

Contents: Section 14

Wheel series


Swivel bracket series (combined with the respective wheel series)
For matching fixed castors, refer to the corresponding catalogue pages.

		LK	LKR	LH	LT	LO	LS	LOD	LSD
 <p>SPO</p> <p>Series SPO Wheel Ø [mm] 75 - 250 mm Load capacity [kg] 300 - 2000 kg Page 262 - 263</p>									
		LK-SPO	LKR-SPO	LH-SPO	LT-SPO	LO-SPO	LS-SPO	LOD-SPO	LSD-SPO
		75 - 200 mm 300 - 600 kg	75 - 125 mm 300 - 350 kg	75 - 250 mm 300 - 900 kg	75 - 150 mm 300 - 750 kg	125 - 250 mm 750 - 1250 kg	125 - 250 mm 750 - 2000 kg	75 - 125 mm 500 - 1200 kg	125 - 250 mm 1350 - 3600 kg
		264	265	266	267	268	269	270	271
 <p>GSP0</p> <p>Series GSP0 Wheel Ø [mm] 80 - 400 mm Load capacity [kg] 1000 - 12000 kg Page 272</p>									
			LH-GSP0			LS-GSP0		LSD-GSP0	
			80 - 125 mm 700 - 900 kg			100 - 400 mm 1500 - 12000 kg		80 - 400 mm 1750 - 20000 kg	
			273			274		275	



Heavy duty nylon wheels and castors

Series: SPO, wheel Ø 75 - 175 mm
Heavy duty nylon wheels

 300 - 1000 kg



Made of high-quality nylon, very rugged, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain or ball bearing.
Detailed description: Page 47.

Wheels

Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
SPO 75/12G	75	32	300	Plain bearing	12	35
SPO 75/15G	75	32	300	Plain bearing	15	35
SPO 75/15K	75	32	300	Ball bearing	15	35
SPO 100/15G	100	37	500	Plain bearing	15	45
SPO 100/15K	100	37	500	Ball bearing	15	45
SPO 125/15G	125	40	700	Plain bearing	15	45
SPO 125/20G	125	40	700	Plain bearing	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 bearing	20	60
SPO 127/20K	125	50	750	Ball bearing	20	60
SPO 150/20G	150	50	800	Plain bearing	20	60
SPO 150/20K	150	50	800	Ball bearing	20	60
SPO 150/25K	150	50	800	Ball bearing	25	60
SPO 175/20G	175	50	1000	Plain bearing	20	60
SPO 175/20K	175	50	1000	Ball bearing	20	60
SPO 175/25K	175	50	1000	Ball bearing	25	60

For further wheel Ø, refer to the following page.

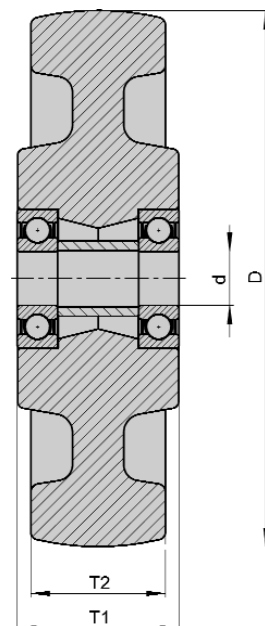
Variants / Accessories




With grease nipple With stainless steel ball bearing*

Technical description page	47	47 + 57
Ref. No. extension	-NI	-XK
Available for wheel Ø [mm]	Upon request	Upon request

* Caution! For reduced load capacities, refer to page 47.



Series: SPO, wheel Ø 200 + 250 mm
Heavy duty nylon wheels

 1000 - 2000 kg



Made of high-quality nylon, very rugged, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain or ball bearing.
Detailed description: Page 47.

Wheels

Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
SPO 201/20G	200	50	1000	Plain bearing	20	60
SPO 201/20K	200	50	1000	Ball bearing	20	60
SPO 200/20G*	200	50	1500	Plain bearing	20	60
SPO 200/25G*	200	50	1500	Plain bearing	25	60
SPO 200/20K*	200	50	1250	Ball bearing	20	60
SPO 200/25K*	200	50	1500	Ball bearing	25	60
SPO 200/30K*	200	50	1500	Ball bearing	30	60
SPO 250/25G	250	65	2000	Plain bearing	25	65
SPO 250/25K	250	65	2000	Ball bearing	25	65
SPO 250/30K	250	65	2000	Ball bearing	30	65
SPO 250/35K	250	65	2000	Ball bearing	35	65

* Extra-heavy wheel design.

