60–90 mm	80–85 mm	80–85 mm
Load capacity up to	1,130 kg	960 kg	1,100 kg
Speeds up to	4 km/h	4 km/h	4 km/h
For a description of the wheel, refer to	page 560–562, 564–565	page 563	page 566









ALEV	ALST	ALTH	PO
Front wheels for pallet trucks			
Elastic solid rubber, smooth rolling quality, “Blickle EasyRoll”	Polyurethane-elastomer Blickle Softhane®	Polyurethane-elastomer Blickle Extrathane®	Nylon
65 Shore A	75 Shore A	92 Shore A	70 Shore D
aluminium	aluminium	aluminium	nylon
200 mm	200 mm	180–200 mm	200 mm
500 kg	700 kg	800 kg	600 kg
10 km/h	10 km/h	10 km/h	4 km/h
page 567	page 567	page 567	page 567

Selection tool

Wheels and castors for pallet trucks, forklift trucks and other industrial trucks







Series	ALTH	GTH	VSTH	GB	GVU
	Heavy-duty wheels for use on industrial trucks				
Tread / tyre	Polyurethane-elastomer Blickle Extrathane®	Polyurethane-elastomer Blickle Extrathane®	Polyurethane-elastomer Blickle Extrathane®	Polyurethane-elastomer Blickle Besthane®	Vulkollan®
Tread and tyre hardness	92 Shore A	92 Shore A	92 Shore A	92 Shore A	92 Shore A
Wheel centre / rim	aluminium	grey cast iron	steel	grey cast iron	grey cast iron
Wheel Ø	100–140 mm	100–180 mm	100–125 mm	100–180 mm	100–180 mm
Load capacity up to	800 kg	1,100 kg	540 kg	1,200 kg	1,200 kg
Speeds up to	10 km/h	10 km/h	4 km/h	16 km/h	16 km/h
For a description of the wheel, refer to	page 568	page 568	page 568	page 569	page 570

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REV	RTH	RB	RVU
Wheels for stackers, drive and running wheels for forklift trucks			
Elastic solid rubber	Polyurethane-elastomer Blickle Extrathane®	Polyurethane-elastomer Blickle Besthane®	Vulkollan®
70 Shore A	92 Shore A	92 Shore A	92 Shore A
grey cast iron	grey cast iron	grey cast iron	grey cast iron
215–254 mm	200–270 mm	230–343 mm	230–250 mm
–	–	–	–
16 km/h	10 km/h	16 km/h	16 km/h
page 571–574, 576	page 571–579	page 571–575, 578–579	page 576, 578

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HTH series, dimensions 60x35-82x65 mm

Rollers for pallet trucks with Blickle Extrathane® polyurethane tread, with metal wheel centre



220–850 kg

Tread and tyre hardness
92 Shore A

Smooth operation / floor preservation
good

Rolling resistance
very good

Wear resistance
excellent

Tread:
- high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A
- low rolling resistance
- high abrasion resistance
- high cut and tear propagation resistance
- colour light brown, non-marking, non-staining
- excellent chemical connection with the wheel centre

Wheel centre:
- metal

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

Additional details:
- wheel series: page 78
- tread: page 55
- bearing types: page 84–85
- chemical resistance: page 51

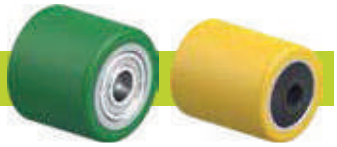
Blickle Extrathane®

Rollers for pallet trucks with ball bearing	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]	ball bearing	Rollers for pallet trucks without ball bearing	Bearing seating Ø (S) [mm]	Bearing seating depth (t) [mm]	Load capacity [kg]
HTH 60x35/15-35K	60	35	15	35	6002 ZZ	**RK-HTH 060x035/32x09-35-Z**	32	9	220
HTH 60x60/10-56K	60	60	10	56	6200 2RS	**RK-HTH 060x060/30x11-60-Z**	30	11	400
HTH 75x40/20-40K	75	40	20	40	6204 ZZ	**RK-HTH 075x040/47x14-40-Z**	47	14	340
HTH 75x62/20-62K	75	62	20	62	6204 ZZ	**RK-HTH 075x062/47x14-62-Z**	47	14	510
HTH 75x75/20-75K	75	75	20	75	6204 ZZ	**RK-HTH 075x075/47x14-75-Z**	47	14	630
HTH 75x95/20-95K	75	95	20	95	6204 ZZ	**RK-HTH 075x095/47x14-95-Z**	47	14	800
HTH 80x30/12-27K	80	30	12	27	6201 ZZ	**RK-HTH 080x030/32x12-30-Z**	32	12	260
HTH 80x40/20-40K	80	40	20	40	6204 ZZ	**RK-HTH 080x040/47x14-40-Z**	47	14	350
HTH 80x54/20-54K	80	54	20	54	6204 ZZ	**RK-HTH 080x054/47x14-54-Z**	47	14	480
HTH 80x54/20-60K	80	54	20	60	6204 ZZV	**RK-HTH 080x054/47x14-54-Z**	47	14	480
HTH 80x56/20-56K	80	56	20	56	6204 ZZ	**RK-HTH 080x056/47x14-56-Z**	47	14	500
HTH 80x60/20-66K	80	60	20	66	6204 ZZV	**RK-HTH 080x060/47x12-60-Z**	47	12	530
HTH 80x62/20-54K	80	62	20	54	6204 ZZ	**RK-HTH 080x062/47x18-62-Z**	47	18	550
HTH 80x70/20-70K	80	70	20	70	6204 ZZ	**RK-HTH 080x070/47x14-70-Z**	47	14	630
HTH 80x74/20-68K	80	74	20	68	6004 ZZ	**RK-HTH 080x074/42x14-72-Z ***	42	14	660
HTH 80x80/20-80K	80	80	20	80	6204 ZZ	**RK-HTH 080x080/47x14-80-Z**	47	14	720
HTH 80x95/20-89K	80	95	20	89	6004 ZZ	**RK-HTH 080x095/42x14-93-Z ***	42	14	850
HTH 82x28/12-26K	82	28	12	26	6201 ZZ	**RK-HTH 082x028/32x11-28-Z**	32	11	250
HTH 82x34/12-32K	82	34	12	32	6201 ZZ	**RK-HTH 082x034/32x11-34-Z**	32	11	310
HTH 82x50/20-52K	82	50	20	52	6204 ZZ	**RK-HTH 082x050/47x13-50-Z**	47	13	450
HTH 82x60/20-56K	82	60	20	56	6204 ZZ	**RK-HTH 082x060/47x16-60-Z**	47	16	550
HTH 82x60/20-60K	82	60	20	60	6204 ZZ	**RK-HTH 082x060/47x14-60-Z**	47	14	550
HTH 82x60/25-52K	82	60	25	52	6205 ZZ	**RK-HTH 082x060/52x19-60-Z**	52	19	550
HTH 82x60/25-60K	82	60	25	60	6005 ZZ	**RK-HTH 082x060/47x14-60-Z**	47	14	550
HTH 82x62/20-64K	82	62	20	64	6204 ZZ	**RK-HTH 082x062/47x13-62-Z**	47	13	560
HTH 82x65/20-65K	82	65	20	65	6204 ZZ	**RK-HTH 082x065/47x14-65-Z**	47	14	590
HTH 82x65/20-71K	82	65	20	71	6204 ZZV	**RK-HTH 082x065/47x14-65-Z**	47	14	590

* Hub recessed

For other dimensions, please refer to the next page

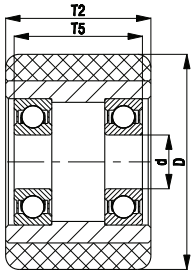
Versions / options



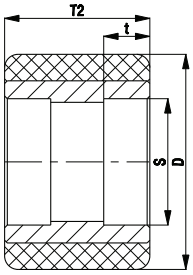
	with Blickle Softhane® polyurethane tread	splash and washproof version
Technical description page	55	79
Product code suffix	**HST series**	**HTHW series**
Available for	upon request**	see page 564–565

** Hardness 75 Shore A

with ball bearing



without ball bearing



HTH series, dimensions 82x70-85x75 mm

Rollers for pallet trucks with Blickle Extrathane® polyurethane tread, with metal wheel centre



460–1,070 kg

Tread and tyre hardness
92 Shore A

Smooth operation / floor preservation
good

Rolling resistance
very good

Wear resistance
excellent

Tread:
- high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A
- low rolling resistance
- high abrasion resistance
- high cut and tear propagation resistance
- colour light brown, non-marking, non-staining
- excellent chemical connection with the wheel centre

Wheel centre:
- metal

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

Additional details:
- wheel series: page 78
- tread: page 55
- bearing types: page 84–85
- chemical resistance: page 51

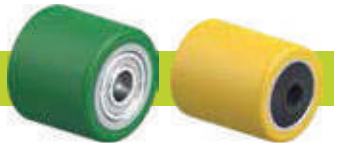
Blickle Extrathane®

Rollers for pallet trucks with ball bearing	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]	ball bearing	Rollers for pallet trucks without ball bearing	Bearing seating Ø (S) [mm]	Bearing seating depth (t) [mm]	Load capacity [kg]
HTH 82x70/20-62K	82	70	20	62	6204 ZZ	**RK-HTH 082x070/47x18-70-Z**	47	18	640
HTH 82x70/20-70K	82	70	20	70	6204 ZZ	**RK-HTH 082x070/47x14-70-Z**	47	14	640
HTH 82x70/20-72K	82	70	20	72	6204 ZZV	**RK-HTH 082x070/47x14-70-Z**	47	14	640
HTH 82x70/20-76K	82	70	20	76	6204 ZZV	**RK-HTH 082x070/47x12-70-Z**	47	12	640
HTH 82x72/20-72K	82	72	20	72	6204 ZZ	**RK-HTH 082x072/47x14-72-Z**	47	14	660
HTH 82x72/20-74K	82	72	20	74	6204 ZZV	**RK-HTH 082x072/47x14-72-Z**	47	14	660
HTH 82x72/20-78K	82	72	20	78	6204 ZZV	**RK-HTH 082x072/47x14-72-Z**	47	14	660
HTH 82x80/20-80K	82	80	20	80	6204 ZZ	**RK-HTH 082x080/47x14-80-Z**	47	14	730
HTH 82x82/20-86K	82	82	20	86	6204 ZZV	**RK-HTH 082x082/47x13-82-Z**	47	13	750
HTH 82x89/20-82K	82	89	20	82	6204 ZZ	**RK-HTH 082x089/47x18-89-Z**	47	17.5	820
HTH 82x90/20-90K	82	90	20	90	6204 ZZ	**RK-HTH 082x090/47x14-90-Z**	47	14	830
HTH 82x90/20-96K	82	90	20	96	6204 ZZV	**RK-HTH 082x090/47x14-90-Z**	47	14	830
HTH 82x98/20-98K	82	98	20	98	6204 ZZ	**RK-HTH 082x098/47x14-98-Z**	47	14	910
HTH 82x100/20-96K	82	100	20	96	6204 ZZ	**RK-HTH 082x100/47x16-100-Z**	47	16	920
HTH 82x100/20-100K	82	100	20	100	6204 ZZ	**RK-HTH 082x100/47x14-100-Z**	47	14	920
HTH 82x100/20-104K	82	100	20	104	6204 ZZV	**RK-HTH 082x100/47x14-100-Z**	47	14	920
HTH 83x83/25-83K	83	83	25	83	6205 ZZ	**RK-HTH 083x083/52x15-83-Z**	52	15	780
HTH 83x115/30-114K	83	115	30	114	6206 ZZ	**RK-HTH 083x115/62x17-115-Z**	62	16.5	1,070
HTH 84x74/17-78K *	84	74	17	78	6006 2RS	**RK-HTH 084x074/55x23-74-Z**	55	23	690
HTH 85x50/20-50K	85	50	20	50	6204 ZZ	**RK-HTH 085x050/47x14-50-Z**	47	14	460
HTH 85x50/25-50K	85	50	25	50	6005 ZZ	**RK-HTH 085x050/47x14-50-Z**	47	14	460
HTH 85x60/17-60K	85	60	17	60	6303 ZZ	**RK-HTH 085x060/47x14-60-Z**	47	14	560
HTH 85x60/20-60K	85	60	20	60	6204 ZZ	**RK-HTH 085x060/47x14-60-Z**	47	14	560
HTH 85x60/20-65K	85	60	20	65	6204 ZZV	**RK-HTH 085x060/47x14-60-Z**	47	14	560
HTH 85x65/20-65K	85	65	20	65	6204 ZZ	**RK-HTH 085x065/47x14-65-Z**	47	14	610
HTH 85x70/17-70K	85	70	17	70	6303 ZZ	**RK-HTH 085x070/47x14-70-Z**	47	14	660
HTH 85x70/20-70K	85	70	20	70	6204 ZZ	**RK-HTH 085x070/47x14-70-Z**	47	14	660
HTH 85x70/20-75K	85	70	20	75	6204 ZZV	**RK-HTH 085x070/47x14-70-Z**	47	14	660
HTH 85x75/17-75K	85	75	17	75	6303 ZZ	**RK-HTH 085x075/47x14-75-Z**	47	14	720
HTH 85x75/20-75K	85	75	20	75	6204 ZZ	**RK-HTH 085x075/47x14-75-Z**	47	14	720
HTH 85x75/25-75K	85	75	25	75	6005 ZZ	**RK-HTH 085x075/47x14-75-Z**	47	14	720

* With nylon socket

For other dimensions, please refer to the next page

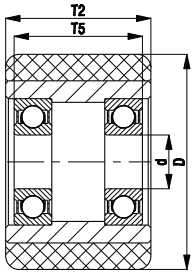
Versions / options



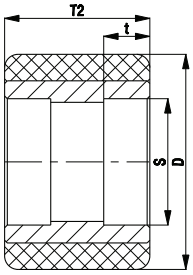
	with Blickle Softhane® polyurethane tread	splash and washproof version
Technical description page	55	79
Product code suffix	**HST series**	**HTHW series**
Available for	upon request**	see page 564–565

** Hardness 75 Shore A

with ball bearing



without ball bearing



HTH series, dimensions 85x75-90x50 mm

Rollers for pallet trucks with Blickle Extrathane® polyurethane tread, with metal wheel centre



420–1,130 kg

Tread and tyre hardness
92 Shore A

Smooth operation / floor preservation
good

Rolling resistance
very good

Wear resistance
excellent

Tread:
- high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A
- low rolling resistance
- high abrasion resistance
- high cut and tear propagation resistance
- colour light brown, non-marking, non-staining
- excellent chemical connection with the wheel centre

Wheel centre:
- metal

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

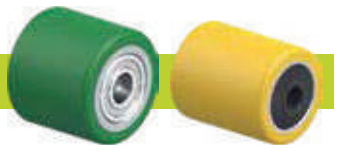
Additional details:
- wheel series: page 78
- tread: page 55
- bearing types: page 84–85
- chemical resistance: page 51

Blickle Extrathane®

Rollers for pallet trucks with ball bearing	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]	Ball bearing	Rollers for pallet trucks without ball bearing	Bearing seating Ø (S) [mm]	Bearing seating depth (t) [mm]	Load capacity [kg]
HTH 85x75/20-77K	85	75	20	77	6204 ZZV	**RK-HTH 085x075/47x14-75-Z**	47	14	720
HTH 85x75/20-79K	85	75	20	79	6204 ZZV	**RK-HTH 085x075/47x15-75-Z**	47	15	720
HTH 85x78/20-78K	85	78	20	78	6204 ZZ	**RK-HTH 085x078/47x14-78-Z**	47	14	740
HTH 85x80/17-82K	85	80	17	82	6303 ZZ	**RK-HTH 085x080/47x14-80-Z**	47	14	770
HTH 85x80/20-80K	85	80	20	80	6204 ZZ	**RK-HTH 085x080/47x14-80-Z**	47	14	770
HTH 85x80/20-85K	85	80	20	85	6204 ZZV	**RK-HTH 085x080/47x14-80-Z**	47	14	770
HTH 85x80/25-74K	85	80	25	74	6205 ZZ	**RK-HTH 085x080/52x18-80-Z**	52	18	770
HTH 85x80/25-80K	85	80	25	80	6005 ZZ	**RK-HTH 085x080/47x14-80-Z**	47	14	770
HTH 85x80/25-85K	85	80	25	85	6005 ZZV	**RK-HTH 085x080/47x14-80-Z**	47	14	770
HTH 85x85/20-85K	85	85	20	85	6204 ZZ	**RK-HTH 085x085/47x14-85-Z**	47	14	820
HTH 85x85/25-85K	85	85	25	85	6005 ZZ	**RK-HTH 085x085/47x14-85-Z**	47	14	820
HTH 85x87/17-89K	85	87	17	89	6303 ZZ	**RK-HTH 085x087/47x14-87-Z**	47	14	830
HTH 85x90/17-90K	85	90	17	90	6303 ZZ	**RK-HTH 085x090/47x14-90-Z**	47	14	850
HTH 85x90/20-90K	85	90	20	90	6204 ZZ	**RK-HTH 085x090/47x14-90-Z**	47	14	850
HTH 85x95/20-95K	85	95	20	95	6204 ZZ	**RK-HTH 085x095/47x14-95-Z**	47	14	910
HTH 85x95/20-100K	85	95	20	100	6204 ZZV	**RK-HTH 085x095/47x14-95-Z**	47	14	910
HTH 85x100/17-100K	85	100	17	100	6303 ZZ	**RK-HTH 085x100/47x14-100-Z**	47	14	960
HTH 85x100/20-100K	85	100	20	100	6204 ZZ	**RK-HTH 085x100/47x14-100-Z**	47	14	960
HTH 85x100/20-102K	85	100	20	102	6204 ZZV	**RK-HTH 085x100/47x14-100-Z**	47	14	960
HTH 85x100/20-104K	85	100	20	104	6204 ZZV	**RK-HTH 085x100/47x15-100-Z**	47	15	960
HTH 85x100/25-100K	85	100	25	100	6005 ZZ	**RK-HTH 085x100/47x14-100-Z**	47	14	960
HTH 85x100/25-104K	85	100	25	104	6005 ZZV	**RK-HTH 085x100/47x14-100-Z**	47	14	960
HTH 85x105/25-110K	85	105	25	110	6005 ZZV	**RK-HTH 085x105/47x13-105-Z**	47	12.5	1,010
HTH 85x110/25-110K	85	110	25	110	6005 ZZ	**RK-HTH 085x110/47x14-110-Z**	47	14	1,060
HTH 85x110/25-114K	85	110	25	114	6005 ZZV	**RK-HTH 085x110/47x14-110-Z**	47	14	1,060
HTH 85x120/25-124K	85	120	25	124	6005 ZZV	**RK-HTH 085x120/47x14-120-Z**	47	14	1,130
HTH 90x42/20-40K	90	42	20	40	6204 ZZ	**RK-HTH 090x042/47x15-42-Z**	47	15	420
HTH 90x50/20-48K	90	50	20	48	6204 ZZ	**RK-HTH 090x050/47x15-50-Z**	47	15	500

