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

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

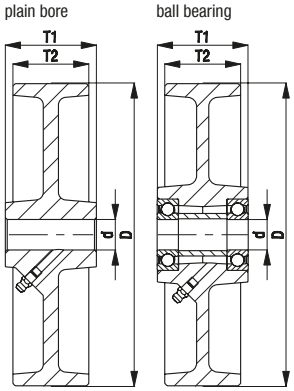
Other features:
- chemical resistance to many aggressive substances
- operating temperature:
  plain bore version: -100 °C to +600 °C
  ball bearing version: -20 °C to +120 °C
- consider the surface pressure on sensitive floors due to high point loads
- provide adequate lubrication on a regular basis 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

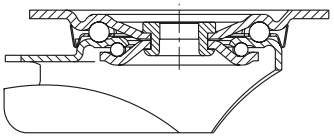
250–400 kg

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

Blickle®

LK-G, BK-G, BH-G series

Pressed steel castors, heavy-duty design, with top plate, with cast iron wheel

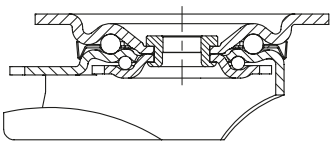
250–600 kg

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

Blickle®

LH-G, BH-G series

Pressed steel castors, heavy-duty design, with top plate, with cast iron wheel

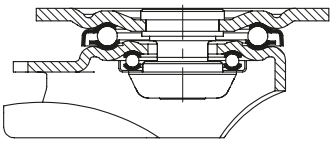
250–900 kg

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

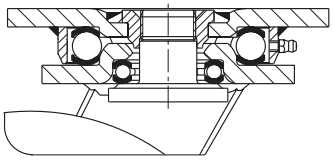
750–1,200 kg

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



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)

LS-G, BS-G series

Welded steel heavy-duty castors, heavy-duty swivel head, with cast iron wheel

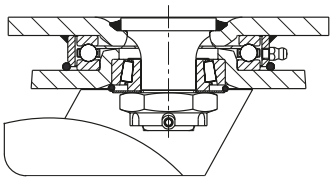
750–1,400 kg

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

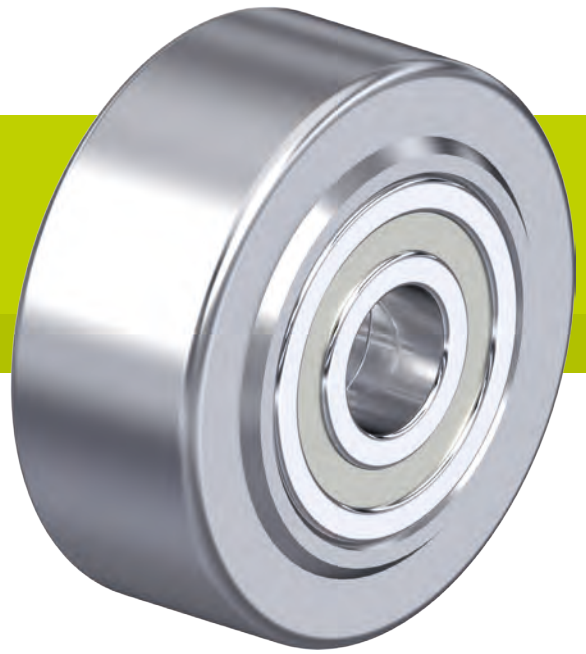
Versions / options

	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

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

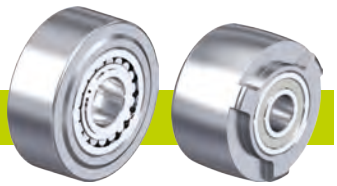
Other features:
- chemical resistance to many aggressive substances
- operating temperature: -20 °C to +120 °C
- consider the surface pressure on sensitive floors due to high point loads

Additional details:
- wheel series: page 70
- tread: page 59
- bearing types: page 84–85
- chemical resistance: page 51

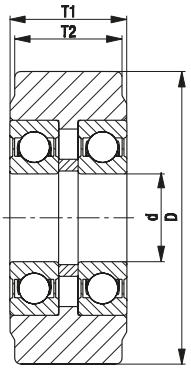
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
SVS 65/20K	65	40	750	ball bearing	20	45
SVS 80/20K	80	40	1,100	ball bearing	20	45
SVS 100/25K	100	40	1,700	ball bearing	25	45
SVS 127/30K	125	55	2,750	ball bearing	30	60
SVS 150/45K	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

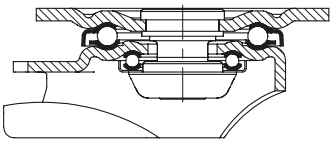
700–900 kg

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

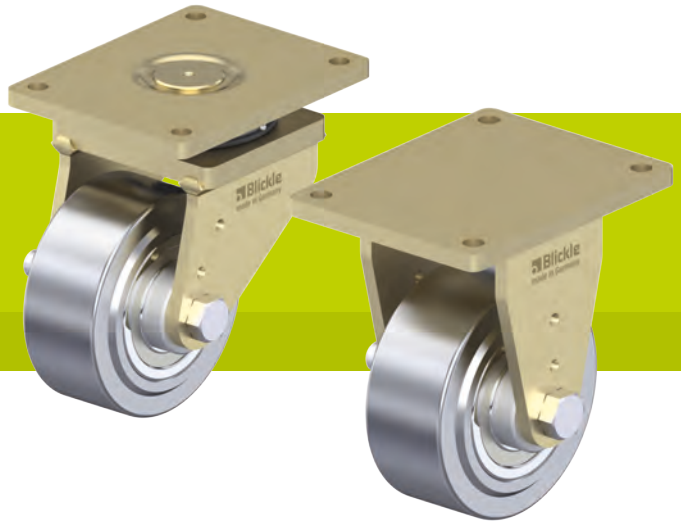
Versions / options

	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	114
Product code suffix	**RI-04.01**	**RI-04.03**	**RI-05.03**	**-FS**	**FF 100-1 / FF 125-1**
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 100+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

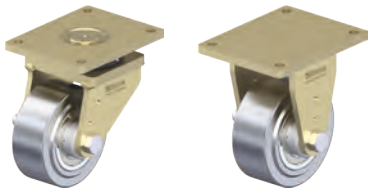


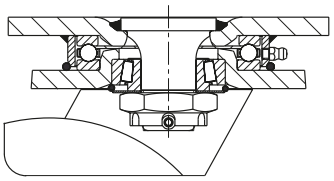
Bracket: LS/BS series
- particularly robust welded steel construction, zinc-plated, yellow-passivated, Cr6-free

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

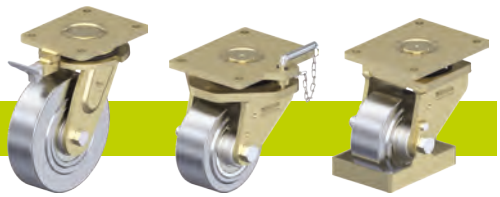
Additional details:
- bracket series: page 94
- wheel series: page 382
- bearing types: page 84–85





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