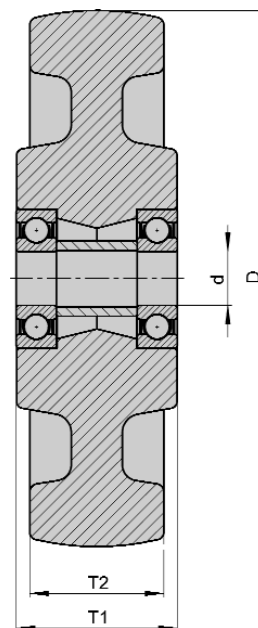
Variants / Accessories



With grease nipple With stainless steel ball bearing**

Technical description page	47	47 + 57
Ref. No. extension	-NI	-XK
Available for wheel Ø [mm]	Upon request	Upon request

** Caution! For reduced load capacities, refer to page 47.



Series: LK-SPO, BK-SPO, BH-SPO

Pressed steel swivel and fixed castors, medium heavy duty brackets

300 - 600 kg



Brackets: LK/BK/BH Series - Pressed from heavy sheet-steel, swivel bracket with double ball bearing in the reinforced swivel head, dynamically pressed in accordance with special Blickle procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin (wheel Ø 125x54 - 200x50 mm) and swivel head sealing, bolted wheel axle, zinc-plated.

Wheels: SPO Series - Made of high-quality nylon, very rugged, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain or ball bearing. Detailed description: Page 262, 263 and 47.

Top plate drawings: Page 71.
Detailed description: Page 63 and 76.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swl castor [mm]
LK-SPO 75G	BK-SPO 75G	*	75	32	300	Plain bearing	108	100 x 85	80 x 60	9	40
LK-SPO 75K	BK-SPO 75K	*	75	32	300	Ball bearing	108	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 bearing	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 bearing	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 bearing	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 bearing	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
LK-SPO 127G	BH-SPO 127G	LK-SPO 127G-FI	125	50	600	Plain bearing	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 bearing	197	140 x 110	105 x 75-80	11	63
LK-SPO 150K	BH-SPO 150K	LK-SPO 150K-FI	150	50	600	Ball bearing	197	140 x 110	105 x 75-80	11	63
LK-SPO 175G	BH-SPO 175G	LK-SPO 175G-FI	175	50	600	Plain bearing	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 201G	BH-SPO 201G	LK-SPO 201G-FI	200	50	600	Plain bearing	245	140 x 110	105 x 75-80	11	65
LK-SPO 201K	BH-SPO 201K	LK-SPO 201K-FI	200	50	600	Ball bearing	245	140 x 110	105 x 75-80	11	65
LK-SPO 200G**	BH-SPO 200G**	LK-SPO 200G-FI**	200	50	600	Plain bearing	245	140 x 110	105 x 75-80	11	65
LK-SPO 200K**	BH-SPO 200K**	LK-SPO 200K-FI**	200	50	600	Ball bearing	245	140 x 110	105 x 75-80	11	65

* For the "stop-top" brake variant, refer to Variants / Accessories.

** Extra-heavy wheel design.

Variants / Accessories




	With pressed steel thread guard, zinc-plated	With "stop-top" brake	With "ideal-stop" brake ttl. height +17mm***	With directional lock (retro fit) *** 1 x 360°	With directional lock (retro fit) **** 1 x 360°	With stainless steel axle tube in the wheel hub	With stainless steel ball bearing in the wheel hub
Technical description page	79	77	77	78	78	79	57
Ref. No. extension	-FA	-ST	-IS	RI-03.03	RI-05.03	-XA	-XK
Available for wheel Ø [mm]	All sizes	All sizes	125x50 + 200	100 + 125 plate 140x110	125x50 - 200	All plain bearing versions	Upon request

*** Matching synthetic adapter plate for total height compensation for swivel and fixed castors without "ideal-stop" brake: Ref. No. AP3.