Other dimensions available upon request

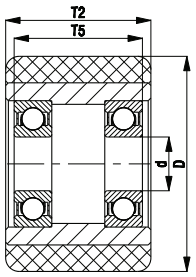
Versions / options



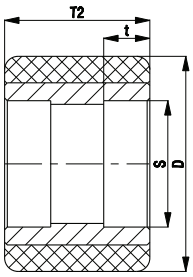
	with Blickle Softhane® polyurethane tread	splash and washproof version
Technical description page	55	79
Product code suffix	**HST series**	**HTHW series**
Available for	upon request*	see page 564–565

* Hardness 75 Shore A

with ball bearing



without ball bearing



Blickle®

HB series

Rollers for pallet trucks with Blickle Besthane® polyurethane tread, with metal wheel centre



550–960 kg

Tread and tyre hardness
92 Shore A

Smooth operation / floor preservation
good

Rolling resistance
excellent

Wear resistance
excellent

Tread:
- high-quality polyurethane elastomer Blickle Besthane®, hardness 92 Shore A
- very low rolling resistance
- **high dynamic load capacity**
- high abrasion resistance
- high cut and tear propagation resistance
- colour brown, non-marking, non-staining
- excellent chemical connection with the wheel centre

Wheel centre:
- metal

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

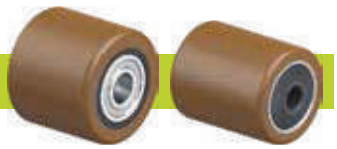
Additional details:
- wheel series: page 78
- tread: page 56
- bearing types: page 84–85
- chemical resistance: page 51

Blickle Besthane®

Rollers for pallet trucks with ball bearing	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]	Ball bearing	Rollers for pallet trucks without ball bearing	Bearing seating Ø (S) [mm]	Bearing seating depth (t) [mm]	Load capacity [kg]
HB 80x70/20-70K	80	70	20	70	6204 ZZ	**RK-HB 080x070/47x14-70-Z**	47	14	630
HB 82x60/20-60K	82	60	20	60	6204 ZZ	**RK-HB 082x060/47x14-60-Z**	47	14	550
HB 82x60/25-60K	82	60	25	60	6005 ZZ	**RK-HB 082x060/47x14-60-Z**	47	14	550
HB 82x65/20-65K	82	65	20	65	6204 ZZ	**RK-HB 082x065/47x14-65-Z**	47	14	590
HB 82x65/20-71K	82	65	20	71	6204 ZZV	**RK-HB 082x065/47x14-65-Z**	47	14	590
HB 82x70/20-70K	82	70	20	70	6204 ZZ	**RK-HB 082x070/47x14-70-Z**	47	14	640
HB 82x70/20-72K	82	70	20	72	6204 ZZV	**RK-HB 082x070/47x14-70-Z**	47	14	640
HB 82x100/20-100K	82	100	20	100	6204 ZZ	**RK-HB 082x100/47x14-100-Z**	47	14	920
HB 82x100/20-104K	82	100	20	104	6204 ZZV	**RK-HB 082x100/47x14-100-Z**	47	14	920
HB 85x60/17-60K	85	60	17	60	6303 ZZ	**RK-HB 085x060/47x14-60-Z**	47	14	560
HB 85x60/20-60K	85	60	20	60	6204 ZZ	**RK-HB 085x060/47x14-60-Z**	47	14	560
HB 85x60/20-65K	85	60	20	65	6204 ZZV	**RK-HB 085x060/47x14-60-Z**	47	14	560
HB 85x70/17-70K	85	70	17	70	6303 ZZ	**RK-HB 085x070/47x14-70-Z**	47	14	660
HB 85x70/20-70K	85	70	20	70	6204 ZZ	**RK-HB 085x070/47x14-70-Z**	47	14	660
HB 85x70/20-75K	85	70	20	75	6204 ZZV	**RK-HB 085x070/47x14-70-Z**	47	14	660
HB 85x75/17-75K	85	75	17	75	6303 ZZ	**RK-HB 085x075/47x14-75-Z**	47	14	720
HB 85x75/20-75K	85	75	20	75	6204 ZZ	**RK-HB 085x075/47x14-75-Z**	47	14	720
HB 85x75/25-75K	85	75	25	75	6005 ZZ	**RK-HB 085x075/47x14-75-Z**	47	14	720
HB 85x80/17-82K	85	80	17	82	6303 ZZ	**RK-HB 085x080/47x14-80-Z**	47	14	770
HB 85x80/20-80K	85	80	20	80	6204 ZZ	**RK-HB 085x080/47x14-80-Z**	47	14	770
HB 85x80/20-85K	85	80	20	85	6204 ZZV	**RK-HB 085x080/47x14-80-Z**	47	14	770
HB 85x80/25-80K	85	80	25	80	6005 ZZ	**RK-HB 085x080/47x14-80-Z**	47	14	770
HB 85x80/25-85K	85	80	25	85	6005 ZZV	**RK-HB 085x080/47x14-80-Z**	47	14	770
HB 85x90/17-90K	85	90	17	90	6303 ZZ	**RK-HB 085x090/47x14-90-Z**	47	14	850
HB 85x90/20-90K	85	90	20	90	6204 ZZ	**RK-HB 085x090/47x14-90-Z**	47	14	850
HB 85x100/17-100K	85	100	17	100	6303 ZZ	**RK-HB 085x100/47x14-100-Z**	47	14	960
HB 85x100/20-100K	85	100	20	100	6204 ZZ	**RK-HB 085x100/47x14-100-Z**	47	14	960
HB 85x100/20-102K	85	100	20	102	6204 ZZV	**RK-HB 085x100/47x14-100-Z**	47	14	960
HB 85x100/25-100K	85	100	25	100	6005 ZZ	**RK-HB 085x100/47x14-100-Z**	47	14	960

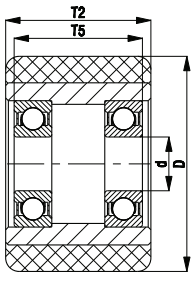
Other dimensions available upon request

Versions / options

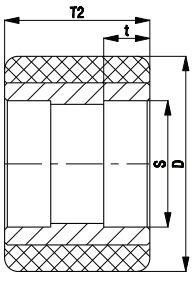


	hydrolysis resistant, with nylon wheel centre	splash and washproof version
Technical description page	56	56
Product code suffix	**HPOB series**	**HBW series**
Available for	upon request	upon request

with ball bearing



without ball bearing



16

HTHW series, dimensions 82x60-85x80 mm

Rollers for pallet trucks with Blickle Extrathane® polyurethane tread, metal wheel centre, splash and washproof



550–1,010 kg

Tread and tyre hardness
92 Shore A

Smooth operation / floor preservation
good

Rolling resistance
very good

Wear resistance
excellent

Blickle Extrathane®

Tread:
- high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A
- low rolling resistance
- high abrasion resistance
- high cut and tear propagation resistance
- colour light brown, non-marking, non-staining
- excellent chemical connection with the wheel centre

Wheel centre:
- metal

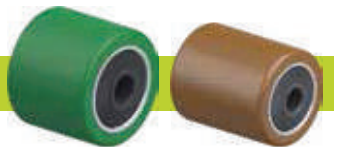
Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C
- optimal splash and washproof for ball bearing through combination of clearance sealing and slipping sealing

Additional details:
- wheel series: page 79
- tread: page 55
- bearing types: page 84–85
- chemical resistance: page 51

Rollers for pallet trucks	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]
HTHW 82x60/12-64K	82	60	550	ball bearing	12	64
HTHW 82x60/20-64K	82	60	550	ball bearing	20	64
HTHW 82x70/20-74K	82	70	640	ball bearing	20	74
HTHW 82x82/20-86K	82	82	750	ball bearing	20	86
HTHW 82x100/20-104K	82	100	920	ball bearing	20	104
HTHW 82x110/25-115K	82	110	1,010	ball bearing	25	115
HTHW 85x60/12-65K	85	60	560	ball bearing	12	65
HTHW 85x60/17-65K	85	60	560	ball bearing	17	65
HTHW 85x60/20-65K	85	60	560	ball bearing	20	65
HTHW 85x60/25-65K	85	60	560	ball bearing	25	65
HTHW 85x65/12-70K	85	65	610	ball bearing	12	70
HTHW 85x65/17-70K	85	65	610	ball bearing	17	70
HTHW 85x65/20-70K	85	65	610	ball bearing	20	70
HTHW 85x65/25-70K	85	65	610	ball bearing	25	70
HTHW 85x70/12-75K	85	70	660	ball bearing	12	75
HTHW 85x70/17-75K	85	70	660	ball bearing	17	75
HTHW 85x70/20-75K	85	70	660	ball bearing	20	75
HTHW 85x70/25-75K	85	70	660	ball bearing	25	75
HTHW 85x75/12-80K	85	75	720	ball bearing	12	80
HTHW 85x75/17-80K	85	75	720	ball bearing	17	80
HTHW 85x75/20-80K	85	75	720	ball bearing	20	80
HTHW 85x75/25-80K	85	75	720	ball bearing	25	80
HTHW 85x80/12-85K	85	80	770	ball bearing	12	85
HTHW 85x80/17-82K	85	80	770	ball bearing	17	82
HTHW 85x80/17-85K	85	80	770	ball bearing	17	85
HTHW 85x80/20-85K	85	80	770	ball bearing	20	85
HTHW 85x80/25-85K	85	80	770	ball bearing	25	85

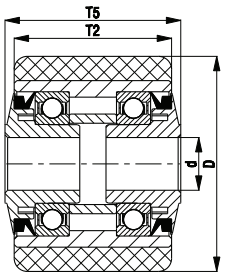
For other dimensions, please refer to the next page

Versions / options



	with Blickle Softhane® polyurethane tread	with Blickle Besthane® polyurethane tread
Technical description page	55	56
Product code suffix	**HSTW series**	**HBW series**
Available for	upon request*	upon request

* Hardness 75 Shore A



HTHW series, dimensions 85x85-85x110 mm

Rollers for pallet trucks with Blickle Extrathane® polyurethane tread, metal wheel centre, splash and washproof



820–1,060 kg

Tread and tyre hardness
92 Shore A

Smooth operation / floor preservation
good

Rolling resistance
very good

Wear resistance
excellent

Blickle Extrathane®

Tread:
- high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A
- low rolling resistance
- high abrasion resistance
- high cut and tear propagation resistance
- colour light brown, non-marking, non-staining
- excellent chemical connection with the wheel centre

Wheel centre:
- metal

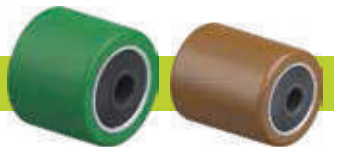
Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C
- optimal splash and washproof for ball bearing through combination of clearance sealing and slipping sealing

Additional details:
- wheel series: page 79
- tread: page 55
- bearing types: page 84–85
- chemical resistance: page 51

Rollers for pallet trucks	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]
HTHW 85x85/12-90K	85	85	820	ball bearing	12	90
HTHW 85x85/17-90K	85	85	820	ball bearing	17	90
HTHW 85x85/20-90K	85	85	820	ball bearing	20	90
HTHW 85x85/25-90K	85	85	820	ball bearing	25	90
HTHW 85x90/12-95K	85	90	850	ball bearing	12	95
HTHW 85x90/17-95K	85	90	850	ball bearing	17	95
HTHW 85x90/20-95K	85	90	850	ball bearing	20	95
HTHW 85x90/25-95K	85	90	850	ball bearing	25	95
HTHW 85x95/12-100K	85	95	910	ball bearing	12	100
HTHW 85x95/17-100K	85	95	910	ball bearing	17	100
HTHW 85x95/20-100K	85	95	910	ball bearing	20	100
HTHW 85x95/25-100K	85	95	910	ball bearing	25	100
HTHW 85x100/12-105K	85	100	960	ball bearing	12	105
HTHW 85x100/17-105K	85	100	960	ball bearing	17	105
HTHW 85x100/20-105K	85	100	960	ball bearing	20	105
HTHW 85x100/25-105K	85	100	960	ball bearing	25	105
HTHW 85x105/12-110K	85	105	1,010	ball bearing	12	110
HTHW 85x105/17-110K	85	105	1,010	ball bearing	17	110
HTHW 85x105/20-110K	85	105	1,010	ball bearing	20	110
HTHW 85x105/25-110K	85	105	1,010	ball bearing	25	110
HTHW 85x110/12-115K	85	110	1,060	ball bearing	12	115
HTHW 85x110/17-115K	85	110	1,060	ball bearing	17	115
HTHW 85x110/20-115K	85	110	1,060	ball bearing	20	115
HTHW 85x110/25-115K	85	110	1,060	ball bearing	25	115

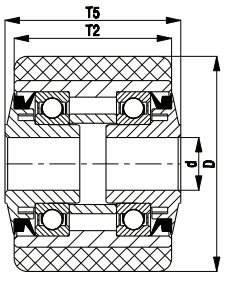
Other dimensions available upon request

Versions / options



	with Blickle Softhane® polyurethane tread	with Blickle Besthane® polyurethane tread
Technical description page	55	56
Product code suffix	**HSTW series**	**HBW series**
Available for	upon request*	upon request

* Hardness 75 Shore A



HPO series

Nylon rollers for pallet trucks



420–1,100 kg

Tread and tyre hardness
70 Shore D

Smooth operation / floor preservation
satisfactory

Rolling resistance
excellent

Wear resistance
good

Roller for pallet trucks:
- high-quality nylon 6, impact resistant, hardness 70 Shore D
- very low rolling resistance
- easy operation on smooth surfaces
- high abrasion resistance
- colour natural white

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +80 °C, reduced load capacity over +35 °C

Additional details:
- wheel series: page 79
- tread: page 57
- bearing types: page 84–85
- chemical resistance: page 51

Rollers for pallet trucks	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	ball bearing	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]
HPO 80x61/20-67K	80	61	600	6204 ZZV	20	67
HPO 80x70/20-76K	80	70	650	6204 ZZV	20	76
HPO 80x74/20-80K	80	74	700	6204 ZZV	20	80
HPO 82x54/20-54K	82	54	600	6204 ZZ	20	54
HPO 82x54/20-60K	82	54	600	6204 ZZV	20	60
HPO 82x60/20-60K	82	60	610	6204 ZZ	20	60
HPO 82x60/25-60K	82	60	610	6005 ZZ	25	60
HPO 82x62/20-65K	82	62	620	6204 ZZV	20	65
HPO 82x64/20-64K	82	64	650	6204 ZZ	20	64
HPO 82x66/20-72K	82	66	675	6204 ZZV	20	72
HPO 82x68/20-74K	82	68	675	6204 ZZV	20	74
HPO 82x70/20-62K	82	70	700	6204 ZZ	20	62
HPO 82x70/20-70K	82	70	700	6204 ZZ	20	70
HPO 82x73/20-79K	82	73	700	6204 ZZV	20	79
HPO 82x75/20-75K	82	75	750	6204 ZZ	20	75
HPO 82x79/20-85K	82	79	800	6204 ZZV	20	85
HPO 82x80/20-80K	82	80	800	6204 ZZ	20	80
HPO 82x84/20-84K	82	84	850	6204 ZZ	20	84
HPO 82x91/20-97K	82	91	900	6204 ZZV	20	97
HPO 82x93/20-93K	82	93	900	6204 ZZ	20	93
HPO 82x98/20-98K	82	98	975	6204 ZZ	20	98
HPO 82x100/20-100K	82	100	1,000	6204 ZZ	20	100
HPO 85x40/20-40K	85	40	420	6204 ZZ	20	40
HPO 85x60/17-60K	85	60	650	6303 ZZ	17	60
HPO 85x60/20-60K	85	60	650	6204 ZZ	20	60
HPO 85x65/20-65K	85	65	700	6204 ZZ	20	65
HPO 85x70/20-70K	85	70	750	6204 ZZ	20	70
HPO 85x75/17-78K *	85	75	800	6006 2RS	17	78
HPO 85x75/20-75K	85	75	800	6204 ZZ	20	75
HPO 85x80/20-80K	85	80	850	6204 ZZ	20	80
HPO 85x85/20-85K	85	85	900	6204 ZZ	20	85
HPO 85x90/20-90K	85	90	950	6204 ZZ	20	90
HPO 85x100/17-103K *	85	100	1,100	6006 2RS	17	103
HPO 85x100/20-100K	85	100	1,100	6204 ZZ	20	100

* With nylon socket

Other dimensions available upon request

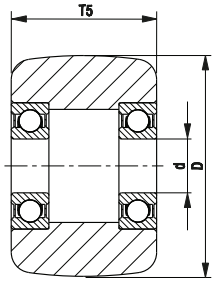
Versions / options



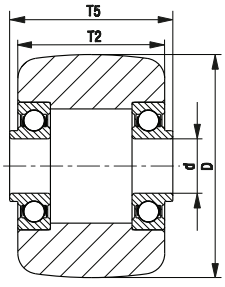
	with stainless steel ball bearing in the wheel hub	made from cast nylon for increased load capacity
Technical description page	84	57
Product code suffix	**-XK**	**HGSPO series**
Available for	upon request**	upon request

** Some dimensions may result in reduced load capacities

ball bearing



ball bearing ZZV



ALEV, ALST, ALTH, PO series

Front wheels for pallet trucks

500–800 kg



Wheel: ALEV series
- tyre: high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A, colour black
- wheel centre: die-cast aluminium
- overview wheel series page 63

Wheel: ALST series
- tread: high-quality polyurethane elastomer Blickle Softhane®, hardness 75 Shore A, colour green, non-marking, non-staining
- wheel centre: die-cast aluminium
- overview wheel series page 66

Wheel: ALTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre: die-cast aluminium
- overview wheel series page 65

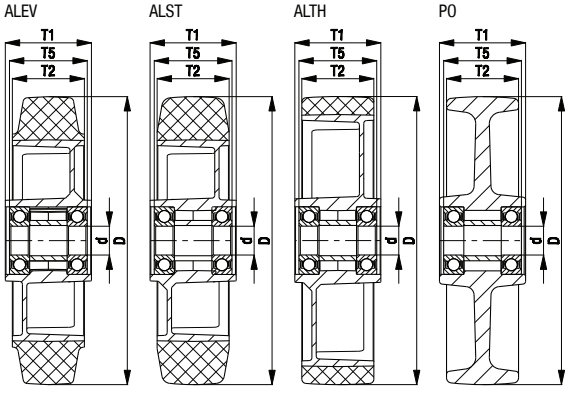
Wheel: PO series
- high-quality nylon 6, impact resistant, hardness 70 Shore D, colour natural white
- overview wheel series page 69

