





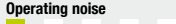

Series: G

Cast iron wheels

 250 - 1400 kg

 RoHS



Tread & tyre hardness	 180 - 220 HB
Temperature resistance	 -25° C - +120° C
Rolling resistance	 excellent
Operating noise	 sufficient
Floor surface preservation	 sufficient

G-wheel series:

Made of rugged grey cast iron, machined tread and tread edges, with grease nipple, exceptionally low rolling and swivel resistance, outstanding wear resistance, lacquered, colour silver. (Material description page 40)

Bearing types:

- Plain bore
- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

Other features:

For chemical resistance refer to material description page 40.

Operating temperature: -25° C to +120° C.

For plain bore versions, a temperature specific grease must be regularly applied.

The relatively high floor pressure should be considered for pressure-sensitive floors.

Wheel series overview page 50

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
G 80/12G	80	25	250	Plain bore	12	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	1100	Plain bore	20	60
G 200/20K	200	50	1100	Ball bearing	20	60
G 250/25G	250	60	1400	Plain bore	25	65
G 250/25K	250	60	1400	Ball bearing	25	70

Options



Heat-resistant versions

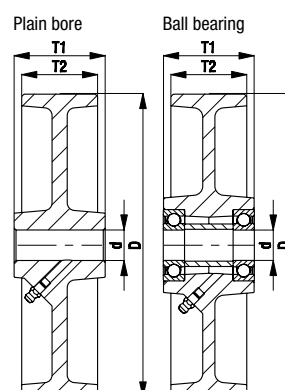
Technical description page

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Product code suffix

Available for

refer to page 399

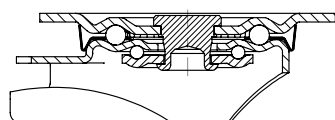


Series: L-G, B-G

Pressed steel castors, medium duty brackets, with top plate fitting, with cast iron wheel

 200 - 350 kg

 RoHS



Brackets: L/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 150-200 mm), swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

Wheels: G series - Made of grey cast iron, with grease nipple, lacquered, silver. Bearing type: Plain bore. Detailed description: Page 320 and 50

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	40
L-G 150G	B-G 150G	L-G 150G-FI	150	50	350	Plain bore	190	140 x 110	105 x 75-80	11	60
L-G 200G	B-G 200G	L-G 200G-FI	200	50	350	Plain bore	235	140 x 110	105 x 75-80	11	65

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Options



	With 'stop-top' brake	Directional lock (retro fit) 1 x 360° *	Directional lock (retro fit) 1 x 360° *	With steel foot guard	Heat-resistant versions
Technical description page	80	83	83	84	40, 71
Product code suffix	-ST	RI-03.01	RI-05.03	-FS	
Available for	all sizes	wheel Ø 100-125 mm	wheel Ø 150-200 mm	wheel Ø 150-200 mm upon request	refer to page 400

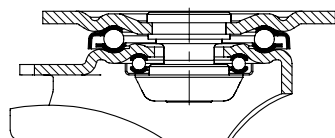
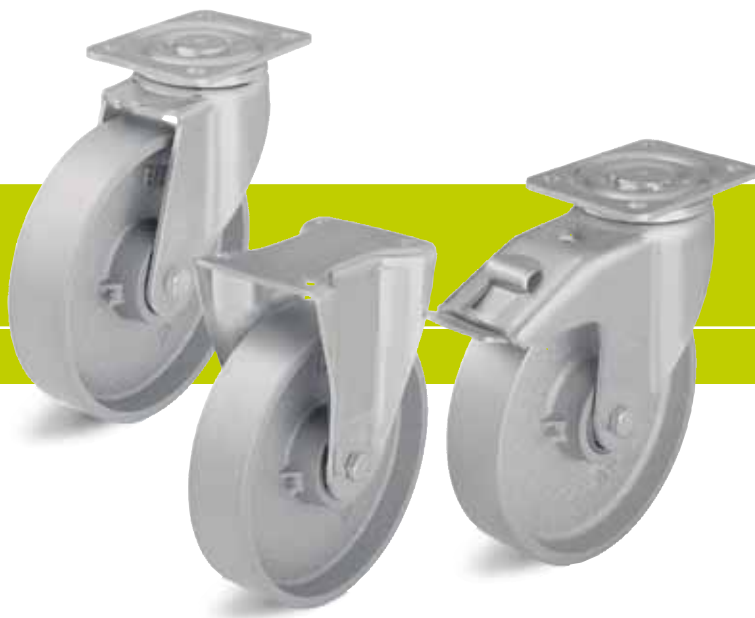
* Only for swivel castors without brake

Series: LH-G, BH-G

Pressed steel castors, heavy duty brackets, with top plate fitting, with cast iron wheel

 250 - 900 kg

 RoHS



Brackets: LH/BH series - Made of heavy pressed steel, swivel bracket with heavy fork and top plate, very strong bolted and secured central kingpin, double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats** resulting in a very high resistance to shock and impact loads.

Bolted wheel axle.

Zinc-plated, blue-passivated, Cr6-free.

Bracket overview: Page 66

Top plate drawings: Page 77

Wheel and swivel head 'stop-fix' brake: Page 80

Wheels: G series - Made of grey cast iron, with grease nipple, lacquered, silver.

Bearing types: Plain bore or two pressed-in ball bearings.