**** Only for swivel castors without brake.

Series: LKR-SPO

Pressed steel swivel castors with bolt hole fitting, medium heavy duty brackets

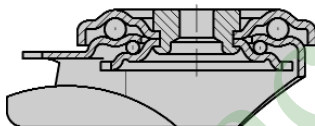
 300 - 350 kg



Brackets: LKR Series - Pressed from heavy sheet-steel, single bolt hole fitting, double ball bearing in the swivel head, dynamically pressed in accordance with special Blickle procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin, bolted wheel axle, zinc-plated.
Detailed description: Page 63 and 76.

Wheels: SPO Series - Made of high-quality nylon, very rugged, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain or ball bearing.
Detailed description: Page 262 and 47.

Swivel castors		Swivel castors with "stop-fix" brake		Wheel Ø	Wheel width	Load capacity	Bearing version	Total height	Plate Ø	Bolt hole Ø	Offset
Ref. No.	Ref. No.	[mm]	[mm]	[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]
LKR-SPO 75G		75	32	300	Plain bearing	108	88	13	40		
LKR-SPO 75K		75	32	300	Ball bearing	108	88	13	40		
LKR-SPO 100G	LKR-SPO 100G-FI	100	37	350	Plain bearing	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 bearing	155	88	13	48		
LKR-SPO 125K	LKR-SPO 125K-FI	125	40	350	Ball bearing	155	88	13	48		



Variants / Accessories

	With pressed steel thread guard, zinc-plated	With stainless steel axle tube in the wheel hub	With stainless steel ball bearing in the wheel hub
Technical description page	79	79	57
Ref. No. extension	-FA	-XA	-XK
Available for wheel Ø [mm]	All sizes	All plain bearing versions	Upon request

Series: LH-SPO, BH-SPO

Pressed steel swivel and fixed castors, heavy duty brackets

300 - 900 kg



Brackets: LH/BH Series - Pressed from sheet-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.

Wheels: SPO Series - Made of high-quality nylon, very rugged, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain or ball bearing.
Detailed description: Page 262, 263 and 47.

Top plate drawings: Page 71.
Detailed description: Page 63 and 76.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swl castor [mm]
LH-SPO 75G	BH-SPO 75G	LH-SPO 75G-FI	75	32	300	Plain bearing	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 100G-1	BH-SPO 100G-1	LH-SPO 100G-1-FI	100	37	500	Plain bearing	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		LH-SPO 100G-3-FI	100	37	500	Plain bearing	140	140 x 110	105 x 75-80	11	45
LH-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 bearing	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 bearing	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 bearing	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
LH-SPO 150G	BH-SPO 150G	LH-SPO 150G-FI	150	50	800	Plain bearing	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 175G	BH-SPO 175G	LH-SPO 175G-FI	175	50	900	Plain bearing	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 201G	BH-SPO 201G	LH-SPO 201G-FI	200	50	900	Plain 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 200G**	BH-SPO 200G**	LH-SPO 200G-FI**	200	50	900	Plain bearing	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 250G	BH-SPO 250G	*	250	65	900	Plain bearing	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

* For the "stop-top" brake variant, refer to Variants / Accessories.

** Extra-heavy wheel design.

Variants / Accessories




	With pressed steel thread guard, zinc-plated	With "stop-top" brake	With "ideal-stop" brake ttl. height +17mm***	With directional lock (retro fit) *** 1 x 360°	With sealing + grease nipple in the swivel head ****	With stainless steel axle tube in the wheel hub	With stainless steel ball bearing in the wheel hub ****
Technical description page	79	77	77	78	63	79	47 + 57
Ref. No. extension	-FA	-ST	-IS	RI-05.03	-DN	-XA	-XK
Available for wheel Ø [mm]	75 - 200	All sizes	125x50 + 200	125x50 - 200	Upon request	All plain bearing versions	Upon request

*** Matching synthetic adapter plate for total height compensation for swivel and fixed castors without "ideal-stop" brake: Ref. No. AP3.