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]	Clamping length (T5) [mm]
ALEV series								
ALEV 200x50/20-54K	200	50	500	250	ball bearing	20	60	54
ALEV 200x50/25-50K	200	50	500	250	ball bearing	25	60	50
ALST series								
ALST 200x50/20-54K	200	50	700	300	ball bearing	20	60	54
ALST 200x50/25-50K	200	50	700	300	ball bearing	25	60	50
ALTH series								
ALTH 180x50/20-54K	180	50	700	350	ball bearing	20	60	54
ALTH 180x50/25-50K	180	50	700	350	ball bearing	25	60	50
ALTH 200x50/20-40K	200	50	800	400	ball bearing	20	50	40
ALTH 200X50/20-54K	200	50	800	400	ball bearing	20	60	54
ALTH 200x50/25-36K	200	50	800	400	ball bearing	25	50	36
ALTH 200x50/25-50K	200	50	800	400	ball bearing	25	60	50
PO series								
PO 200X50/20-54K	200	50	600	–	ball bearing	20	60	54
PO 200X50/25-50K	200	50	600	–	ball bearing	25	60	50

Versions / options



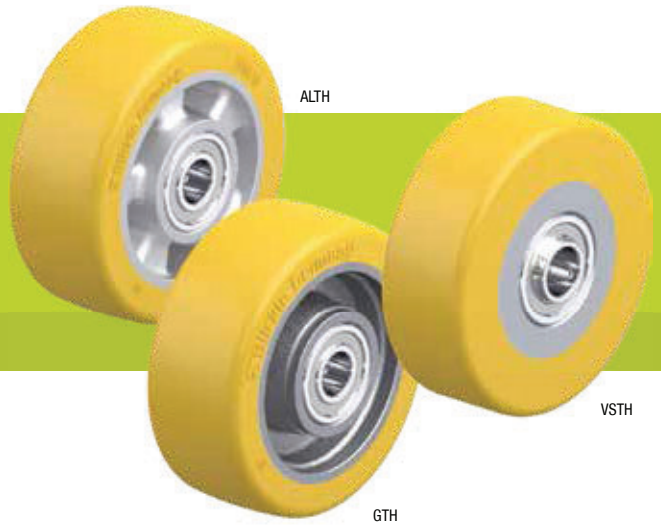
	with stainless steel ball bearing in the wheel hub
Technical description page	84
Product code suffix	**-XK**
Available for	upon request



ALTH, GTH, VSTH series

Heavy-duty wheels with Blickle Extrathane® polyurethane tread, with aluminium, cast iron or steel wheel centre

360–1,100 kg



Blickle Extrathane®

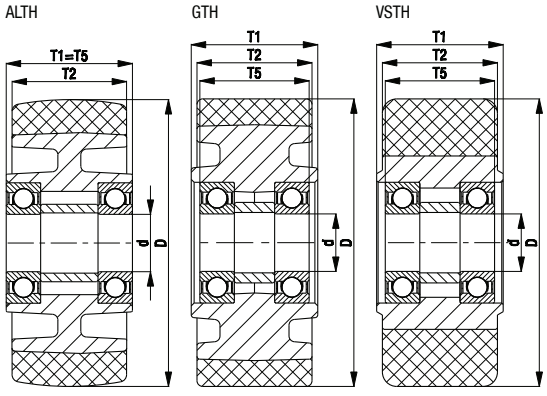
Wheel: ALTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre: die-cast aluminium
- overview wheel series page 65

Wheel: GTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre: rugged grey cast iron, lacquered, colour silver, with grease nipple from wheel Ø 150 mm
- overview wheel series page 66

Wheel: VSTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre: steel
- overview wheel series page 66

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]	Clamping length (T5) [mm]
ALTH series								
ALTH 101/15K *	100	40	420	–	ball bearing	15	40	40
ALTH 140/20K	140	54	800	400	ball bearing	20	60	60
GTH series								
GTH 101/20-50K	100	50	600	–	ball bearing	20	50	50
GTH 110x50/20-46K	110	50	650	–	ball bearing	20	50	46
GTH 125x40/20-48K	125	40	550	–	ball bearing	20	50	48
GTH 127/20-50K	125	50	700	350	ball bearing	20	50	50
GTH 127/25-50K	125	50	700	350	ball bearing	25	50	50
GTH 140X59/20-68K	140	59	800	400	ball bearing	20	68	68
GTH 140X59/25-54K	140	59	800	400	ball bearing	25	68	54
GTH 150/20-50K	150	50	800	400	ball bearing	20	50	50
GTH 150/20-58K	150	50	800	400	ball bearing	20	60	58
GTH 150X54/20-60K	150	54	850	420	ball bearing	20	60	60
GTH 150x55/25-59K	150	55	850	420	ball bearing	25	57	59
GTH 182/25K	180	65	1,100	550	ball bearing	25	75	75
VSTH series								
VSTH 100x40/20-40K	100	40	360	–	ball bearing	20	40	40
VSTH 100x40/20-44K	100	40	360	–	ball bearing	20	44	44
VSTH 100x40/20-43K	100	40	360	–	ball bearing	20	45	43
VSTH 100x40/25-40K	100	40	360	–	ball bearing	25	40	40
VSTH 120x50/25-50K	120	50	540	–	ball bearing	25	50	50
VSTH 125x43/20-49K	125	43	480	–	ball bearing	20	43	49

* With heavy-duty wheel centre, reinforced design



GB series

Heavy-duty wheels with Blickle Besthane® polyurethane tread, with cast iron wheel centre



450–1,200 kg

Tread and tyre hardness
92 Shore A

Smooth operation / floor preservation
good

Rolling resistance
excellent

Wear resistance
excellent

Blickle Besthane®

Tread:
- high-quality polyurethane elastomer Blickle Besthane®, hardness 92 Shore A
- very low rolling resistance
- **high dynamic load capacity**
- high abrasion resistance
- high cut and tear propagation resistance
- colour brown, non-marking, non-staining
- excellent chemical connection with the wheel centre

Wheel centre:
- rugged grey cast iron
- with grease nipple from wheel Ø 150 mm
- lacquered, colour silver

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

Additional details:
- wheel series: page 67
- tread: page 56
- bearing types: page 84–85
- chemical resistance: page 51

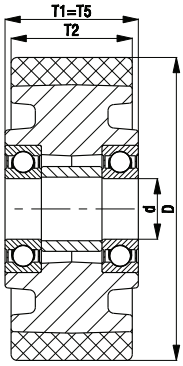
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Load capacity at 16 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]	Clamping length (T5) [mm]
GB 100/15K	100	40	450	–	–	ball bearing	15	40	40
GB 101/20-50K	100	50	600	–	–	ball bearing	20	50	50
GB 128/20K	125	60	850	590	340	ball bearing	20	60	60
GB 140/20K	140	54	900	630	360	ball bearing	20	60	60
GB 150/20-50K	150	50	800	560	320	ball bearing	20	50	50
GB 150x54/20-60K	150	54	950	660	380	ball bearing	20	60	60
GB 154/25-78K	150	80	1,200	840	480	ball bearing	25	78	78
GB 182/25K	180	65	1,100	770	440	ball bearing	25	75	75

Greatly increased load capacity is possible for applications without obstacles.
For other dimensions, see page 312

Versions / options



	hydrolysis resistant, with cast nylon wheel centre
Technical description page	56
Product code suffix	**GSPOB series**
Available for	upon request



Blickle®

GVU series

Heavy-duty wheels with Vulkollan® tread, with cast iron wheel centre



450–1,200 kg

Tread and tyre hardness
92 Shore A

Smooth operation / floor preservation
good

Rolling resistance
very good

Wear resistance
excellent

Made of VULKOLLAN®

Tread:
- high-quality polyurethane elastomer Vulkollan®, hardness 92 Shore A
- low rolling resistance
- **high dynamic load capacity**
- high abrasion resistance
- high cut and tear propagation resistance
- colour natural, non-marking, non-staining
- excellent chemical connection with the wheel centre

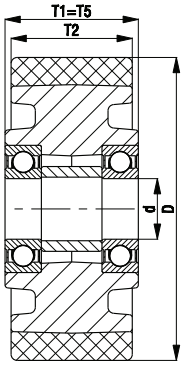
Wheel centre:
- rugged grey cast iron
- with grease nipple from wheel Ø 150 mm
- lacquered, colour silver

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

Additional details:
- wheel series: page 68
- tread: page 56
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Load capacity at 16 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]	Clamping length (T5) [mm]
GVU 100/15K	100	40	450	–	–	ball bearing	15	40	40
GVU 101/20-50K	100	50	600	–	–	ball bearing	20	50	50
GVU 128/20K	125	60	850	590	340	ball bearing	20	60	60
GVU 140/20K	140	54	900	630	360	ball bearing	20	60	60
GVU 150/20-50K	150	50	800	560	320	ball bearing	20	50	50
GVU 150x54/20-60K	150	54	850	590	340	ball bearing	20	60	60
GVU 154/25-78K	150	80	1,200	840	480	ball bearing	25	80	80
GVU 182/25K	180	65	1,100	770	440	ball bearing	25	75	75

For other dimensions, see page 326



VULKOLLAN® is a registered trademark of Covestro Group

Blickle®

RTH, RB, REV series

Wheels for stackers, drive and running wheels for forklift trucks



Wheel: RTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, low rolling resistance, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, excellent chemical connection with the wheel centre
  (see page 55 for a material description)
- wheel centre: rugged grey cast iron or ductile cast iron
- overview wheel series page 79

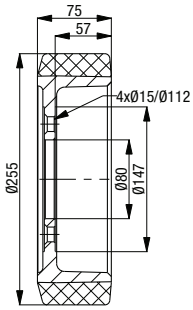
Wheel: RB series
- tread: high-quality polyurethane elastomer Blickle Besthane®, hardness 92 Shore A, very low rolling resistance, **high dynamic load capacity**, high abrasion resistance, high cut and tear propagation resistance, colour brown, non-marking, non-staining, excellent chemical connection with the wheel centre
  (see page 56 for a material description)
- wheel centre: rugged grey cast iron or ductile cast iron
- overview wheel series page 80

Wheel: REV series
- tyre: high-quality elastic solid rubber in drive-quality, hardness 70 Shore A, very good operational comfort, very good floor preservation, low-noise operation, colour black, non-marking
  (see page 53 for a material description)
- wheel centre: rugged grey cast iron or ductile cast iron
- overview wheel series page 79



Atlet

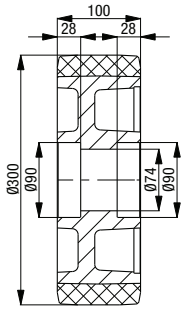
Suitable for manufacturer no.	Product code
78120	**RTH 255x75/80-4**





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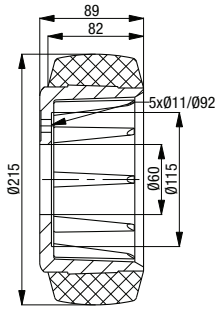
Suitable for manufacturer no.	Product code
74559	**RB 300x100/90x28**





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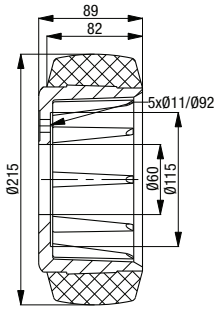
Suitable for manufacturer no.	Product code
129938	**REV 215X82/60-5**





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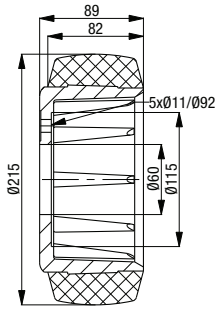
Suitable for manufacturer no.	Product code
127352	**REV 215x82/60-5-SG**





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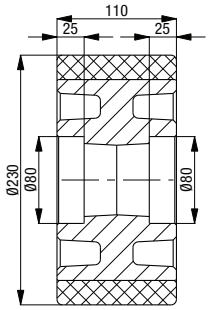
Suitable for manufacturer no.	Product code
129920	**RTH 215x82/60-5**





BT

Suitable for manufacturer no.	Product code
133862	**RTH 230x110/80x25**



Other dimensions available upon request

16

RTH, RB, REV series

Wheels for stackers, drive and running wheels for forklift trucks



Wheel: RTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, low rolling resistance, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, excellent chemical connection with the wheel centre
  (see page 55 for a material description)
- wheel centre: rugged grey cast iron or ductile cast iron
- overview wheel series page 79

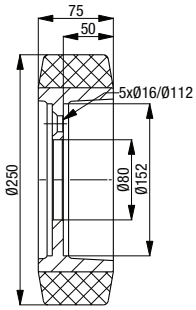
Wheel: RB series
- tread: high-quality polyurethane elastomer Blickle Besthane®, hardness 92 Shore A, very low rolling resistance, **high dynamic load capacity**, high abrasion resistance, high cut and tear propagation resistance, colour brown, non-marking, non-staining, excellent chemical connection with the wheel centre
  (see page 56 for a material description)
- wheel centre: rugged grey cast iron or ductile cast iron
- overview wheel series page 80

Wheel: REV series
- tyre: high-quality elastic solid rubber in drive-quality, hardness 70 Shore A, very good operational comfort, very good floor preservation, low-noise operation, colour black
  (see page 53 for a material description)
- wheel centre: rugged grey cast iron or ductile cast iron
- overview wheel series page 79



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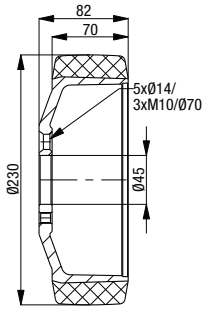
Suitable for manufacturer no.	Product code
138457	**RTH 250x75/80-5**





BV

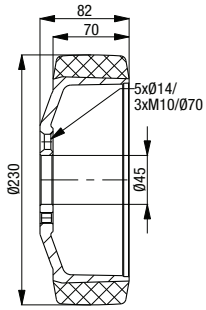
Suitable for manufacturer no.	Product code
3070056	**REV 230x70/45-5+3**





BV

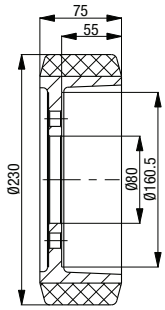
Suitable for manufacturer no.	Product code
3070053	**RTH 230x70/45-5+3**





BV

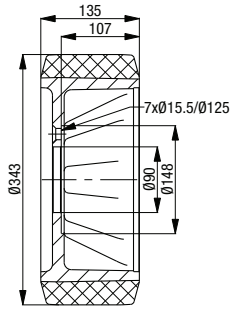
Suitable for manufacturer no.	Product code
3070068	**RTH 230x75/80-6**





Fenwick-Linde

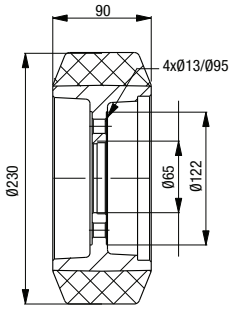
Suitable for manufacturer no.	Product code
29903814	**RB 343x135/90-7**





Fenwick-Linde

Suitable for manufacturer no.	Product code
39902305	**RTH 230x90/65-4**



Other dimensions available upon request

Blickle®

RTH, RB, REV series

Wheels for stackers, drive and running wheels for forklift trucks



Wheel: RTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, low rolling resistance, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, excellent chemical connection with the wheel centre
  (see page 55 for a material description)
- wheel centre: rugged grey cast iron or ductile cast iron
- overview wheel series page 79

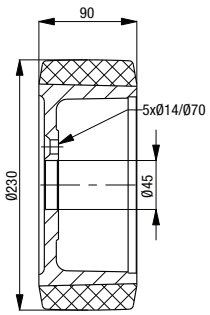
Wheel: RB series
- tread: high-quality polyurethane elastomer Blickle Besthane®, hardness 92 Shore A, very low rolling resistance, **high dynamic load capacity**, high abrasion resistance, high cut and tear propagation resistance, colour brown, non-marking, non-staining, excellent chemical connection with the wheel centre
  (see page 56 for a material description)
- wheel centre: rugged grey cast iron or ductile cast iron
- overview wheel series page 80

Wheel: REV series
- tyre: high-quality elastic solid rubber in drive-quality, hardness 70 Shore A, very good operational comfort, very good floor preservation, low-noise operation, colour black
  (see page 53 for a material description)
- wheel centre: rugged grey cast iron or ductile cast iron
- overview wheel series page 79



Fenwick-Linde

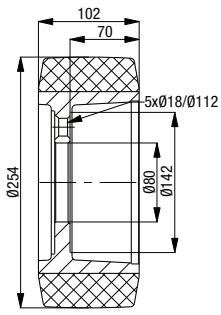
Suitable for manufacturer no.	Product code
39933826	**RB 230x90/45-5**





Fenwick-Linde

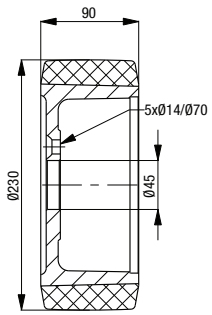
Suitable for manufacturer no.	Product code
39902311	**RB 254x102/80-5**





Fenwick-Linde

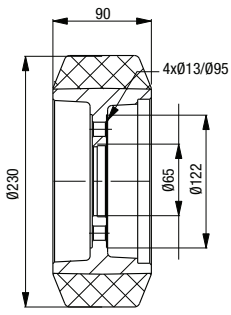
Suitable for manufacturer no.	Product code
39933824	**REV 230x90/45-5**





Fenwick-Linde

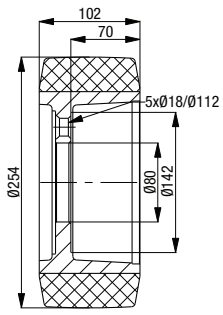
Suitable for manufacturer no.	Product code
39902310	**REV 230x90/65-4**





Fenwick-Linde

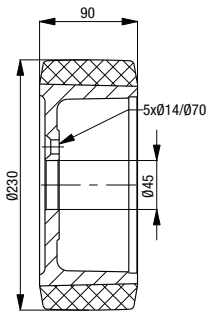
Suitable for manufacturer no.	Product code
39902308	**REV 254x102/80-5**





Fenwick-Linde

Suitable for manufacturer no.	Product code
39933826	**RTH 230x90/45-5**



Other dimensions available upon request

RTH, RB, REV series

Wheels for stackers, drive and running wheels for forklift trucks



Wheel: RTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, low rolling resistance, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, excellent chemical connection with the wheel centre
  (see page 55 for a material description)
- wheel centre: rugged grey cast iron or ductile cast iron
- overview wheel series page 79

Wheel: RB series
- tread: high-quality polyurethane elastomer Blickle Besthane®, hardness 92 Shore A, very low rolling resistance, **high dynamic load capacity**, high abrasion resistance, high cut and tear propagation resistance, colour brown, non-marking, non-staining, excellent chemical connection with the wheel centre
  (see page 56 for a material description)
- wheel centre: rugged grey cast iron or ductile cast iron
- overview wheel series page 80

