

Cast iron and steel wheels and castors



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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

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

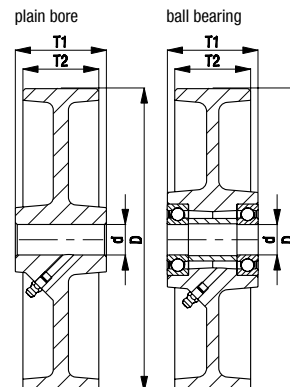
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Versions / options



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:

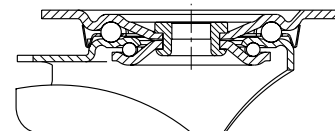
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 150 mm)
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

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

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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:

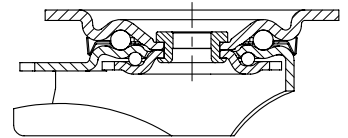
- double ball bearing in the swivel head
- strong central kingpin (from wheel Ø 125x50 mm)
- swivel head seal
- minimum swivel head play and smooth rolling characteristic and increased service life due to the special dynamic Blickle riveting process

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:

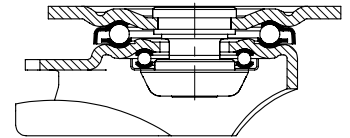
- double ball bearing in the swivel head
- bolted and secured central kingpin, extremely strong
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**

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 guard
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:

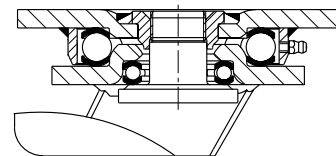
- double ball bearing in the swivel head
- **four specially-shaped, hardened bearing seats** for additional strength
- bolted and secured welded central kingpin, extremely strong
- swivel head seal with labyrinth design
- grease nipple

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



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

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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 LI0-G (page 470)

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:

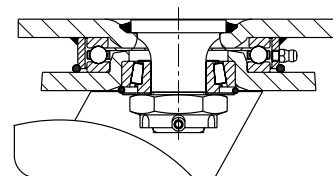
- axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head
- bolted and secured welded central kingpin, extremely strong
- dust and splash-proof
- grease nipple

Wheel: G series

- rugged grey cast iron, hardness 180–220 HB, grease nipple, lacquered, colour silver

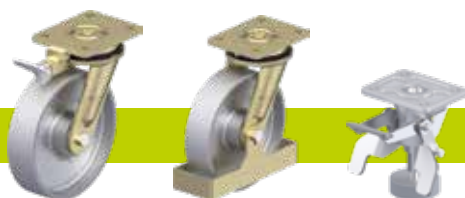
Additional details:

- 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

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