**** Only for swivel castors without brake. ***** Caution! For reduced load capacities, refer to page 47.

Series: LT-SPO, BT-SPO

Malleable cast iron swivel and fixed castors

 300 - 750 kg



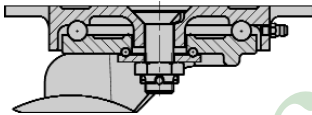
Brackets: LT/BT Series - Made of high-quality white malleable cast iron, swivel bracket with double ball bearing in the swivel head (wheel Ø 75 mm with single ball bearing), swivel head with ball protection, fitted grease nipple, bolted wheel axle, zinc-plated:

Top plate drawings: Page 73.
Detailed description: Page 63.

Wheels: SPO Series - Made of high-quality nylon, very rugged, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain bearing.

Detailed description: Page 262 and 47.

Swivel castors		Fixed castors								
Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LT-SPO 75G	BT-SPO 75G	75	32	300	Plain bearing	108	115 x 80	90 x 55	9	30
LT-SPO 100G	BT-SPO 100G	100	37	500	Plain bearing	150	155 x 105	125 x 75	11	40
LT-SPO 125G	BT-SPO 125G	125	40	500	Plain bearing	163	155 x 105	125 x 75	11	40
LT-SPO 150G	BT-SPO 150G	150	50	750	Plain bearing	200	175 x 125	145 x 95	11	50



Series: LO-SPO, BO-SPO

Welded steel heavy duty swivel and fixed castors

750 - 1250 kg



Brackets: LO/BO Series - Heavy welded steel construction, swivel bracket with double ball bearing in the swivel head, **additionally reinforced by the integration of four specially shaped and hardened bearing seats**, labyrinth swivel head sealing with grease nipple, welded very strong, bolted and secured central kingpin, bolted wheel axle, zinc-plated.

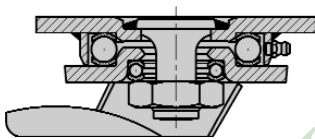
Wheels: SPO Series - Made of high-quality nylon, very rugged, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain or ball bearing.
Detailed description: Page 262, 263 and 47.

Top plate drawings: Page 71.
Detailed description: Page 64 and 77.

Swivel castors	Fixed castors	Swivel castors with "stop-top" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivl castor [mm]
Ref. No.	Ref. No.	Ref. No.									
LO-SPO 127G	BO-SPO 127G	LO-SPO 127G-ST	125	50	750	Plain bearing	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 bearing	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 201G	BO-SPO 201G	LO-SPO 201G-ST	200	50	1000	Plain bearing	245	140 x 110	105 x 75-80	11	60
LO-SPO 201K	BO-SPO 201K	LO-SPO 201K-ST	200	50	1000	Ball bearing	245	140 x 110	105 x 75-80	11	60
LO-SPO 200G*	BO-SPO 200G*	LO-SPO 200G-ST*	200	50	1250	Plain bearing	245	140 x 110	105 x 75-80	11	60
LO-SPO 200K*	BO-SPO 200K*	LO-SPO 200K-ST*	200	50	1250	Ball bearing	245	140 x 110	105 x 75-80	11	60
LO-SPO 250G	BO-SPO 250G	LO-SPO 250G-ST	250	65	1200	Plain bearing	295	140 x 110	105 x 75-80	11	70
LO-SPO 250K	BO-SPO 250K	LO-SPO 250K-ST	250	65	1200	Ball bearing	295	140 x 110	105 x 75-80	11	70

* Extra-heavy wheel design.

14



Variants / Accessories

	With pressed steel thread guard, zinc-plated	With directional lock 2 x 180°	With stainless steel axle tube in the wheel hub	With stainless steel ball bearing in the wheel hub**
Technical description page	79	78	79	47 + 57
Ref. No. extension	-FA	-RI2	-XA	-XK
Available for wheel Ø [mm]	125 - 200	125 - 200	All plain bearing versions	Upon request

** Caution! For reduced load capacities, refer to page 47.

Series: LS-SPO, BS-SPO

Welded steel heavy duty swivel and fixed castors, extra strong swivel head design

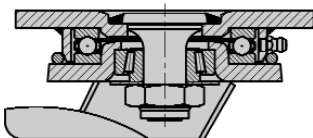
750 - 2000 kg



Brackets: LS/BS Series - Very rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof. Fitted grease nipple, welded very strong, bolted and secured central kingpin, bolted wheel axle, zinc-plated - yellow passivated.
Top plate drawings: Page 71 and 72.
Detailed description: Page 64 and 77.