Wheel: REV series
- tyre: high-quality elastic solid rubber in drive-quality, hardness 70 Shore A, very good operational comfort, very good floor preservation, low-noise operation, colour black
  (see page 53 for a material description)
- wheel centre: rugged grey cast iron or ductile cast iron
- overview wheel series page 79



Fenwick-Linde

Suitable for manufacturer no.	Product code
9815054219	**RB 343x135/80-7**



Jungheinrich

Suitable for manufacturer no.	Product code
51130049	**RB 343x110/90-7**



Jungheinrich

Suitable for manufacturer no.	Product code
6313503	**RB 343x114/80-7**



Jungheinrich

Suitable for manufacturer no.	Product code
6319050	**REV 230x70/45-5+3**



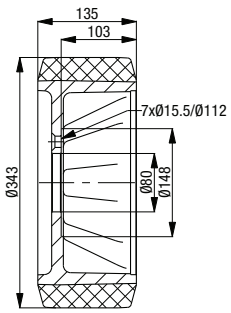
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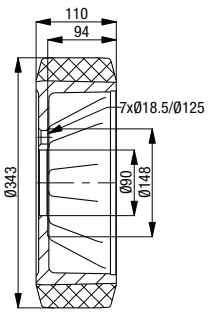
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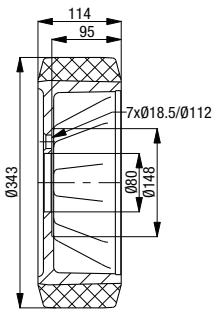


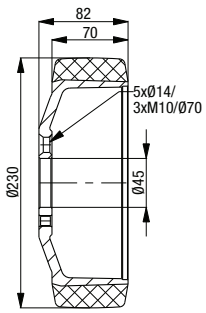
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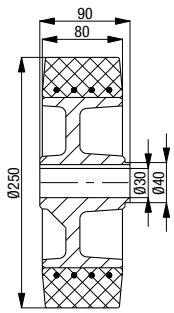
Suitable for manufacturer no.	Product code
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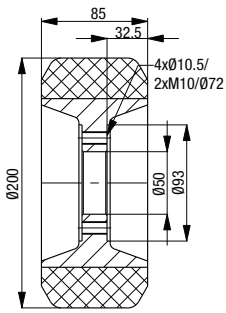












Other dimensions available upon request

Blickle®

RTH, RB series

Wheels for stackers, drive and running wheels for forklift trucks



Wheel: RTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, low rolling resistance, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, excellent chemical connection with the wheel centre
  (see page 55 for a material description)
- wheel centre: rugged grey cast iron or ductile cast iron
- overview wheel series page 79

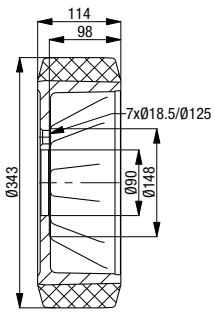
Wheel: RB series
- tread: high-quality polyurethane elastomer Blickle Besthane®, hardness 92 Shore A, very low rolling resistance, **high dynamic load capacity**, high abrasion resistance, high cut and tear propagation resistance, colour brown, non-marking, non-staining, excellent chemical connection with the wheel centre
  (see page 56 for a material description)
- wheel centre: rugged grey cast iron or ductile cast iron
- overview wheel series page 80



Jungheinrich

Suitable for manufacturer no.
50262633

Product code
RB 343x114/90-7

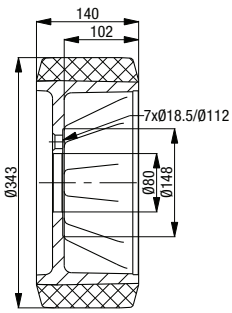




Jungheinrich

Suitable for manufacturer no.
63145890

Product code
RB 343x140/80-7

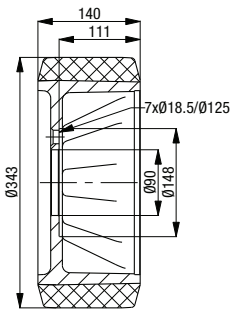




Jungheinrich

Suitable for manufacturer no.
50429920

Product code
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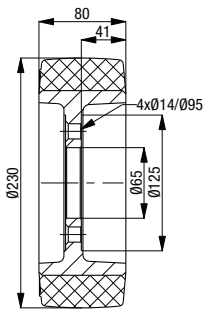




Jungheinrich

Suitable for manufacturer no.
77800067

Product code
RTH 230x80/65-4-75SH

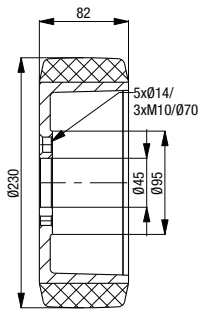




Jungheinrich

Suitable for manufacturer no.
63215600

Product code
RTH 230x82/45-5+3

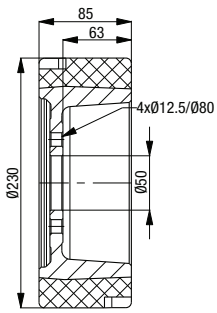




Jungheinrich

Suitable for manufacturer no.
7134004

Product code
RTH 230x85/50-4-GL



Other dimensions available upon request

16

Blickle®

RTH, REV, RVU series

Wheels for stackers, drive and running wheels for forklift trucks



Wheel: RTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, low rolling resistance, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, excellent chemical connection with the wheel centre
  (see page 55 for a material description)
- wheel centre: rugged grey cast iron or ductile cast iron
- overview wheel series page 79

Wheel: REV series
- tyre: high-quality elastic solid rubber in drive-quality, hardness 70 Shore A, very good operational comfort, very good floor preservation, low-noise operation, colour black
  (see page 53 for a material description)
- wheel centre: rugged grey cast iron or ductile cast iron
- overview wheel series page 79

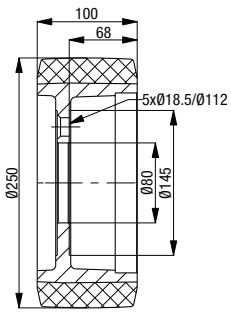
Wheel: RVU series
- tread: high-quality polyurethane elastomer Vulkollan®, hardness 92 Shore A, low rolling resistance, **high dynamic load capacity**, high abrasion resistance, high cut and tear propagation resistance, colour natural, non-marking, excellent chemical connection with the wheel centre
  (see page 56 for a material description)
- wheel centre: rugged grey cast iron or ductile cast iron
- overview wheel series page 80



Jungheinrich

Suitable for manufacturer no.
9903813

Product code
RVU 250x100/80-5

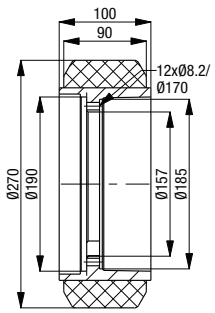




Loc

Suitable for manufacturer no.
539134

Product code
RTH 270x90/157-12

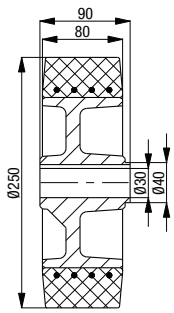




Mic

Suitable for manufacturer no.
28862

Product code
REV 250x80/30-90-N

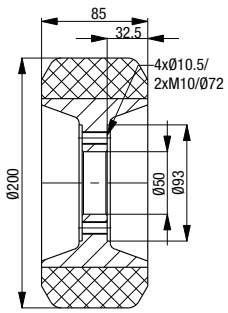




Mic

Suitable for manufacturer no.
506318547

Product code
RTH 200x85/50-4+2

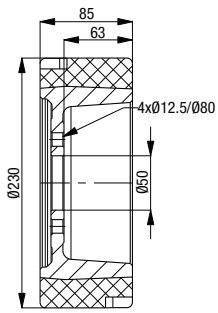




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Suitable for manufacturer no.
58259

Product code
RTH 230x85/50-4-GL

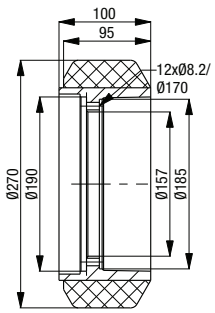




Mic

Suitable for manufacturer no.
200117240

Product code
RTH 270x95/157-12



Other dimensions available upon request

Made of VULKOLLAN® **VULKOLLAN® is a registered trademark of Covestro Group**

Blickle®

RTH series

Wheels for stackers, drive and running wheels for forklift trucks

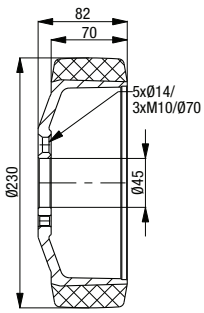


Wheel: RTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, low rolling resistance, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, excellent chemical connection with the wheel centre
  (see page 55 for a material description)
- wheel centre: rugged grey cast iron or ductile cast iron
- overview wheel series page 79



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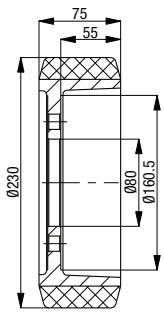
Suitable for manufacturer no.	Product code
95309393	**RTH 230x70/45-5+3**





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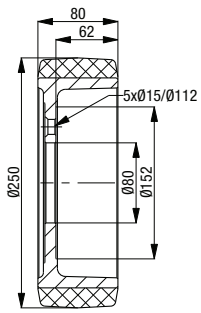
Suitable for manufacturer no.	Product code
95309172	**RTH 230x75/80-6**





Pimespo

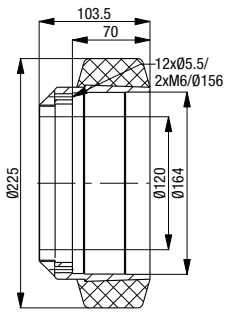
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81504005	**RTH 250x80/80-5-PI**





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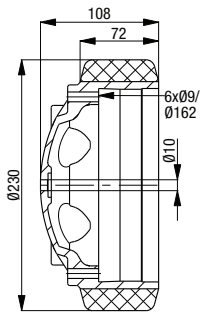
Suitable for manufacturer no.	Product code
68352	**RTH 225x70/120-12-P**





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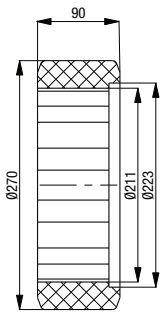
Suitable for manufacturer no.	Product code
55667	**RTH 230x72/10-6-P**





Steinbock

Suitable for manufacturer no.	Product code
29093	**RTH 270x90/211**



Other dimensions available upon request

RTH, RB, RVU series

Wheels for stackers, drive and running wheels for forklift trucks



Wheel: RTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, low rolling resistance, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, excellent chemical connection with the wheel centre
  (see page 55 for a material description)
- wheel centre: rugged grey cast iron or ductile cast iron
- overview wheel series page 79

Wheel: RB series
- tread: high-quality polyurethane elastomer Blickle Besthane®, hardness 92 Shore A, very low rolling resistance, **high dynamic load capacity**, high abrasion resistance, high cut and tear propagation resistance, colour brown, non-marking, non-staining, excellent chemical connection with the wheel centre
  (see page 56 for a material description)
- wheel centre: rugged grey cast iron or ductile cast iron
- overview wheel series page 80

Wheel: RVU series
- tread: high-quality polyurethane elastomer Vulkollan®, hardness 92 Shore A, low rolling resistance, **high dynamic load capacity**, high abrasion resistance, high cut and tear propagation resistance, colour natural, non-marking, excellent chemical connection with the wheel centre
  (see page 56 for a material description)
- wheel centre: rugged grey cast iron or ductile cast iron
- overview wheel series page 80



Still

Suitable for manufacturer no.
359920

Product code
RB 230x75/45-5



Still

Suitable for manufacturer no.
9903803

Product code
RB 250x100/80-5



Still

Suitable for manufacturer no.
9933831

Product code
RB 260x80/150-8+2



Still

Suitable for manufacturer no.
359920

Product code
RTH 230x75/45-5



Still

Suitable for manufacturer no.
5453870

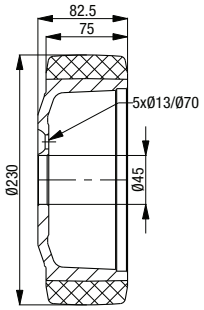
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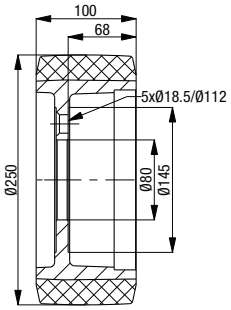


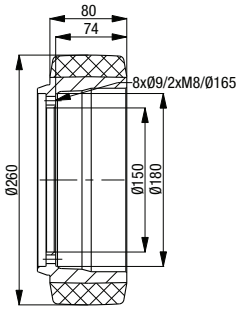
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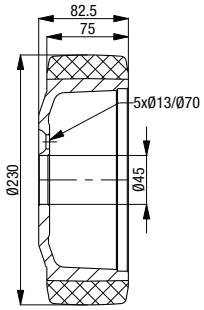
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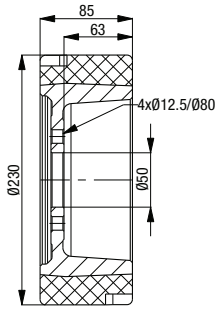
Product code
RVU 230x70/45-5+3

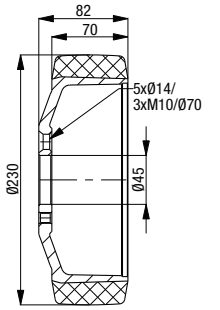












Other dimensions available upon request

Made of VULKOLLAN® **VULKOLLAN® is a registered trademark of Covestro Group**

Blickle®

RTH, RB series

Wheels for stackers, drive and running wheels for forklift trucks



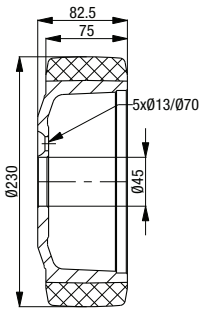
Wheel: RTH series
- tread: high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A, low rolling resistance, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, excellent chemical connection with the wheel centre
  (see page 55 for a material description)
- wheel centre: rugged grey cast iron or ductile cast iron
- overview wheel series page 79

Wheel: RB series
- tread: high-quality polyurethane elastomer Blickle Besthane®, hardness 92 Shore A, very low rolling resistance, **high dynamic load capacity**, high abrasion resistance, high cut and tear propagation resistance, colour brown, non-marking, non-staining, excellent chemical connection with the wheel centre
  (see page 56 for a material description)
- wheel centre: rugged grey cast iron or ductile cast iron
- overview wheel series page 80



Still

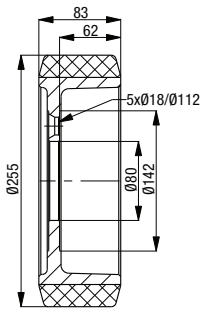
Suitable for manufacturer no.	Product code
359920	**RTH 230x75/45-5**





Stöcklin

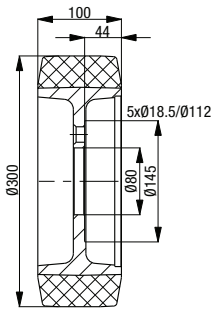
Suitable for manufacturer no.	Product code
360503	**RTH 255x83/80-5**





Wagner

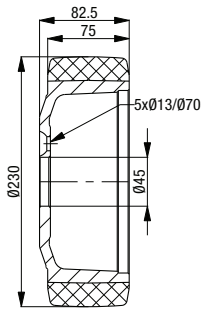
Suitable for manufacturer no.	Product code
334295	**RB 300x100/80-5**





Wagner

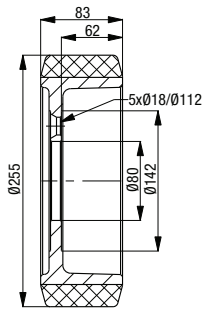
Suitable for manufacturer no.	Product code
359920	**RTH 230x75/45-5**





Wagner

Suitable for manufacturer no.	Product code
305061	**RTH 255x83/80-5**



Other dimensions available upon request

16



17

Tyres and press-on bands



Selection tool

Tyres and press-on bands







Series	BSEV	BEV…-ZDG	BEV…-ZST
Category	Tyre	Press-on bands	
Tread / tyre	Super-elastic solid rubber	Elastic solid rubber, smooth rolling quality	Elastic solid rubber, drive quality
Tread and tyre hardness	70 Shore A	65 Shore A	65 Shore A
Non-marking	optional	optional	optional
Tyre or outer Ø	250–525 mm	125–610 mm	150–620 mm
Load capacity up to	2,260 kg	2,700 kg	5,580 kg
Rim connection	tough rubber core, steel-wire reinforced	press-on band with steel insert	press-on band on steel-band
Coefficient of friction μ (on smooth dry concrete)	> 0.6	> 0.6	> 0.6
Rolling resistance	■■■□□	■■■■□	■■■■□
Smooth operation and floor preservation	■■■■□	■■■■□	■■■■□
Speeds up to	25 km/h	16 km/h	16 km/h
Hydrolysis resistant	✔	✔	✔
For a description of the wheel, refer to	page 584–585	page 586	page 587

■■■■■ excellent ■■■■ very good ■■■ good ■■ satisfactory ■ adequate ✔ yes – no





BTH	BB
Press-on bands	
Polyurethane-elastomer Blickle Extrathane®	Polyurethane-elastomer Blickle Besthane®
92 Shore A	92 Shore A
✔	✔
125–610 mm	125–645 mm
7,200 kg	12,000 kg
steel-band	steel-band
> 0.25	> 0.25
■■■■□	■■■■■
■■■□□	■■■□□
10 km/h	16 km/h
–	✔
page 588	page 589

BSEV series with ribbed profile

Super-elastic solid rubber tyres



480–1,140 kg

Tread and tyre hardness
70 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
good

Wear resistance
good

Tyre:
- super-elastic solid rubber, steel-wire reinforced, hardness 70 Shore A
- very good operational comfort
- very good floor preservation, low-noise operation
- colour black
- wheel Ø 250–306 mm: 2-component tyre, highly-elastic, abrasion-resistant tread
- wheel Ø 405 mm: 3-component tyre, highly-elastic cushion layer, abrasion-resistant tread

Other features:
- chemical resistance to many aggressive substances, except oils
- operating temperature: -30 °C to +80 °C, temporarily up to +100 °C, reduced load capacity over +60 °C
- tyre for installation on the standard rims specified in the table

Additional details:
- wheel series: page 80
- tread: page 54
- chemical resistance: page 51

