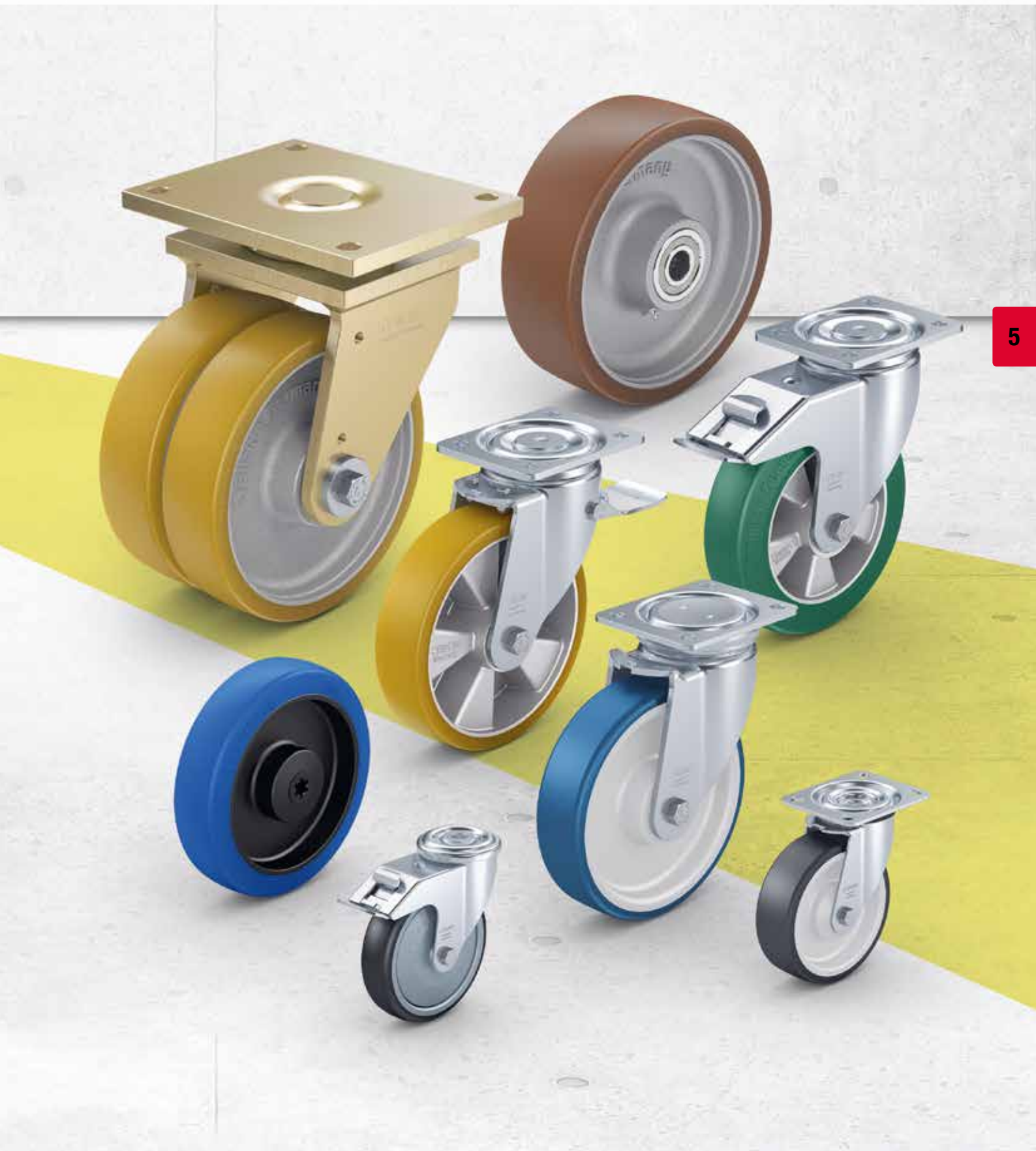


Wheels and castors with polyurethane tread



5



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	–

5

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



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:

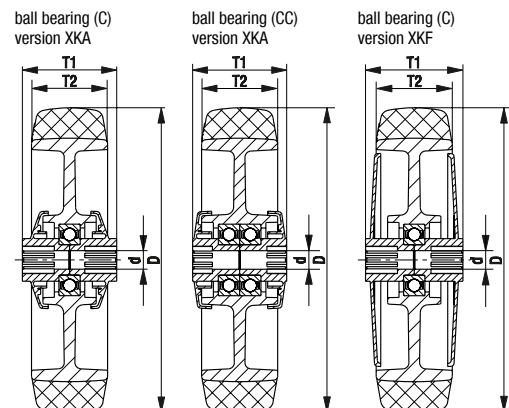
- wheel series: page 68
- tread: page 56
- bearing types: page 84–85
- chemical resistance: page 51

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



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



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

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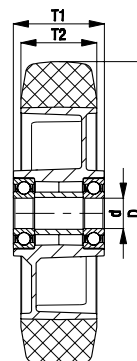
Versions / options



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

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

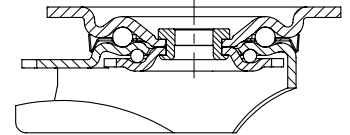
- tread: high-quality polyurethane elastomer Blickle Besthane® Soft, hardness 75 Shore A, colour blue, non-marking, non-staining
- wheel centre: die-cast aluminium, colour silver grey

Additional details:

- bracket series: page 92
- brakes: page 112–113
- wheel series: page 319
- bearing types: page 84–85



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-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



Blickle Besthane® Soft

230–350 kg

Bracket: LKR series

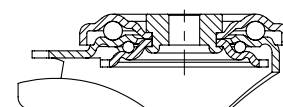
- strong pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- strong central kingpin
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

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



5

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



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

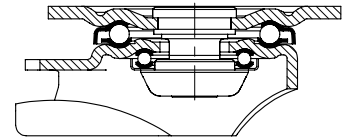
- tread: high-quality polyurethane elastomer Blickle Besthane® Soft, hardness 75 Shore A, colour blue, non-marking, non-staining
- wheel centre: die-cast aluminium, colour silver grey

Additional details:

- bracket series: page 92
- brakes: page 112–113
- wheel series: page 319
- bearing types: page 84–85



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-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:

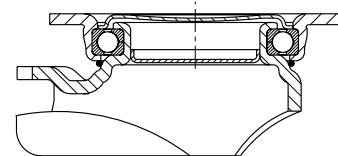
- four-point ball bearing for extremely heavy loads
- enclosed and sealed swivel head
- particularly resistant to shocks and impact due to **specially-shaped, hardened bearing seats**

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



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]
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

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

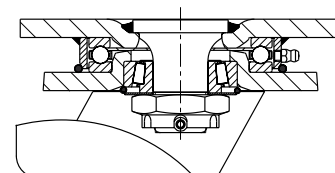
- tread: high-quality polyurethane elastomer Blickle Besthane® Soft, hardness 75 Shore A, colour blue, non-marking, non-staining
- wheel centre: die-cast aluminium, colour silver grey

Additional details:

- bracket series: page 94
- brakes: page 112–113
- wheel series: page 319
- bearing types: page 84–85

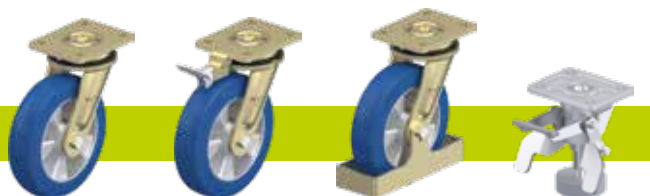


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Swivel castors	Fixed castors	Swivel castor with "stop-top" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LS-ALBS 127K	BS-ALBS 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:

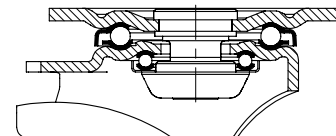
- double ball bearing in the swivel head
- bolted and secured central kingpin, extremely strong
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**

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



5

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