Detailed description: Page 320 and 50

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

* For the 'stop-top' brake version refer to 'Options'

Options




	With 'stop-top' brake	Directional lock (retro-fit) 1 x 360° **	Directional lock (retro-fit) 1 x 360° **	Directional lock (retro-fit) 1 x 360° **	With steel foot guard	With sprung foot guard	Truck lock
Technical description page	80	83	83	83	84	84	82, 483
Product code suffix	-ST	RI-04.01	RI-04.03	RI-05.03	-FS	-FG	FF 125/150/200
Available for	all sizes	wheel Ø 80-125 mm with plate 100x85	Ø 100 - 125x35 mm with plate 140x110	wheel Ø 125x50 - 200 mm	upon request	upon request	wheel Ø 125x50 - 200 mm

** Only for swivel castors without brake




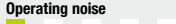

Series: SPK

Cast iron flanged wheels

 400 - 3500 kg

 RoHS



Tread & tyre hardness	 180 - 220 HB
Temperature resistance	 -100° C - +600° C
Rolling resistance	 excellent
Operating noise	 sufficient
Floor surface preservation	 sufficient

SPK-wheel series:

Made of rugged grey cast iron, wheel Ø 125 mm or larger (without flange dimension) with grease nipple, machined flange and tread, with horizontal taper of 3°, exceptionally low rolling resistance, outstanding wear resistance, lacquered, colour silver.

(Material description page 40)

Bearing types:

- Plain bore
- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

Other features:

For chemical resistance refer to material description page 40.

Operating temperature:

- Plain bore version: -100° C to +600° C, load capacity reduction of 50 % at +600° C.
- Ball bearing version: -25° C to +120° C.
- Heat-resistant ball bearing version (refer to 'Options'): -30° C to +300° C, load capacity reduction of 50 % at +300° C.

For plain bore versions, a temperature specific grease must be regularly applied.

The load capacities indicated in the table refer to the following rail profiles in acc. to DIN 536 (crane rail standard):

SPK 50G to SPK 200K, SPK 250G, SPK 250K: A45
SPK 201K, SPK 251K: A55

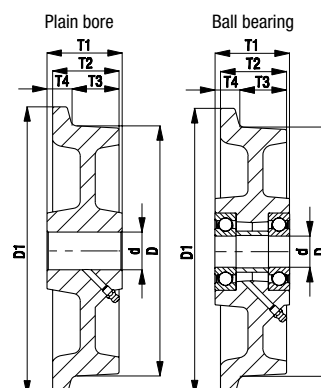
Wheel series overview page 50

Flanged wheels	Wheel Ø w/o flange (D) [mm]	Wheel Ø incl. flange (D1) [mm]	Wheel width (T2) [mm]	Tread width (T3) [mm]	Flange length (T4) [mm]	Load capacity [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	1000	Plain bore	20	52
SPK 150K	150	175	46	36	13	1000	Ball bearing	20	52
SPK 180G	180	210	46	36	13	1200	Plain bore	30	52
SPK 180K	180	210	46	36	13	1200	Ball bearing	20	52
SPK 200G	200	230	53	38	20	1500	Plain bore	30	60
SPK 200K	200	230	53	38	20	1500	Ball bearing	25	60
SPK 201K	200	230	80	60	25	3000	Ball bearing	40	90
SPK 250G	250	300	65	50	17.5	2500	Plain bore	40	70
SPK 250K	250	300	65	50	17.5	2500	Ball bearing	30	70
SPK 251K	250	300	80	60	25	3500	Ball bearing	40	90




Options

	With heat-resistant ball bearing (oven bearing)
Technical description page	61
Product code suffix	-IK
Available for	ball bearing versions upon request



Series: BS-SPK

Welded steel heavy duty castors, with cast iron flanged wheel

 800 - 3500 kg

 RoHS



Brackets: BS series - Particularly rugged welded steel construction, with reinforced fork for an improved absorption of axial forces.
Bolted wheel axle.
Zinc-plated, yellow-passivated, Cr6-free.
Bracket overview: Page 68
Top plate drawings: Page 77 and 78

Wheels: SPK series - Made of grey cast iron, wheel Ø 125 mm or larger (without flange dimension) with grease nipple, lacquered, silver.
Bearing type: Two pressed-in ball bearings.
Detailed description: Page 336 and 50



Fixed castors	Wheel Ø without flange (D) [mm]	Tread width without flange (T3) [mm]	Flange length (B4) [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	36	13	800	Ball bearing	157	140 x 110	105 x 75-80	11
BS-SPK 125K	125	36	13	900	Ball bearing	170	140 x 110	105 x 75-80	11
BS-SPK 150K	150	36	13	1000	Ball bearing	200	140 x 110	105 x 75-80	11
BS-SPK 200K	200	38	10	1500	Ball bearing	245	140 x 110	105 x 75-80	11
BS-SPK 201K	200	60	20	3000	Ball bearing	245	175 x 140	140 x 105	14
BS-SPK 250K	250	50	17.5	2500	Ball bearing	305	175 x 140	140 x 105	14
BS-SPK 251K	250	60	20	3500	Ball bearing	305	200 x 160	160 x 120	14

Options



With heat-resistant ball bearing (oven bearing) *

Technical description page

61

Product code suffix

-IK

Available for

upon request

* For load capacity refer to page 336