Tyre	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Tyre size	Rim dimensions	Load capacity at 4 km/h [kg]	Load capacity at 6 km/h [kg]	Load capacity at 25 km/h [kg]	Profile type
BSEV 3.00-4-RP	250	85	3.00-4	2.10-4	480	400	300	R50
BSEV 3.00-4/2.50-4-RP	250	85	3.00-4	2.50C-4	720	600	475	R50
BSEV 4.00-4-RP	306	105	4.00-4	2.50C-4	840	700	535	R50
BSEV 4.00-8-RP	405	105	4.00-8	3.00D-8	1,140	950	730	R50

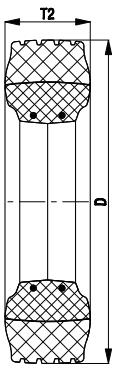
The tyre dimensions provided here apply to new tyres that are not bearing a load. The dimensions may change when they are in use.
Other dimensions available upon request

Versions / options

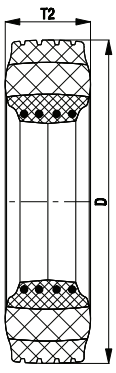


	with non-marking grey tyre	other versions
Technical description page	52	
Product code suffix	**-SG**	
Available for	upon request	upon request

tyre Ø 250–306 mm



tyre Ø 405 mm



BSEV series with zig-zag profile

Super-elastic solid rubber tyres



480–2,260 kg

Tread and tyre hardness
70 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
good

Wear resistance
good

Tyre:
- super-elastic solid rubber, steel-wire reinforced, hardness 70 Shore A
- very good operational comfort
- very good floor preservation, low-noise operation
- colour black
- wheel Ø 250-306 mm: 2-component tyre, highly-elastic, abrasion-resistant tread
- wheel Ø 405–525 mm: 3-component tyre, highly-elastic cushion layer, abrasion-resistant tread

Other features:
- chemical resistance to many aggressive substances, except oils
- operating temperature: -30 °C to +80 °C, temporarily up to +100 °C, reduced load capacity over +60 °C
- tyre for installation on the standard rims specified in the table

Additional details:
- wheel series: page 80
- tread: page 54
- chemical resistance: page 51

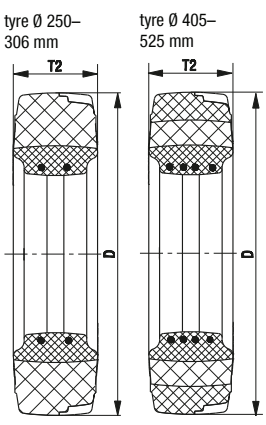
Tyre	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Tyre size	Rim dimensions	Load capacity at 4 km/h [kg]	Load capacity at 6 km/h [kg]	Load capacity at 25 km/h [kg]	Profile type
BSEV 3.00-4	250	85	3.00-4	2.10-4	480	400	300	B51
BSEV 3.00-4/2.50-4	250	85	3.00-4	2.50C-4	720	600	475	B51
BSEV 4.00-4	306	105	4.00-4	2.50C-4	840	700	535	B50
BSEV 4.00-8	405	105	4.00-8	3.00D-8	1,140	950	730	B50
BSEV 5.00-8	455	120	5.00-8	3.00D-8	1,700	1,415	1,090	B50
BSEV 6.00-9	525	140	6.00-9	4.00E-9	2,260	1,885	1,450	B50

The tyre dimensions provided here apply to new tyres that are not bearing a load. The dimensions may change when they are in use.
Other dimensions available upon request

Versions / options



	size 250x85 mm, zig-zag profile B51	with non-marking grey tyre	other versions
Technical description page		52	
Product code suffix		**-SG**	
Available for		upon request	upon request



Blickle®

BEV...-ZDG series

Elastic solid rubber press-on bands with steel insert



190–2,700 kg

Tread and tyre hardness
65 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
very good

Wear resistance
good

Press-on band:
- high-quality elastic solid rubber in smooth rolling quality, hardness 65 Shore A
- very good operational comfort
- low rolling resistance
- very good floor preservation, low-noise operation
- colour black
- steel-wire reinforced
- for wheel centre with outer diameter tolerance h11

Other features:
- high chemical resistance to many aggressive substances, except oils
- operating temperature: -30 °C to +80 °C, temporarily up to +100 °C, reduced load capacity over +60 °C

Additional details:
- wheel series: page 80
- tread: page 53
- chemical resistance: page 51

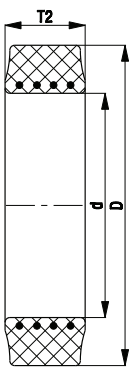
Press-on bands	Outer Ø (D) [mm]	Width (T2) [mm]	Internal Ø (d) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Load capacity at 16 km/h [kg]
BEV 125x50/75-ZDG	125	50	75	190	130	100
BEV 160x50/100-ZDG	160	50	100	300	200	150
BEV 200x50/140-ZDG	200	50	140	420	280	180
BEV 200x75/100-ZDG	200	75	100	600	400	300
BEV 250x50/190-ZDG	250	50	190	540	360	270
BEV 250x60/170-ZDG	250	60	170	660	440	330
BEV 250x60/190-ZDG	250	60	190	630	420	320
BEV 250x75/140-ZDG	250	75	140	750	500	380
BEV 250x80/170-ZDG	250	80	170	810	540	410
BEV 250x130/140-ZDG	250	130	140	1,270	875	760
BEV 280x50/220-ZDG	280	50	220	630	420	320
BEV 300x75/220-ZDG	300	75	220	900	600	450
BEV 300x85/170-ZDG	300	85	170	960	640	480
BEV 300x90/203-ZDG	300	90	203	1,080	720	540
BEV 360x60/270-ZDG	360	60	270	900	600	450
BEV 360x75/270-ZDG	360	75	270	1,140	760	570
BEV 400x65/305-ZDG	400	65	305	1,080	720	540
BEV 400x75/305-ZDG	400	75	305	1,200	800	600
BEV 405x130/305-ZDG	405	130	305	1,800	1,200	900
BEV 415x90/305-ZDG	415	90	305	1,380	920	690
BEV 425x150/305-ZDG	425	150	305	2,160	1,450	1,100
BEV 500x85/370-ZDG	500	85	370	1,560	1,050	780
BEV 520x100/370-ZDG	520	100	370	1,830	1,225	920
BEV 610x150/410-ZDG	610	150	410	2,700	1,800	1,350

Other dimensions available upon request

Versions / options



	with non-marking natural colour tyre	other versions
Technical description page	53	
Product code suffix	**-SN**	
Available for	upon request	upon request



BEV...-ZST series

Elastic solid rubber press-on bands vulcanised onto steel-band



300–5,580 kg

Tread and tyre hardness
65 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
very good

Wear resistance
good

Press-on band:
- high-quality elastic solid rubber in drive-quality, hardness 65 Shore A
- very good operational comfort
- low rolling resistance
- abrasion-resistant
- very good floor preservation, low-noise operation
- colour black
- vulcanised on the steel-band
- for wheel centre with outer diameter tolerance h11

Other features:
- chemical resistance to many aggressive substances, except oils
- operating temperature: -30 °C to +80 °C, temporarily up to +100 °C, reduced load capacity over +60 °C

Additional details:
- wheel series: page 81
- tread: page 53
- chemical resistance: page 51

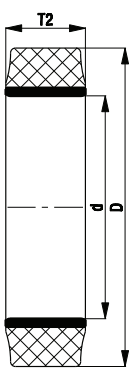
Press-on bands	Outer Ø (D) [mm]	Width (T2) [mm]	Internal Ø (d) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Load capacity at 16 km/h [kg]
BEV 150x75/100-ZST	150	75	70	450	300	230
BEV 160x50/100-ZST	160	50	100	300	200	–
BEV 200x50/140-ZST	200	50	140	420	280	–
BEV 200x75/100-ZST	200	75	100	600	400	300
BEV 250x60/190-ZST	250	60	190	630	420	300
BEV 250x75/140-ZST	250	75	140	750	500	400
BEV 250x80/170-ZST	250	80	170	810	540	440
BEV 250x105/170-ZST	250	105	170	940	645	590
BEV 250x130/140-ZST	250	130	140	1,270	875	800
BEV 280x50/220-ZST	280	50	220	630	600	260
BEV 285x75/220-ZST	285	75	220	–	–	425
BEV 300x85/170-ZST	300	85	170	960	640	480
BEV 300x90/203-ZST	300	90	203	900	625	540
BEV 300x100/203-ZST	300	100	203	1,050	715	620
BEV 360x60/270-ZST	360	60	270	900	600	390
BEV 360x75/270-ZST	360	75	270	1,140	760	570
BEV 360x85/270-ZST	360	85	270	1,260	840	635
BEV 405x65/305-ZST	405	65	305	–	–	475
BEV 405x130/305-ZST	405	130	305	1,800	1,240	1,130
BEV 415x75/305-ZST	415	75	305	1,050	–	590
BEV 415x100/305-ZST	415	100	305	1,330	915	835
BEV 425x150/305-ZST	425	150	305	2,290	1,570	1,430
BEV 450x300/305-ZST	450	300	305	5,580	3,820	3,490
BEV 457x152/308-ZST	457 (18″)	152 (6″)	308 (12 1/8″)	2,510	1,720	1,575
BEV 457x178/308-ZST	458 (18″)	178 (7″)	309 (12 1/8″)	3,060	2,095	1,915
BEV 457x229/308-ZST	459 (18″)	229 (9″)	310 (12 1/8″)	4,150	2,840	2,595
BEV 520x120/370-ZST	520	120	370	2,150	1,310	1,195
BEV 540x200/410-ZST	540	200	410	4,200	2,570	2,335
BEV 550x150/370-ZST	550	150	370	3,010	1,845	1,675
BEV 550x160/410-ZST	550	160	410	3,060	2,095	1,915
BEV 560x100/410-ZST	560	100	410	1,620	1,105	1,010
BEV 610x150/410-ZST	610	150	410	3,000	2,055	1,875
BEV 620x200/410-ZST	620	200	410	4,540	3,105	2,835

Other dimensions available upon request

Versions / options



	with non-marking natural colour tyre	other versions
Technical description page	53	
Product code suffix	**-SN**	
Available for	upon request	upon request



Blickle®

BTH series

Press-on bands with polyurethane tread Blickle Extrathane®



500–7,200 kg

Tread and tyre hardness
92 Shore A

Smooth operation / floor preservation
good

Rolling resistance
very good

Wear resistance
excellent

Blickle Extrathane®

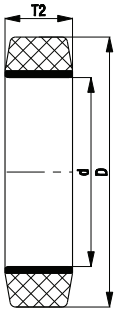
Tread:
- high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A
- low rolling resistance
- high abrasion resistance
- high cut and tear propagation resistance
- colour light brown, non-marking, non-staining
- excellent chemical connection with the steel-band
- for wheel centre with outer diameter tolerance h11

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -30 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

Additional details:
- wheel series: page 81
- tread: page 55
- chemical resistance: page 51

Press-on bands	Outer Ø (D) [mm]	Width (T2) [mm]	Internal Ø (d) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]
BTH 125x40/75	125	40	75	500	–
BTH 125x50/75	125	50	75	660	260
BTH 150x50/100	150	50	100	780	310
BTH 150x75/100	150	75	100	1,100	450
BTH 150x130/100	150	130	100	1,950	780
BTH 160x50/100	160	50	100	780	310
BTH 180x50/120	180	50	120	900	360
BTH 180x75/120	180	75	120	1,300	520
BTH 180x100/105	180	100	105	1,650	660
BTH 200x50/140	200	50	140	1,000	400
BTH 200x60/150	200	60	150	1,200	480
BTH 200x75/100	200	75	100	1,300	520
BTH 200x80/120	200	80	120	1,400	570
BTH 200x85/105	200	85	105	1,550	620
BTH 200x105/120	200	105	120	1,900	760
BTH 200x130/105	200	130	105	2,250	900
BTH 230x85/170	230	85	170	1,900	760
BTH 250x50/190	250	50	190	1,200	480
BTH 250x60/190	250	60	190	1,400	570
BTH 250x80/170	250	80	170	1,800	720
BTH 250x105/170	250	105	170	2,500	1,000
BTH 250x130/140	250	130	140	2,600	1,200
BTH 254x127/165	254 (10″)	127 (5″)	165,1 (6,5″)	2,600	1,050
BTH 260x105/170	260	105	170	2,600	1,000
BTH 285x75/220	285	75	220	2,000	800
BTH 285x100/200	285	100	200	2,750	1,100
BTH 285x100/228	285	100	228,6 (9″)	2,750	1,100
BTH 290x105/185	290	105	185	2,750	1,100
BTH 300x90/203	300	90	203	2,400	960
BTH 343x115/245	343	115	245	3,600	1,400
BTH 350x110/270	350	110	270	3,450	1,350
BTH 360x120/220	360	120	220	3,950	1,550
BTH 405x130/305	405	130	305	4,550	1,800
BTH 415x100/305	415	100	305	3,600	1,400
BTH 610x150/410	610	150	410	7,200	2,850

Other dimensions available upon request



Blickle®

BB series

Press-on bands with polyurethane tread
Blickle Besthane®



500–12,000 kg

Tread and tyre hardness
92 Shore A

Smooth operation / floor preservation
good

Rolling resistance
excellent

Wear resistance
excellent

Blickle Besthane®

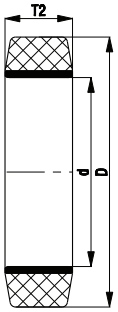
Tread:
- high-quality polyurethane elastomer Blickle Besthane®, hardness 92 Shore A
- very low rolling resistance
- **high dynamic load capacity**
- high abrasion resistance
- high cut and tear propagation resistance
- colour brown, non-marking, non-staining
- excellent chemical connection with the steel-band
- for wheel centre with outer diameter tolerance h11

Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -30 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

Additional details:
- wheel series: page 81
- tread: page 56
- chemical resistance: page 51

Press-on bands	Outer Ø (D) [mm]	Width (T2) [mm]	Internal Ø (d) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Load capacity at 16 km/h [kg]
BB 125x40/75	125	40	75	500	–	–
BB 125x50/75	125	50	75	660	380	190
BB 150x50/100	150	50	100	780	450	230
BB 150x130/100	150	130	100	1,950	1,100	580
BB 200x50/140	200	50	140	1,000	550	300
BB 200x75/100	200	75	100	1,300	750	390
BB 200x80/120	200	80	120	1,400	800	420
BB 200x130/105	200	130	105	2,250	1,300	670
BB 230x85/170	230	85	170	1,900	1,000	570
BB 250x50/190	250	50	190	1,200	700	360
BB 250x80/170	250	80	170	1,800	1,000	540
BB 250x130/140	250	130	140	2,600	1,500	780
BB 285x75/220	285	75	220	2,000	1,200	600
BB 310x60/220	310	60	220	1,650	1,000	490
BB 310x120/220	310	120	220	3,000	1,750	900
BB 343x115/245	343	115	245	3,600	2,100	1,050
BB 343x140/245	343	140	245	4,200	2,400	1,250
BB 360x60/270	360	60	270	1,900	1,100	570
BB 415x90/305	415	90	305	3,200	1,800	960
BB 645x250/500	645	250	500	12,000	7,000	3,600

Greatly increased load capacity is possible for applications without obstacles.
Other dimensions available upon request



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Special systems and solutions



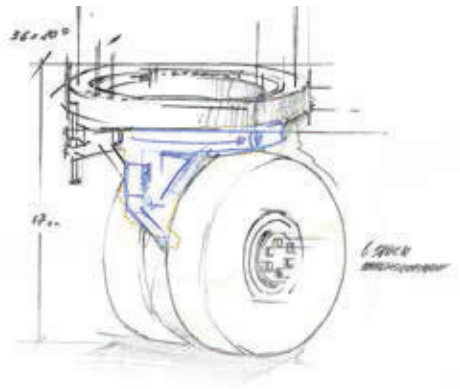
Blickle®

Listen. Consider. Realise.

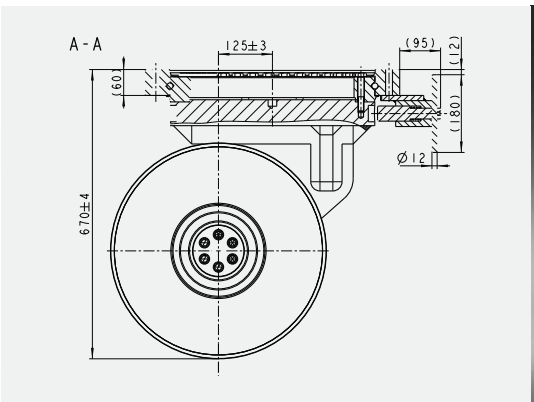
Our strength: Customise.



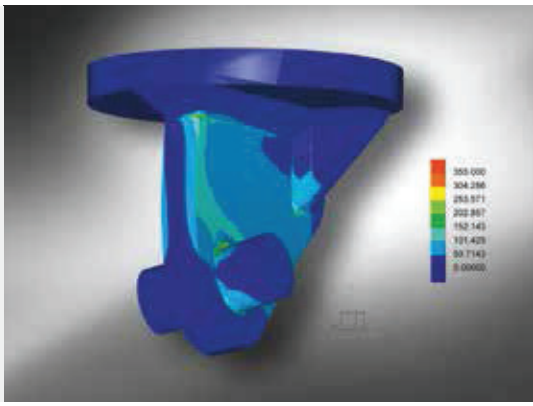
Your requirements. Our idea.



Design. Drawings.



Details. Calculation.



Blickle®

Listen. Consider. Realise.

Our strength: Customise.

In addition to our standard ranges, we also provide a wide range of tailored special solutions for customer-specific applications.

We aim to provide the perfect wheel or castor to meet any requirement. We will draw on our expertise and experience to develop your tailored special solution in partnership with you. You give us your requirements and we make them a reality. We handle every stage of the process: from the first design drawings through to calculations and the manufacturing itself.

The components for our extensive standard range are manufactured in large quantities using highly-automated processes. Special solutions are frequently based on these well-established standard components. This allows us to realise customer-specific solutions in a quick and cost-effective manner.



The perfect result: your individual solution.

Tooling. Production.



Special systems and solutions

Swivel castors with dead man's brake

400 kg





Swivel castors with dead man's brake:
- Swivel castors with a dead man's brake are similar to drum-braked castors, but use an integrated spring for braking when the brake is not activated.
- The brake is activated by a hexagonal rod connected to the cam housing.
- The closed bracket design makes the brake shoes largely resistant to corrosion and dirt. This ensures that braking performance remains consistent regardless of moisture and dirt in the area.



Swivel castors with a dead man's brake and swivel head brake:
- Swivel castors with a dead man's brake and swivel head brake are similar to drum-braked castors, but use an integrated spring for braking when the brake is not activated.
- Positive locking is used to stop the swivel head rotating.
- The brake is activated by a hexagonal rod connected to the cam housing.
- The closed bracket design makes the brake shoes largely resistant to corrosion and dirt. This ensures that braking performance remains consistent regardless of moisture and dirt in the area.