Wheels: SPO Series - Made of high-quality nylon, very rugged, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain or ball bearing.
Detailed description: Page 262, 263 and 47.

Swivel castors	Fixed castors	Swivel castors with "stop-top" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
Ref. No.	Ref. No.	Ref. No.									
LS-SPO 127G	BS-SPO 127G	LS-SPO 127G-ST	125	50	750	Plain bearing	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 bearing	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 200G	BS-SPO 200G	LS-SPO 200G-ST	200	50	1500	Plain bearing	245	140 x 110	105 x 75-80	11	60
LS-SPO 200K	BS-SPO 200K	LS-SPO 200K-ST	200	50	1500	Ball bearing	245	140 x 110	105 x 75-80	11	60
LS-SPO 250G	BS-SPO 250G	LS-SPO 250G-ST	250	65	2000	Plain bearing	305	175 x 140	140 x 105	14	75
LS-SPO 250K	BS-SPO 250K	LS-SPO 250K-ST	250	65	2000	Ball bearing	305	175 x 140	140 x 105	14	75



Variants / Accessories




	With pressed steel thread guard, zinc-plated	With directional lock 2 x 180°	With directional lock 4 x 90°	With stainless steel axle tube in the wheel hub	With stainless steel ball bearing in the wheel hub*
Technical description page	79	78	78	79	47 + 57
Ref. No. extension	-FA	-RI2	-RI4	-XA	-XK
Available for wheel Ø [mm]	125 - 200	All sizes	Upon request	All plain bearing versions	Upon request

* Caution! For reduced load capacities, refer to page 47.

Series: LOD-SPO, BOD-SPO

Welded steel heavy duty double swivel and fixed castors

 500 - 1200 kg



Brackets: LOD/BOD Series - Heavy welded steel construction, swivel bracket with double ball bearing in the swivel head, **additionally reinforced by the integration of four specially shaped and hardened bearing seats**, labyrinth swivel head sealing with grease nipple, welded very strong, bolted and secured central kingpin, bolted wheel axle, zinc-plated.

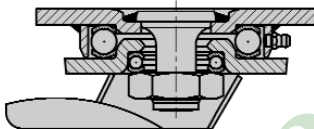
Top plate drawings: Page 71.
Detailed description: Page 64.

Wheels: SPO Series - Made of high-quality nylon, very rugged, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, ball bearing.

Detailed description: Page 262 and 47.


Swivel castors		Fixed castors								
Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
LOD-SPO 75K	BOD-SPO 75K	75	2 x 32	500	Ball bearing	123	110 x 140*	75-80 x 105	11	40
LOD-SPO 100K	BOD-SPO 100K	100	2 x 37	800	Ball bearing	145	110 x 140*	75-80 x 105	11	45
LOD-SPO 125K	BOD-SPO 125K	125	2 x 40	1200	Ball bearing	170	110 x 140*	75-80 x 105	11	50

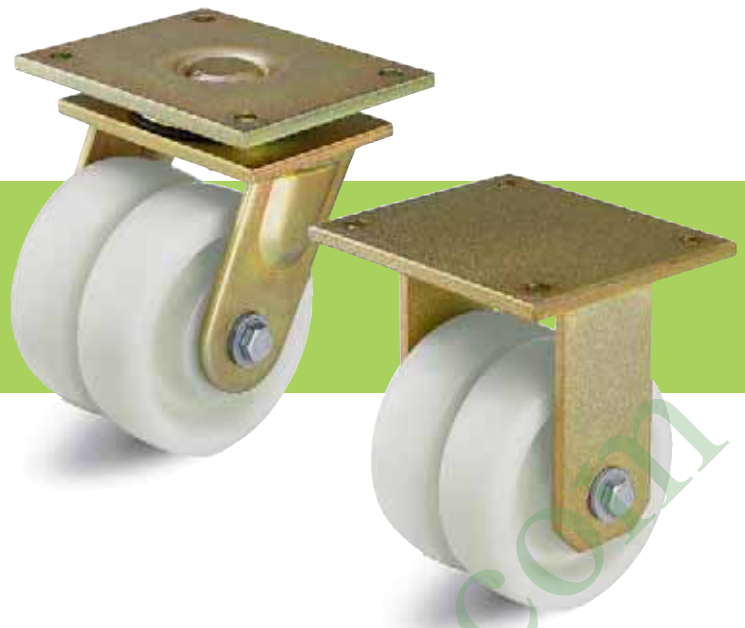
* Fixed castors: Long plate side in parallel with the wheel axle