Wheels: GEV series:
- tyres: high-quality elastic solid rubber in smooth rolling quality, hardness 65 Shore A, non-marking, grey
- wheel centre: made from robust grey cast iron, lacquered, colour silver
- brake mechanism: integrated into the wheel centre, zinc-plated, blue-passivated, Cr6-free



Wheels: GST series:
- tread: high-quality polyurethane-elastomer Blickle Softhane®, hardness 75 Shore A, colour green, non-marking, non-staining
- wheel centre: made from robust grey cast iron, lacquered, colour silver
- brake mechanism: integrated into the wheel centre, zinc-plated, blue-passivated, Cr6-free



Wheels: GTH series:
- tread: high-quality polyurethane-elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre: made from robust grey cast iron, lacquered, colour silver
- brake mechanism: integrated into the wheel centre, zinc-plated, blue-passivated, Cr6-free

Swivel castors with dead man's brake	Swivel castors with a dead man's brake and swivel head brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Width across flats [mm]	Offset [mm]
L-GEV 200K-TM13-SG	**L-GEV 200K-TTM13-SG**	200	50	400	ball bearing	235	140 x 110	105 x 75–80	11	13	65
L-GST 200K-TM13	**L-GST 200K-TTM13**	200	50	400	ball bearing	235	140 x 110	105 x 75–80	11	13	65
L-GTH 200K-TM13	**L-GTH 200K-TTM13**	200	50	400	ball bearing	235	140 x 110	105 x 75–80	11	13	65

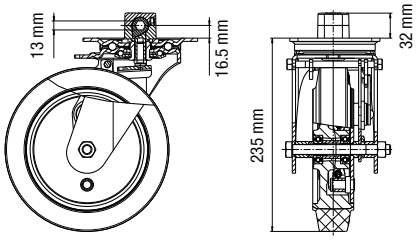
Braking can place swivel castors under a significant amount of additional stress, depending on the mass which needs to be braked. We recommend using an additional safety factor of 2.0–3.0 when designing the vehicle / chassis.



- operating angle: max. 38°
- torque required to release the brake: < 10 Nm
- braking force: > 400 N

Versions / options

	directional lock (separate) 1 x 360°	other wheel designs	switching cam with width across flats 11 mm
Technical description page	115		
Product code suffix	**RI-05.03**	**GB, GBS series**	
Available for	all	upon request	upon request



Blickle®

Special systems and solutions

Fixed castors with drum brake and dead man's brake

450–900 kg



Fixed castor
with drum brake

Fixed castor
with dead man's brake



Fixed castors with drum brake:

- Fixed castors with a drum brake can be activated with a variety of features, e.g. a lever arm or a cable pull.
- The closed bracket design makes the brake shoes largely resistant to corrosion and dirt. This ensures that braking performance remains consistent regardless of moisture and dirt in the area.



Fixed castors with dead man's brake:

- Fixed castors with a dead man's brake are similar to drum-braked castors, but use an integrated spring for braking when the brake is not activated. The brake can be released using a lever arm or cable pull.
- The closed bracket design makes the brake shoes largely resistant to corrosion and dirt. This ensures that braking performance remains consistent regardless of moisture and dirt in the area.



Wheels: GEV series:

- tyres: high-quality elastic solid rubber in smooth rolling quality, hardness 65 Shore A, non-marking, grey or black
- wheel centre: made from robust grey cast iron, lacquered, colour silver
- brake mechanism: integrated into the wheel centre, zinc-plated, blue-passivated, Cr6-free



Wheels: GST series:

- tread: high-quality polyurethane-elastomer Blickle Softhane®, hardness 75 Shore A, colour green, non-marking, non-staining
- wheel centre: made from robust grey cast iron, lacquered, colour silver
- brake mechanism: integrated into the wheel centre, zinc-plated, blue-passivated, Cr6-free



Wheels: GTH series:

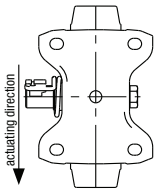
- tread: high-quality polyurethane-elastomer Blickle Extrathane®, hardness 92 Shore A, colour light brown, non-marking, non-staining
- wheel centre: made from robust grey cast iron, lacquered, colour silver
- brake mechanism: integrated into the wheel centre, zinc-plated, blue-passivated, Cr6-free

Fixed castors with drum brake	Fixed castors with dead man's brake *	Wheel Ø [mm]	Wheel / tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]
B-GEV 160K-TB	B-GEV 160K-TM	160	50	450	ball bearing	195	140 x 110	105 x 75–80	11
B-GEV 160K-TB-SG	B-GEV 160K-TM-SG	160	50	450	ball bearing	195	140 x 110	105 x 75–80	11
B-GTH 160K-TB	B-GTH 160K-TM	160	50	600	ball bearing	195	140 x 110	105 x 75–80	11
BH-GTH 160K-TB	BH-GTH 160K-TM	160	50	800	ball bearing	202	140 x 110	105 x 75–80	11
B-GEV 200K-TB	B-GEV 200K-TM	200	50	600	ball bearing	235	140 x 110	105 x 75–80	11
B-GEV 200K-TB-SG	B-GEV 200K-TM-SG	200	50	600	ball bearing	235	140 x 110	105 x 75–80	11
B-GST 200K-TB	B-GST 200K-TM	200	50	600	ball bearing	235	140 x 110	105 x 75–80	11
B-GTH 200K-TB	B-GTH 200K-TM	200	50	600	ball bearing	235	140 x 110	105 x 75–80	11
BH-GST 200K-TB	BH-GST 200K-TM	200	50	800	ball bearing	245	140 x 110	105 x 75–80	11
BH-GTH 200K-TB	BH-GTH 200K-TM	200	50	900	ball bearing	245	140 x 110	105 x 75–80	11

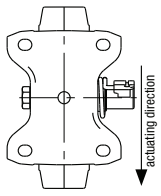
* L or R must be added to the product code for left-handed and right-handed versions.

- actuation path: approx. 10–12 mm
- operating angle: approx. 13°–15°
- actuation force: < 250 N
- braking force: > 500 N

left-handed version



right-handed version



1 Cable pull-operated drum brake



Fixed castor with drum brake



Example application

Structure and function
- activated using a cable pull (as shown above) or lever arm
- when actuated, the brake shoes are pressed onto the cast wheel centre, which functions as a drum brake

Advantages
- consistently high braking force, even in wet conditions
- short actuation path

More information
- A detailed description and overview of fixed castors with drum brakes is provided on page 595.

2 Cable pull-operated dead man's brake



Fixed castor with dead man's brake



Example application

Structure and function
- activated using a cable pull (as shown above) or lever arm
- Before the brake is actuated, the spring presses the brake shoes onto the cast wheel centre, which functions as a drum brake.
- The brake releases when actuated.

Advantages
- consistently high braking force, even in wet conditions
- safety
- short actuation path

More information
- A detailed description and overview of fixed castors with dead man's brakes is provided on page 595.

3 Dead man's brake for hexagonal connection



Swivel castor with dead man's brake



Example application

Structure and function
- can be activated by a hexagonal rod

Advantages
- consistently high braking force, even in wet conditions
- safety
- short actuation path

More information
- A detailed description and overview of swivel castors with drum brakes is provided on page 594.

Special systems and solutions

Brake systems for central foot operation

1 Two swivel castors connected with a brake lever



Swivel castor with “ideal-stop” brake



Example application

Structure and function
- brake lever does not swivel with the castor
- “ideal-stop” brake lever comes with holes as standard for easy fitting of a brake lever to connect two brake levers together

Advantages
- saves time as two castors can be braked and released with a single motion
- comfort
- occupational safety

More information
- for a technical description of the ideal-stop brake, see page 112
- available for Blickle LK, LH and LEX bracket series

2 Two or four swivel castors connected with a rod



Swivel castor with “central-stop” brake



Example application

Structure and function
- multiple swivel castors connected with a rod
- rods are connected to the cam housing of the castor using a hexagonal rod

Advantages
- saves time as two or four castors can be braked with a single motion
- comfort
- occupational safety
- small operating angle
- can be actuated from both sides of the trolley

More information
- for a technical description of the “central-stop” brake, please refer to page 113
- available for Blickle LE, L, LK and LH bracket series

3 Multiple fixed castors connected with a rod



Fixed castor with “central-stop” brake



Example application

Structure and function
- multiple fixed castors connected with a rod
- rod connected to the cam housing within the bracket using a hexagonal rod

Advantages
- saves time as multiple castors can be braked with a single motion
- small operating angle

More information
- for a technical description of the “central-stop” brake, please refer to page 113
- special solution available upon request

Special systems and solutions

Brake systems for central directional lock

1 Directional lock, can be retrofitted, operated with a foot pedal, latching



Swivel castor with mounted directional lock



Example application

Structure and function
- Directional locks (separate) are fitted to the top plate of the swivel castor. Actuating the brake lever removes the directional lock, allowing the castor to swivel.
- Pushing the brake lever upwards allows the castors to latch back in when travelling straight (blocks the swivel motion of the castors).

Advantages
- multiple directional locks connected together using a rod possible
- can be retrofitted to standard castors
- stability + flexibility at the workstation

More information
- see page 115 for technical information
- available for many Blickle bracket series

2 Directional lock, can be retrofitted, operated with a foot pedal, self-latching



Swivel castor with mounted directional lock



Example application

Structure and function
- Actuating the brake lever unlocks the directional lock, allowing the castor to swivel. When the swivel castor is aligned in the direction of travel, the spring moves the brake lever back to its latched position.

Advantages
- can be retrofitted to standard castors
- stability + flexibility at the workstation

More information
- special solution, available upon request

3 Directional lock for hexagonal connection



Swivel castor with central directional lock



Example application

Structure and function
- multiple swivel castors connected with a hexagonal rod
- swivel castor is fixed using a pre-tensioned spring in the swivel head (converts swivel castor to fixed castor)
- castor can swivel again when the hexagonal rod is actuated

Advantages
- When 6 castors are used per carriage, the central castors can function as fixed castors when the carriage is towed or moved laterally during manual operation.

More information
- special solution, available upon request

Brake systems for central directional brake

4 Directional lock for pull cable connection, integrated



Swivel castor with cable pull directional lock



Example application

Structure and function
- directional lock integrated into the bracket
- directional lock released using a cable pull

Advantages
- can be actuated by hand

More information
- special solution, available upon request

5 Directional lock for pull cable connection, can be retrofitted



Swivel castor with mounted directional lock



Example application

Structure and function
- threaded hole for connecting a cable pull

More information
- special solution, available upon request

6 Directional lock for side actuation, can be retrofitted



Swivel castor with mounted directional lock



Example application

Structure and function
- brake lever is actuated in a horizontal direction rather than in vertical direction
- suitable for applications with limited space

More information
- special solution, available upon request

Special systems and solutions

Electric drive systems
Minimum force required to move and control

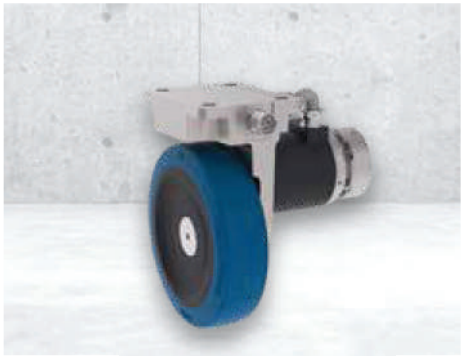


Modular kit:

- **I** Ergonomic cockpit solutions
- **II** Control and battery unit
- **III** Electrically-driven fixed castors
- **IV** Suitable swivel castors

The modular drive systems in the ErgoMove series consist of electrically-driven fixed castors, standardised controls and Blickle cockpit solutions. They are used for high-performance applications where ergonomics is an important factor. The physical strain on the operator is reduced significantly during internal material transport due to considerably less amount of effort required compared to manual operation.

The ErgoMove drive systems are designed for a variety of transport equipment, trailer systems and special applications with an overall weight of up to 4,000 kg. The high thrust of up to 2 x 55 daN ensures that the operator uses much less force. The integrated dead man's brake system guarantees safe operation in accordance with DIN EN 1175-1 (Safety of industrial trucks-Electrical requirements).

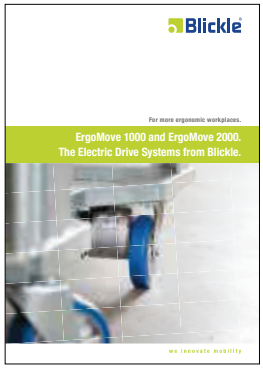


Electrically-driven fixed castor



Ergonomic cockpit

For additional information, please refer to our special brochure "ErgoMove-The Electric Drive Systems from Blickle"



Special systems and solutions

Progressus wheels and castors
Corrosion-resistant castors with enclosed swivel head for demanding requirements



I Meets demanding hygiene and cleanliness requirements thanks to enclosed and sealed swivel head with robust four-point bearing

II Robust and resilient stainless steel bracket

III Suitable for autoclaves and machine washing up to +134 °C for different wheel series

The high-quality stainless steel products of Progressus compliments Blickle's comprehensive range of wheels and castors. Progressus' products are well-established in the medical, chemical and food industries.

The unique enclosed and sealed swivel head meets the most demanding hygiene and cleanliness standards. In addition to medical facilities, these castors are particularly well-suited for wet environments like industrial kitchens, butcher shops and dairies.

Progressus also provides premium hospital bed castors for highly sensitive areas.



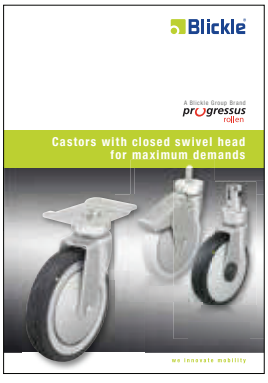
Corrosion-resistant castors with enclosed swivel head



Hospital bed castors with enclosed swivel head

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Additional information is provided in our special brochure "Progressus castors - Castors with closed swivel head for maximum demands"



Special systems and solutions

Wheels with elastic solid rubber tyres and thermoplastic polyurethane tread, with aluminium wheel centre

90–200 kg

-25 °C to +134 °C



Tread:
PGV series:
- high-quality elastic solid rubber in smooth rolling quality, hardness 80 Shore A
- outstanding operational comfort
- excellent floor preservation, low-noise operation
- low rolling resistance
- colour grey, non-marking

ALEV series:
- high-quality elastic solid rubber in smooth rolling quality, hardness 80 Shore A
- outstanding operational comfort
- excellent floor preservation, low-noise operation
- low rolling resistance
- colour grey, non-marking
- vulcanised onto the wheel centre

ALTPU series:
- high-quality thermoplastic polyurethane (TPU), hardness 92 Shore A
- low rolling and swivel resistance
- high abrasion resistance
- colour dark grey, non-marking, non-staining

Wheel centre:
- PGV series: die-cast aluminium, bolted
- ALEV/ALTPU series: die-cast aluminium

Other features:
- PGV/ALTPU series: temperature resistance from -25 °C to +134 °C
- ALEV series: temperature resistance from -25 °C up to +80 °C , up to +100 °C for short periods
- PGV series: resistant to disinfectant, hydrogen peroxide and benzine
- PGV/ALTPU series: suitable for autoclaves
- ALTPU series: electrically conductive

Additional details:
- wheel series: page 82
- bearing types: page 84–85
- chemical resistance: page 51

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Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
PGV series						
PGV 84/10XR-SG	84	24	90	roller bearing	10	30
PGV 105/10XR-SG	105	24	120	roller bearing	10	30
PGV 120/12XR-SG	120	30	150	roller bearing	12	43
PGV 150/12XK-SG	150	30	200	ball bearing	12	36
PGV 186/25XK-SG	186	38	200	ball bearing	25	42*
ALEV series						
ALEV 151/15XK-SG	150	32	200	ball bearing	15	32
ALTPU series						
ALTPU 120/15XK-ELS	120	32	120	ball bearing	15	32
ALTPU 125/15XK-ELS	125	32	120	ball bearing	15	32
ALTPU 150/15XK-ELS	150	32	150	ball bearing	15	32

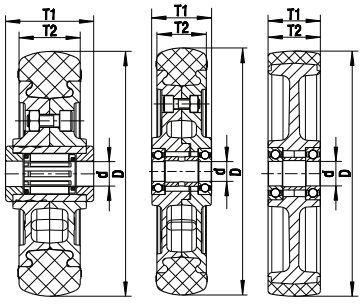
* Clamping length = 40 mm

Versions / options



	electrically conductive version, black tyre	electrically conductive version, black tyre
Technical description page	50	50
Product code suffix	**-EL**	**-EL**
Available for	PGV series all	ALEV series all

roller bearing (PGV) | ball bearing (PGV) | ball bearing (ALEV, ALTPU)



Special systems and solutions

Corrosion-resistant castors with top plate, wheel with elastic solid rubber tyres



90–200 kg

-25 °C to +134 °C

Bracket: LPX/BPX series:
- high-quality chromium-nickel steel (1.4301 / AISI304), corrosion-resistant, vibration-ground finished
- all parts including axle material are corrosion-resistant

Swivel bracket:
- four-point ball bearing for optimal absorption of vertical and horizontal forces
- hardened precision fork head made from corrosion-resistant steel (1.4034 / AISI420)
- excellent swivel characteristics, particularly resistant to impact and shocks
- grease nipple

Wheels: PGV series:
- tread: high-quality elastic solid rubber in smooth rolling quality, hardness 80 Shore A, colour grey, non-marking
- wheel centre: die-cast aluminium, bolted

Other features:
- suitable for autoclaves

Additional details:
- bracket series: page 102
- brakes: page 112
- wheel series: page 602
- bearing types: page 84–85

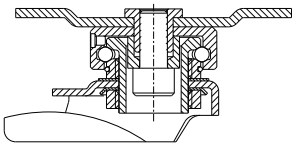
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Swivel castors	Fixed castors	Swivel castor with "stop-fix" brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset of the swivel castor [mm]
LPX-PGV 84XR-PG1-SG-FA	**BPX-PGV 84XR-PG1-SG-FA**		84	24	90	roller bearing	124	100 x 60	82 x 42	8.5	33
LPX-PGV 105XR-PG1-SG-FA	**BPX-PGV 105XR-PG1-SG-FA**		105	24	120	roller bearing	146	100 x 60	82 x 42	8.5	30
LPX-PGV 120XR-PG2-SG-FA	**BPX-PGV 120XR-PG2-SG-FA**	**LPX-PGV 120XR-PG2-FI-SG-FA**	120	30	150	roller bearing	164	120 x 80	100 x 60	11	45
LPX-PGV 150XK-PG2-SG-FA	**BPX-PGV 150XK-PG2-SG-FA**	**LPX-PGV 150XK-PG2-FI-SG-FA**	150	30	200	ball bearing	195	120 x 80	100 x 60	11	45
LPX-PGV 186XK-PG3-SG-FA	**BPX-PGV 186XK-PG3-SG-FA**	**LPX-PGV 186XK-PG3-FI-SG-FA**	186	38	200	ball bearing	236	140 x 80	110 x 50	11	55

Versions / options









	electrically conductive version, black tyre	with side wheel brake	with directional lock	other plate dimensions
Technical description page	50		115	
Product code suffix	**-EL**	**-SRA**	**-RI**	
Available for	all	all	wheel Ø 120–186 mm upon request	upon request

Blickle®

Special systems and solutions

Hospital bed castors with fitting and integrated switching cam, with central brake system



150–200 kg

-25 °C to +134 °C

Bracket: LPZ series:
- high-quality chromium-nickel steel (1.4301 / AISI304), corrosion-resistant, vibration-ground finished
- four-point ball bearing for optimal absorption of vertical and horizontal forces
- hardened precision fork head made from chromed heat-treatable steel
- excellent swivel characteristics, particularly resistant to impact and shocks
- stem fitting with hexagonal switching cams
- grease nipple

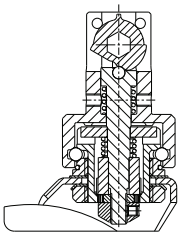
Wheels: ALEV/ALTPU series
- tread:
  ALEV series: high-quality elastic solid rubber in smooth rolling quality, hardness 80 Shore A, colour grey, non-marking
  ALTPU series: high-quality thermoplastic polyurethane (TPU), hardness 92 Shore A, colour dark grey, non-marking, non-staining
- wheel centre: die-cast aluminium

Other features:
- ALTPU series: temperature resistant between -25 °C and +134 °C
- ALEV series: temperature resistant between -25 °C and +80 °C; up to +100 °C for short periods
- ALTPU series: suitable for autoclaves, electrically conductive

Additional details:
- bracket series: page 102
- brakes: page 113
- wheel series: page 602
- bearing types: page 84–85

INOX

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Swivel castors	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø [mm]	Stem length [mm]	Operating angle	Width across flats [mm]	Offset [mm]
ALEV series										
LPZ-ALEV 151XK-CS11-SG-FA	150	32	200	ball bearing	194	32	50	2 x 30°	11	43
ALTPU series										
LPZ-ALTPU 150XK-CS11-ELS-FA	150	32	150	ball bearing	194	32	50	2 x 30°	11	43

Versions / options



	electrically conductive version, black tyre	with central and directional lock	load-dependent directional latch with ball pressure screw	different operating angle	switching cam with flat design (D profile)	special colours (electrostatic powder coating)
Technical description page	50					
Product code suffix	**-EL**	**-CS11RI2**	**-RIR22**			
Available for	ALEV series	all	upon request	upon request	upon request	upon request

Special systems and solutions

Wheels and castors with imperial measurements



In addition to castors designed to metric standards, Blickle also provides wheels and castors with special inch dimensions in accordance with US standards (ANSI ICWM:2012, ASME B56.11.1).

Top plate fittings, mounting heights and wheel dimensions were designed specifically to meet the requirements of the US market.

The Blickle “American Standard Casters” range is complemented by the special Blickle LEH bracket series. Using a hardened bearing seat makes it possible for even light-duty brackets to reach load capacities of up to 570 kg (1,250 lbs). The LEH bracket series is available in combination with the plate size 4″ x 4 ½″.

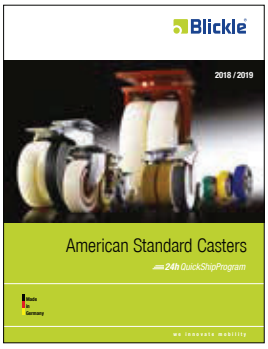


Pressed steel castors in inches with top plate fitting
2 ½″ x 3 ⅝″ and 4″ x 4 ½″



Welded heavy-duty castors in inches with top plate fitting
4 ½″ x 6 ¼″

Additional information is provided in our special brochure “American Standard Casters”



Truck locks

Truck locks keep transport equipment in a resting position. They are attached directly to the transport equipment. Operating the pedal takes some of the load off the transport equipment without raising it up.
When operated, the truck lock deflects by approximately 10 mm. The maximum surface contact pressure in combination with suitable swivel and fixed castors amounts to approx. 60 kg. The following truck lock with a plate size of 100 x 85 mm can be combined with the LE, L and LK castor series. The truck locks with a plate size of 140 x 110 mm can be combined with the LK (wheel Ø 125x50-200 mm) LH, LO and LS castor series. Other versions are available upon request. Zinc-plated, blue-passivated, Cr6-free.

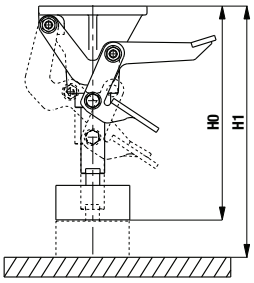
Product code	Total height unactuated (H0) [mm]	Total height actuated, extended (H1) [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole diameter [mm]
FF 100-1	108	138	100 x 85	80 x 60	9
FF 125-1	133	163	100 x 85	80 x 60	9
FF 125	142	180	140 x 110	105 x 75-80	12.3
FF 150	170	208	140 x 110	105 x 75-80	12.3
FF 160	175	213	140 x 110	105 x 75-80	12.3
FF 200	217	255	140 x 110	105 x 75-80	12.3

FF 100-1 + FF 125-1



FF 125 - FF 200



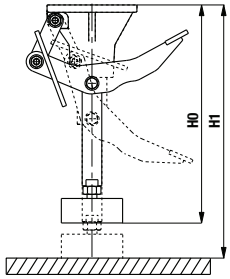


Jacks

Jacks are used to raise transport equipment up in their resting position. They are attached directly to the transport equipment. Actuating the pedal raises the transport equipment up.
Jacks can be combined with a wide range of castor series. Jacks perform at their best when the total height of the actuated jack (H1) exceeds the total height of the fixed and swivel castors by 5 mm.
Depending on the weight of the operator, they can provide a lifting force of between 150 kg and 250 kg.
The vertical load on the jack must not exceed 500 kg when raised.
Zinc-plated, blue-passivated, Cr6-free.

Product code	Total height unactuated (H0) [mm]	Total height actuated (H1) [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]
WH 160	166	209	140 x 110	105 x 75-80	12.3
WH 200	207	250	140 x 110	105 x 75-80	12.3
WH 250	257	300	140 x 110	105 x 75-80	12.3





Adapter plates

Adapter plates can be used to compensate for differences between the mounting height of different castors. Adapter plates can also be used to modify the mounting height of the transport eqipment. Adapter plates are available in steel (zinc-plated, blue-passivated, Cr6-free) and synthetic (nylon, black) designs. Untreated steel adapter plates are also available for welding upon request.

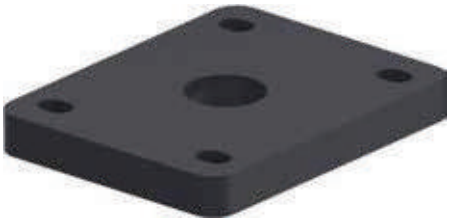
Steel adapter plates, zinc-plated

Product code	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole diameter [mm]	Height [mm]
APS1-02,5	100 x 85	80 x 60	9	2.5
APS1-08	100 x 85	80 x 60	9	8
APS3-04	140 x 110	105 x 75–80	11	4
APS3-08	140 x 110	105 x 75–80	11	8
APS3-10	140 x 110	105 x 75–80	11	10



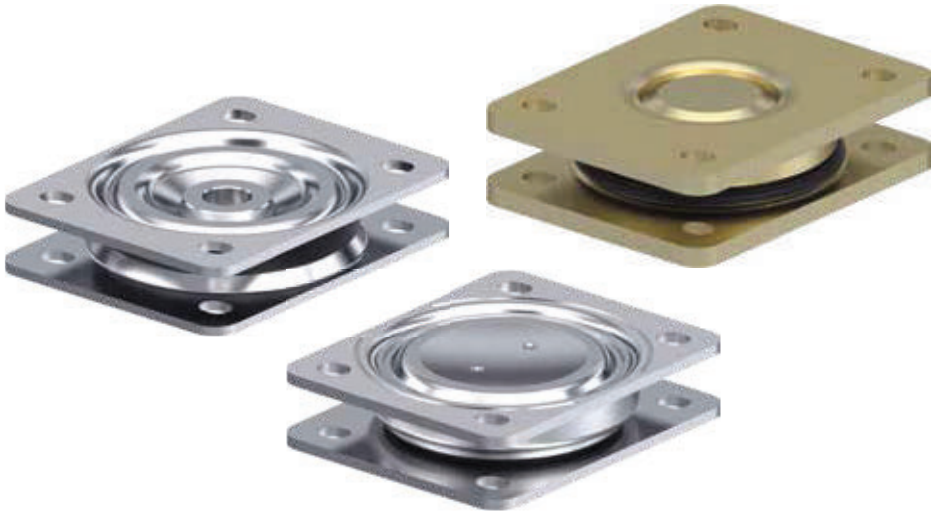
Synthetic adapter plates

Product code	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole diameter [mm]	Height [mm]
AP1-10	100 x 85	80 x 60	9	10
AP3-17	140 x 110	105 x 75–80	11	17

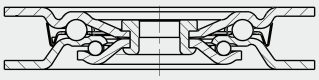


Swivel heads

Swivel heads can be used for a wide variety of applications: rotating plates, rotating platforms, flatbed turntables or axle-pivot steering systems. When combined with standard fixed castors, they can provide castor systems without an offset, which are easy to steer.

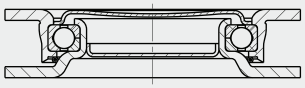


1 DK-L series



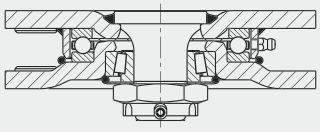
- pressed steel
- double ball bearing
- strong central kingpin
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life thanks to the special dynamic Blickle riveting process
- zinc-plated, blue-passivated, Cr6-free

2 DK-LUH series



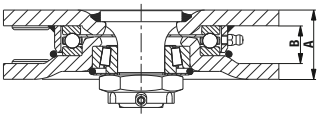
- strong pressed steel
- four-point ball bearing for extremely heavy loads
- enclosed and sealed swivel head
- particularly resistant to impact and shocks due to specially-shaped hardened bearing seats
- zinc-plated, blue-passivated, Cr6-free

3 DK-LS series



- particularly robust welded steel construction
- axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355
- welded central kingpin, extremely stable, bolted and secured
- dust and splash-proof
- grease nipple
- zinc-plated, yellow-passivated, Cr6-free

Swivel heads	Load capacity* [kg]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Flange plate height (A) [mm]	Flange plate internal clearance (B) [mm]
DK-L-3	400	140 x 110	105 x 75–80	11	28	20
DK-LUH-3	1,000	140 x 110	105 x 75–80	11	31	21
DK-LS-3	1,500	140 x 110	105 x 75–80	11	37	21
DK-LS-35	2,500	175 x 140	140 x 105	14	44	24
DK-LS-36	2,500	200 x 160	160 x 120	14	44	24
DK-LS-38	5,500	255 x 200	210 x 160	18	60	25



* With central axial load

Special systems and solutions

Guide rollers

1 Guide roller for high impact loads



- impact-resistant special synthetics
- temperature resistance: up to 300 °C

2 Guide roller as end wheel version for external applications



- synthetic wheel centres with polyurethane tread
- wheel centre sealed on one side to protect against corrosion

3 Guide roller for intralogistics robots



- drive wheel with polyurethane tread
- electrostatically conductive
- individual laser marking

4 Guide roller for sorting systems



- polyurethane tread with optimised rolling resistance
- electrostatically conductive
- optimised for constant use (24/7)

5 Transport roller for rubber belt drives



- polyurethane tread with groove for rubber belt drives

6 Precision guide roller



- vibration-absorbing polyurethane tread
- high precision

7 Guide roller for wet areas



- UV-resistant tread made from TPE
- integrated holes for fixing a magnetic holder

8 Double pulley with additional locking mechanism



- wheel centre made of special synthetic material for two wire cables
- if the cable under load breaks, the other cable performs an emergency stop function

9 Compact pulley for warehouse logistics



- nylon wheel centre
- special ball bearing, stabilised to prevent tipping, with special inner ring

Special systems and solutions

Running wheels

1 Design wheel for scooters



- tread made from thermoplastic polyurethane
- spoked wheel with central ball bearing
- individual special colour

2 Design wheel for golf carts



- foam tyres for a high level of operational comfort, even on unpaved surfaces
- weight-optimised wheel with wide tread

3 Rollers for Mecanum wheels



- FEM-optimised tread and wheel centre geometries for high load capacities

4 Flame-resistant heavy-duty wheel (DIN EN 45545)



- wheel made from flame-retardant nylon
- special seal with sea water-resistant grease

5 Flanged wheel with pressed-on polyurethane band



- vibration-absorbing polyurethane tread provides ideal movement on rail profile
- also used as a drive wheel due to high traction

6 Heavy-duty wheel for high-rack forklifts



- for heavy dynamic loads
- weight-optimised wheel centre design
- bayonet brake for wheel cover

7 Heavy-duty wheel for bulldozers



- elastic solid rubber press-on band on cast nylon wheel centre
- corrosion-resistant version

8 Double flanged wheel with special tread geometry



- concave tread for ideal motion on round tubes
- synthetic wheel centres to save weight

9 Heavy-duty wheel for circular welding equipment



- polyurethane tread
- diameter up to 1,000 mm
- load capacity up to 50,000 kg
- designed for drum applications

Special systems and solutions

Drive wheels

1 Drive wheel for construction equipment



- elastic solid rubber press-on band and robust, lacquered steel wheel centre
- gear with internal or external gearing

2 Drive wheel with hub keyway for cleaning equipment



- foam-filled tyres (puncture-proof)
- maintenance-free

3 Heavy-duty drive wheel for wet cleaning equipment



- slip-resistant rubber compound on a cast wheel centre with hub keyway
- non-marking, oil-resistant, high traction in wet areas

4 Heavy-duty drive wheel with tapered tread



- shrink fit cast nylon press-on band
- steel wheel centre for fixing on conical element

5 Heavy-duty drive roller for circular welding equipment



- roller with polyurethane tread
- wheel width of up to 1,000 mm
- load capacities: up to 100,000 kg

6 Drive wheel with extremely high grip in difficult conditions



- reinforced synthetic rim for use in aggressive environments
- secure torque transmission, even with low air pressure

7 Heavy-duty wheel for chain drives



- polyurethane tread
- cast wheel centres with hub fitting for pinion

8 Chain wheel made of cast nylon



- stainless steel drive hub for extremely high torque transmission cast and inseparable
- individual wheel centre design

9 Heavy-duty drive wheel for external use



- multicomponent tyre on cast nylon wheel centre
- corrosion-resistant version

Light-duty castors

Light-duty castors are our small all-rounders with an already high load capacity. Light-duty castors are mainly used indoors on equipment and devices like shop equipment, laboratory equipment, furniture, sport equipment and industrial kitchen equipment.

Blickle light-duty castors offer high maneuverability, smooth rolling performance and low rolling resistance with a low unit weight. We provide a wide range of solutions, the majority of which are integrated into end products.

1 Light-duty swivel castor with optimised installation for floor rollers



- fixed using central threaded hole with thread brake
- combines the advantages of a top plate fitting with a bolt hole

2 NSF-certified light-duty swivel castor with special top plate



- small gaps to meet demanding hygiene and cleanliness requirements
- wheel bearing protected with synthetic thread guard

3 Light-duty swivel castor with wheel brake



- wheel brake can be activated in areas that are difficult to access or covered by bracket sections

4 Cleanroom light-duty swivel castor with special fitting



- bracket chromed
- electrically conductive
- suitable for clean rooms in ISO class 4 according to DIN EN ISO 14644-1

5 Spring-loaded swivel castor



- stem fitting with integrated suspension and fixing tab
- ladder lowers to the ground under load

6 Light-duty swivel castor with special fixing for square tubes



- swivel castor with fixing option for horizontal square tubes
- suitable for easy horizontal movement

7 Light-duty swivel castor with special fixing for aluminium profiles



- bracket and thread guard electrostatic powder-coated
- optimised corrosion protection
- electrically conductive

8 Light-duty swivel castor with central locking for patient wheelchairs



- central and directional lock, can be operated separately
- grooved ball bearing integrated into swivel head with reduced tilt

9 Light-duty swivel castor with central wheel and swivel head brake



- central brake system combined with stem fitting
- high level of operational comfort thanks to elastic solid rubber tyres, non-marking

10 Light-duty swivel castor with reduced interference circle



- special brake lever design for reduced interference circle
- fixing bolt pressed in the bolt hole for easy assembly

11 Light-duty swivel castor for sport equipment



- compact top plate fitting
- bracket electrostatic powder-coated, excellent corrosion protection
- electrically conductive

12 Light-duty twin wheel swivel castor for operating tables



- sealed swivel head and wheel bearing
- chromed bracket, compact design, electrical conductive

13 Light-duty twin wheel swivel castor with foot guard



- steel foot guard for increased occupational safety
- electrically conductive version

14 Light-duty twin wheel swivel castor with load-dependent wheel brake



- bracket with integrated suspension allowing for wheel braking under load
- spring tension tailored to application

15 Electrically conductive spring-loaded light-duty swivel castor



- castor in electrically conductive version as fifth wheel to ensure dissipation of electrostatic charge

Transport equipment castors

Transport equipment castors are used for a variety of industrial applications. They have a load capacity of up to 1,000 kg and are used both indoors and outdoors. Our transport equipment castors are used on transport carts, machines, scaffolding and waste containers.

Blickle's special solutions are used to meet special requirements. Our solutions come from our expertise in materials and production technology, our creative approach and our many years of experience.

1 Castors with imperial dimensions in accordance with ASME B56.11.1



- fixing dimensions and mounting heights in inches, specifically for the US market
- please request our "American Standard Casters" catalogue

2 Air Cargo castor



- synthetic wheel with high-impact resistance
- bracket with enclosed swivel head

3 Triple wheels swivel castor



- particularly good floor preservation due to extremely low floor pressure

4 Scaffolding castor with wheel and swivel head brake



- leading brake
- stem fitting with cross hole for easy installation on scaffolding cross hole

5 Scaffolding castor with adjustable offset and special wheel and swivel head brake



- adjustable offset for easy handling and high load capacity
- brake can be actuated on both sides

6 Scaffolding castor with adjustable offset and height adjustment



- adjustable offset for easy handling and high load capacity
- spindle to compensate for height differences

7 Swivel castor with combined total and directional lock



- directional lock with cable pull connection and four latching positions
- brake lever with particularly low force required to actuate and release the brake

8 Levelling castor for mobile industrial robots



- integrated truck lock with adjustable tilt and threaded spindle for fixing the castor to the base

9 Swivel castor for mobile hospital beds



- two-row angular contact ball bearing for a particularly robust swivel head
- compact design with integrated direction reset device

10 Swivel castor with extended release lever



- easier to release the brake lever in tight spaces
- easier to operate with safety shoes

11 Swivel castor with special brake release lever



- wheel brake with shortened release lever for tight spaces

12 Detachable support castor for platform applications



- domed anchor nuts for quick attachment
- adjustable height thanks to thread in stem fitting

13 Swivel castor with “ideal-stop” and additional release lever



- all parts of the locking system are fixed and always accessible
- brake released by actuating the release lever from above

14 Fixed castor with wheel brake



- brakes a unit in place

15 Fixed castor with dead man's brake



- brake can be controlled with cable pull or Bowden cable
- dead man’s brake on the tread

Heavy-duty castors

Blickle heavy-duty castors are designed for use in tough conditions. Blickle heavy-duty castors provide ergonomic handling, an increased service life and good floor preservation whenever high load capacities or high speeds are required in small spaces. They have a particularly stable design and particularly robust bearings.