Series: LSD-SPO, BSD-SPO

**Welded steel heavy duty
double swivel and fixed castors,
extra strong swivel head design**

 1350 - 3600 kg



Brackets: LSD/BSL Series - Very rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash water-proof. Fitted grease nipple, welded very strong, bolted and secured central kingpin, bolted wheel axle.

Wheel Ø 125 - 200 mm: Zinc-plated - yellow passivated.

Wheel Ø 250 mm: Lacquered - colour red.

Top plate drawings: Page 71 and 72.

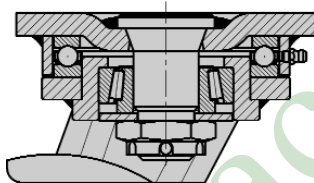
Detailed description: Page 64.

Wheels: SPO Series - Made of high-quality nylon, very rugged, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, ball bearing.

Detailed description: Page 262, 263 and 47.

Swivel castors		Fixed castors		Wheel Ø	Wheel width	Load capacity	Bearing version	Total height	Plate size	Bolt hole spacing	Bolt hole Ø	Offset swivl castor
Ref. No.	Ref. No.	[mm]	[mm]	[kg]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
LSD-SPO 127K	BSD-SPO 127K	125	2 x 50	1350	Ball bearing	185	140 x 175*	105 x 140	14	50		
LSD-SPO 150K-35	BSD-SPO 150K-35	150	2 x 50	1450	Ball bearing	215	140 x 175*	105 x 140	14	55		
LSD-SPO 200K-35	BSD-SPO 200K-35	200	2 x 50	2700	Ball bearing	260	140 x 175*	105 x 140	14	60		
LSD-SPO 250K	BSD-SPO 250K	250	2 x 65	3600	Ball bearing	330	200 x 255*	160 x 210	18	70		

* Fixed castors: Long plate side in parallel with the wheel axle



Variants / Accessories



	With "Radstop" wheel brake	With directional lock 2 x 180°
Technical description page	78	78
Ref. No. extension	-RA	-RI2
Available for wheel Ø [mm]	Upon request	Upon request

Series: GSPO

Extra heavy duty wheels made of cast nylon

 1000 - 12000 kg



Made of hard and tough, highly compressed cast nylon with very high load capacity, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, ball bearing, colour natural beige.
Detailed description: Page 48.

Wheels

Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
GSPO 80/20K	80	40	1000	Ball bearing	20	45
GSPO 100/20K	100	40	1250	Ball bearing	20	45
GSPO 101/25K	100	55	1500	Ball bearing	25	60
GSPO 125/25K	125	55	2000	Ball bearing	25	60
GSPO 150/30K	150	55	2500	Ball bearing	30	60
GSPO 152/35K	150	80	3000	Ball bearing	35	90
GSPO 200/35K	200	55	3000	Ball bearing	35	60
GSPO 202/45K	200	80	4500	Ball bearing	45	90
GSPO 250/45K	250	65	5000	Ball bearing	45	70
GSPO 252/50K	250	80	6000	Ball bearing	50	90
GSPO 300/55K	300	80	7000	Ball bearing	55	90
GSPO 302/70K	300	110	10000	Ball bearing	70	120
GSPO 400/80K	400	110	12000	Ball bearing	80	120

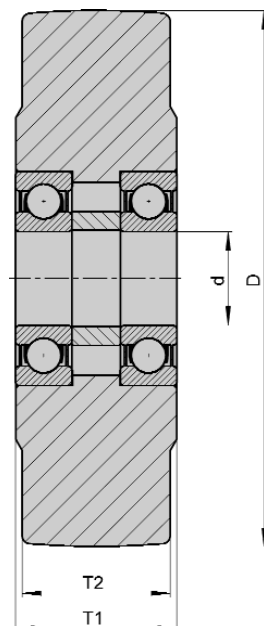
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Further information on the Internet: www.blickle.com

Variants / Accessories




	Plain bearing version	With spherical roller bearing	Further dimensions
Technical description page	48	48 + 58	
Ref. No. extension		-PR	
Available for wheel Ø [mm]	Upon request	Upon request	Upon request



Series: LH-GSP0, BH-GSP0

Pressed steel swivel and fixed castors, heavy duty brackets

 700 - 900 kg



Brackets: LH/BH Series - Pressed from sheet-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.