Highly-tailored solutions are frequently required for special applications. We can provide the perfect solution for every application, whether that might be a castor with mounting height adjustment, special fittings, a reduced interference circle or spring-loaded applications.

1 Triple castor for stage equipment



- triple castor for optimised rotation
- low mounting height
- black bracket surface finish

2 Heavy-duty triple castor for transport platforms



- triple castor for optimised rotation
- low mounting height

3 Heavy-duty tandem roller for use on rails



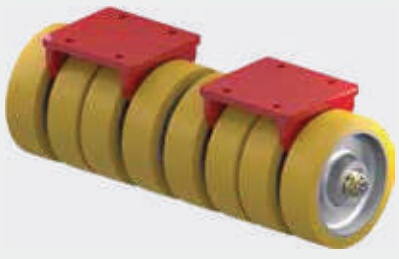
- compact design with extremely high load capacity
- optimised load distribution thanks to rocker design

4 Heavy-duty swivel castor with direction reset device



- direction reset device with latch function
- castor aligned after lowering the plate

5 Eight fixed castors for heavy loads



- excellent load capacity and low mounting height

6 Swivel castor with no offset for 4-wheel steering



- swivel castor with no offset for pivoting the wheel on the spot
- fixing tab for forced steering of the castor

7 Heavy-duty swivel castor for cleaning equipment



- outdoor application
- castor screwed on vertically with special fixing tab

8 Heavy-duty twin wheel fixed castor with integrated drum brake



- drum brake can be activated using a cable pull

9 Fixed castor with flanged motor



- fixed castor with polyurethane tread
- brushless DC motor with electro-mechanical brake system

10 Stabiliser castor for forklift trucks with special fitting



- installed using top plate fitting with guide stem
- compact design with swivel head bearing in stem fitting
- swivel fork in forged design

11 Heavy-duty twin wheel swivel castor with special directional lock



- directional lock with pluggable direction restriction system
- castor can be rotated on the spot using a tube (connector on bracket)

12 Swivel castor with electromagnetic drum brake and swivel head brake



- electromagnetic mechanism
- simultaneous swivel head brake and wheel brake

13 Chain steering system



- precise maneuvering of pushed trailers in tight spaces with minimum effort
- 90° lateral motion possible
- precise and tight turning circles for pulled units
- primarily for trailers with a total weight of 300-1,000 kg and max. speed of 6 km/h

Special systems and solutions

Heavy-duty spring-loaded castors

1 Heavy-duty spring-loaded twin wheel swivel castor for aircraft maintenance



- suspension makes it possible to lower the castor under load

2 Spring-loaded heavy-duty swivel castor



- compact design
- polyurethane spring for absorption

3 Height-adjustable heavy-duty twin wheel swivel castor



- height adjustment
- height of castor can be adjusted to change the contact pressure of the drive wheel

4 Spring-loaded heavy-duty fixed castor with special fitting



- fixed with special flange plate

5 Spring-loaded heavy-duty twin wheel swivel castor



- specially-tailored spring tension
- twin wheel system for easier handling

6 Heavy-duty swivel castor with multi-component tyres



- bracket with special direction reset device
- special fixing plate

7 Heavy-duty spring-loaded twin wheel swivel castor for aircraft maintenance



- suspension for optimised operation on uneven surfaces
- directional lock for stable movement

8 Spring-loaded heavy-duty twin wheel swivel castor



- wheels made of cast nylon
- hinged polyurethane plate construction

9 Spring-loaded heavy-duty swivel castor for trailer applications



- no offset, making it possible to swivel on the spot
- fixing tab for forced steering of the castor

Special systems and solutions

Stainless steel / synthetic / hygiene

1 Detectable synthetic wheel for food production



- wheel centre in blue with metal fibres
- wheel particles can be detected in food production processes

2 Stainless steel swivel castor with enclosed swivel head for medical applications



- heat-resistant hub disc wheel with exchangeable rubber tyres
- suitable for autoclaves

3 Stainless steel swivel castor with direction reset device



- additional directional lock can be provided in two positions
- suitable for machine washing in accordance with DIN 18867-8

4 Pressed steel swivel castor, bracket with zinc-nickel coating



- long-term corrosion protection for the bracket (approx. 720 h in salt spray test)
- alternative to stainless steel bracket

5 Synthetic twin wheel swivel castor for industrial kitchen applications



- extremely small gaps to meet demanding hygiene requirements
- optional dead man's brake available with cable pull connection available

6 Corrosion-resistant stainless steel swivel castor for the food industry



- with grease nipple and additional seal in the swivel head

7 Stainless steel swivel castor for AGV applications



- particularly low castor width
- internal axle screw fitting with no protrusion
- automatic direction reset device

8 Stainless steel swivel castor for AGV applications



- low castor width
- automatic direction reset device
- suitable for machine washing in accordance with DIN 18867-8

9 Stainless steel piano castor



- high-quality design
- wheel and bracket made of stainless steel
- wheel brake for manual actuation

Special systems and solutions

Wheels and castors for forklift trucks and industrial trucks

The running gear of industrial trucks and forklift trucks are subject to a wide range of specific requirements due to their variety of application conditions. These include the dimensions of fittings and the installation area, or suspension and vibration absorption properties for specific vehicles.
Over the past few decades, we have developed a wide range of solutions in close collaboration with our customers tailored to their specific requirements. We continue to implement this on the basis of our extensive experience derived from working together with a wide range of renowned manufacturers of industrial trucks. The products described below are a selection of the solutions we have provided for clients.

1 Spring-loaded heavy-duty swivel castor with polyurethane torsion spring and special fitting



- ultra-compact castor structure
- components in forged design

2 Stabiliser for industrial trucks



- hydraulic damper for stability

3 Suspension unit for industrial trucks



- ensures optimal load on the drive wheel
- adjustable spring tension

4 Stabiliser for industrial trucks



- height adjustment
- height of castor can be adjusted to change the contact pressure of the drive wheel

5 Stabiliser for industrial trucks



- height can be adjusted to generate the optimum pressure on the drive wheel
- suspension

6 Heavy-duty stabiliser for industrial trucks



- height adjustment
- height of castor can be adjusted to change the contact pressure of the drive wheel
- twin castor version for improved swiveling

Wheels and castors for AGV applications

Automated guided vehicles (AGV) place significant demands on wheels and castors in very small installation areas. Castors for AGV have a much higher level of operational performance compared to standard castors as they are frequently in permanent use. Because of these application conditions, automated guided vehicles frequently require wheel tread designs that are specifically optimised for AGV applications and ball bearings that are designed for permanent operation.

Some bracket solutions are designed specifically for AGV applications and guarantee a long service life and maintenance-free operation. From ultra-compact swivel castors through to heavy-duty solutions with electromagnetic braking systems, Blickle has a wide range of solutions for AGV applications.

1 Heavy-duty wheel with optimised tread geometry



- extremely high load capacities at low speed when in constant use
- ball bearing designed specifically for constant use

2 Compact AGV castor with stem fitting



- compact castor with small offset for simultaneous heavy loads
- easy installation with positive locking holder and threaded stem

3 Precision swivel castor for AGV



- very compact design with extremely low mounting height tolerance
- special ball bearing swivel head for excellent operational performance

4 Compact drive wheel for AGV objects



- polyurethane tread with special colour for high load capacities and low swivel and rolling resistance

5 Spring-loaded AGV swivel castor



- compact design and small offset for high maneuverability
- the suspension ensures that the wheels remain in contact with the ground at all times

6 Swivel castor with electromagnetic dead man's brake



- extremely high brake retaining forces
- AGV safety component used in an emergency or in the event of a power cut (brakes close)

Special systems and solutions

Foot guard / wheel guard

All of Blickle's foot guard solutions have a common goal: improving occupational safety. Blickle foot guard solutions prevent wheels or fast moving objects from causing foot injuries. In addition to protecting vehicle operators, they minimise the risk of the wheel being damaged by large objects in the path of the vehicle.

Blickle provides a variety of plastic, steel and spring-loaded foot guard solutions. The castors can also be fitted with cleaning brushes and wipers. These remove dirt and small items to protect both the tread and the floor.

1 Spring-loaded castor with foot guard



- parallel guide makes sure the foot guard is always parallel to and a constant distance from the floor

2 Heavy-duty swivel castor with wiper



- wiper unit protects the wheel against obstacles

3 Castor with spring-loaded foot guard



- improved occupational safety and greater protection against foot injuries

4 Castor with foot guard and cleaning brushes



- stripping of small parts with a brush
- protects wheel and floor against damage

5 Castor with spring-loaded foot guard



- thresholds can be crossed

6 Swivel castor with tread wiper



- brush for cleaning the wheel tread

Special systems and solutions

Clamping and wheel sets

Wheel centres for clamping sets can be installed quickly and easily using a clamping element. Clamping sets can also be used for both axial and radial fixing at the same time. This means that the drive wheel can absorb drive forces while being fixed in its position on the axle.

Wheel sets involve fitting multiple wheels to an axle as a single unit. The advantage of having a complete set is that it reduces the amount of work involved to fit the wheels.

1 Polyurethane wheel for clamping set applications



- polyurethane tread with special colour
- threaded holes for shaft seal

2 Corrosion-resistant wheel for external crane systems



- hydrolysis-resistant polyurethane tread
- nylon wheel centre with molded stainless steel hub
- clamping set application possible

3 Wheel centre for permanent deployment



- polyurethane tread with optimised rolling resistance and high dynamic load resistance
- clamping set application possible

4 Wheel set for pallet trucks for particularly smooth motion



- elastic solid rubber tread
- as alternative to conventional tandem rollers for pallet trucks

5 Wheel set for fully-automated milking system



- flanged wheels installed and sealed on cylindrical axle
- optimised for permanent deployment (24/7)

6 Wheel set with heavy-duty wheels for transport equipment



- heavy-duty wheels installed on square axle
- elastic rubber tread for absorption and high speeds



Contents
General information

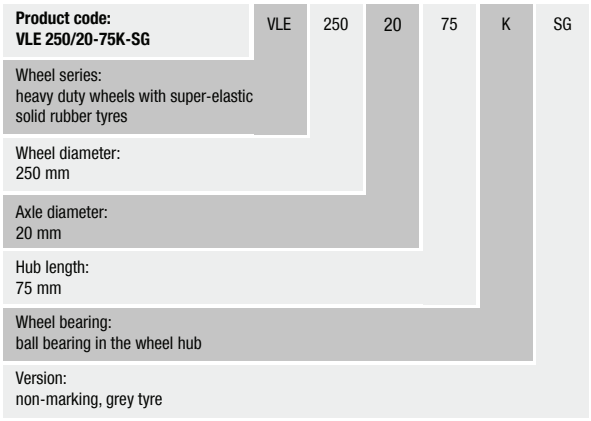
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Blickle product code system

Blickle product codes have the following structure:

Wheels

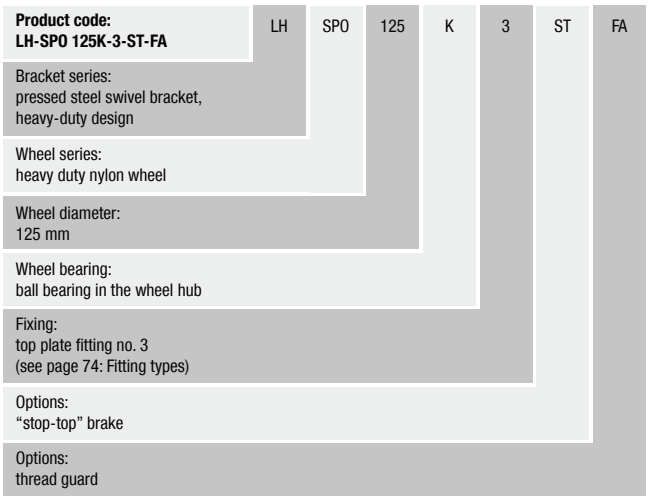
Each product code begins with a letter or combination of letters referring to a specific Blickle wheel series. This is followed by the wheel diameter. The number after the slash is the axle diameter.
If there is a third number after a hyphen, it is the hub length.
The final letters **G**, **R**, **K** and **PR** stand for the different wheel bearings (**G** - plain bore, **R** - roller bearing, **K** - ball bearing and **PR** - spherical roller bearing). The final letters **KA** and **KF** stand for a ball bearing with an integrated synthetic thread guard.
Any additional combinations of letters designate versions or options.



Swivel and fixed castors

Each Blickle swivel bracket series begins with an **L** or **HR** for levelling castors. Each Blickle fixed bracket series uses a combination of letters beginning with a **B**.

The product codes for fixed castors and swivel castors therefore comprise the code for the bracket series and the code for the wheel series. The next number usually indicates the wheel diameter. The letters **G**, **R**, **K** and **PR** indicate the wheel bearing. The final letters **KA** and **KF** stand for a ball bearing with an integrated synthetic thread guard.
Any number at the end is used to distinguish between different top plate fitting, bolt hole and stem designs.
Any additional combinations of letters designate versions or options.



Versions / options

Letters and / or numbers are added to the product code for different versions, e.g. special tyres (non-marking grey, electrically conductive, etc.) and options (e.g. brake systems, thread guard, etc.). These are listed under “Versions / options” on the relevant pages (see “Product code suffix”).

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Blickle product information

All of the information about Blickle products in this catalogue must be taken into consideration when evaluating the liability and obligations of the manufacturer regarding its products, particularly in accordance with Section 4 of the Product Liability Act and Section 3(2) of the Product Safety Act. The manufacturer will not be liable if this information is not complied with.

1.0 Product information and intended use

Wheels and castors are defined as components that are exchangeable and can be attached to units, furniture, transport systems or similar products to render them mobile.

This product information relates to wheels and castors, particularly passively-steered castors (swivel castors), for vehicles and equipment that are temporarily moved by hand (objects) at no faster than walking pace (4 km/h) and not for permanent operation.

Within the context of this product information, wheels and castors are used in the following areas:

Residential:
- e.g. seating, domestic furniture

Services sector:
- general services, e.g. trolleys, office furniture
- Hospitals, e.g. hospital beds

Industrial:
- e.g. transport units for medium and heavy loads

Intended use includes proper installation:

a) The product must be fastened to the object at all available points.

b) The object must be adequately stable at these points.

c) The installation must not impede or alter the functionality of the product.

d) Swivel castors must be installed in such a way that they pivot around a vertical axis.

e) Fixed castors must be installed in such a manner that their wheel axles are aligned.

f) All castors on an object must have the same mounting height.

Special versions must be used for wet rooms, applications in the vicinity of the sea, equipment exposed to the elements or in aggressive environments that lead to increased corrosion.

Special versions must be specified when products are used in a temperature range that is outside of the normal range for the standard products in this catalogue. Standard products must not be exposed to the rated load under these conditions.

The wheel, bracket, brake and axle options form a single functional unit. Blickle only assumes liability for original products.

Clients must take all possible loads into consideration when selecting castors. If they are not taken into consideration, additional safety factors should be used (see Wheel and castor guide on Page 50).

2.0 Incorrect use

The following situations are some examples where wheels and castors are being used incorrectly:

a) The wheels and castors are used to carry loads in excess of the maximum load capacity in the catalogue.

b) The product is used on an unsuitable and uneven floor.

c) The product is used at temperatures that are too high or too low.

d) A unit is forcibly moved when the brake is activated or if the brake is used to slow down.

e) The product could be affected by particularly aggressive substances.

f) The product is affected by unusually severe loads as a result of impact or falls.

g) Foreign bodies could penetrate the press-on band.

h) The wheels and castors are operated at an excessively high speed.

i) Changes are made that were not approved by the manufacturer.

j) The wheels and castors are exposed to mechanical damage due to external factors or a collision.

3.0 Product performance

If no specific information is provided about product performance in our catalogues, brochures, service descriptions, etc., you must contact us to determine if our wheels and castors or their components meet your requirements.

Please refer to the relevant DIN, ISO and EN standards for guidance.

Differing from the standard approach for wheels and castors, the brake forces of castors with brake systems are designed to ensure the optimal balance between high brake forces and low actuation forces.

4.0 Product maintenance

Recommended annual maintenance / inspection:

1. Lubricant should be added once a year for products with a grease nipple until a small amount of grease comes out of the bearings. We recommend using a multi-purpose calcium complex based grease (such as Renolit CX-EP 2) with a temperature range of between -30°C and 140°C. We recommend using a different grease if the product is used in different application conditions.
2. Check that all of the screw fittings are secure.
3. Check that the wheel, swivel head, lock, directional lock, brakes and other options are functioning properly.
4. Check the play of the wheel bearing and swivel head, ideally in accordance with DIN EN 12530 to 12533. (ISO 22881 to ISO 22884)
5. Check the air pressure of pneumatic tyres in accordance with the Blickle General Catalogue.
6. Inspect solid rubber tyres and treads for wear and abrasion. For guidance: max. abrasion < 1/2 thread thickness.

We recommend performing the above measures more frequently if you are using the products in non-standard application conditions.

Cleaning agents may only be used if they do not contain any substances that may cause damage or corrosion.

Castors and their components must be replaced as soon as they start functioning incorrectly.

5.0 Product conformity

Up-to-date information about guidelines and standards related to product safety requirements and technical market access requirements (e.g. ATEX, REACh, RoHS, PAK/GS) is available at www.blickle.com.

6.0 Obligation to provide information and instructions

In order to comply with our obligation to provide information, instructions and maintenance guidance in accordance with the Product Liability Act, we provide the following:

- for retailers:
  catalogues with product and user information
- for processors:
  catalogues with product and user information
- for users:
  product and user information

In order to make sure that wheels and castors function properly

- Retailers are obliged to comply with this product information (see 1.0–5.0) and the user information. They are also required to request this information from the manufacturer and pass it on to processors if necessary.
- Processors are obliged to comply with this product information (see 1.0–5.0) and the user information. They are also required to request this information from the manufacturer and pass it on to users if necessary.

Diagrams, drawings, dimensions, etc. are subject to change and are therefore provided on a non-binding basis.

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