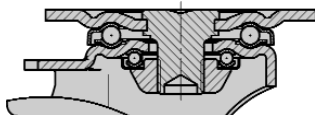
Top plate drawings: Page 71.
Detailed description: Page 63 and 76.

Wheels: GSP0 Series - Made of hard and tough, highly compressed cast nylon with very high load capacity, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, ball bearing, colour natural beige.

Detailed description: Page 272 and 48.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
Ref. No.	Ref. No.	Ref. No.									
LH-GSP0 80K	BH-GSP0 80K	LH-GSP0 80K-FI	80	40	700	Ball bearing	120	100 x 85	80 x 60	9	45
LH-GSP0 100K-1	BH-GSP0 100K-1	LH-GSP0 100K-1-FI	100	40	700	Ball bearing	140	100 x 85	80 x 60	9	45
LH-GSP0 100K-3		LH-GSP0 100K-3-FI	100	40	700	Ball bearing	140	140 x 110	105 x 75-80	11	45
LH-GSP0 125K	BH-GSP0 125K	LH-GSP0 125K-FI	125	55	900	Ball bearing	170	140 x 110	105 x 75-80	11	55

* For the "stop-top" brake version, refer to Variants / Accessories.



Variants / Accessories



	With "stop-top" brake	With directional lock (retro fit)** 1 x 360°
Technical description page	77	78
Ref. No. extension	-ST	RI-05.03
Available for wheel Ø [mm]	All sizes	125

** Only for swivel castors without brake.

Series: LS-GSP0, BS-GSP0

Welded steel extra heavy duty swivel and fixed castors, extra strong swivel head design

1500 - 12000 kg

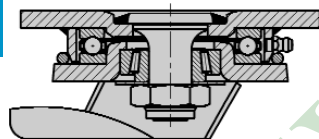


Brackets: LS/BS Series - Very rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof. Fitted grease nipple, welded very strong, bolted and secured central kingpin, bolted wheel axle, wheel dimensions 100 - 200x55 mm: Zinc-plated - yellow passivated. Wheel dimensions 200x80 - 400 mm: Lacquered - colour red. Top plate drawings: Page 71 and 72. Detailed description: Page 64 and 77.

Wheels: GSP0 Series - Made of hard and tough, highly compressed cast nylon with very high load capacity, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, ball bearing, colour natural beige. Detailed description: Page 272 and 48.

Swivel castors	Fixed castors	Swivel castors with "stop-top" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
Ref. No.	Ref. No.	Ref. No.									
LS-GSP0 101K	BS-GSP0 101K	LS-GSP0 101K-ST	100	55	1500	Ball bearing	145	140 x 110	105 x 75-80	11	50
LS-GSP0 125K	BS-GSP0 125K	LS-GSP0 125K-ST	125	55	1750	Ball bearing	170	140 x 110	105 x 75-80	11	50
LS-GSP0 150K-35	BS-GSP0 150K-35	LS-GSP0 150K-35-ST	150	55	2500	Ball bearing	205	175 x 140	140 x 105	14	65
LS-GSP0 152K-35	BS-GSP0 152K-35	LS-GSP0 152K-35-ST	150	80	3000	Ball bearing	205	175 x 140	140 x 105	14	65
LS-GSP0 200K-35	BS-GSP0 200K-35	LS-GSP0 200K-35-ST	200	55	3000	Ball bearing	255	175 x 140	140 x 105	14	65
LS-GSP0 202K	BS-GSP0 202K	*	200	80	4500	Ball bearing	280	255 x 200	210 x 160	18	75
LS-GSP0 250K	BS-GSP0 250K	*	250	65	5000	Ball bearing	330	255 x 200	210 x 160	18	80
LS-GSP0 252K	BS-GSP0 252K	*	250	80	6000	Ball bearing	330	255 x 200	210 x 160	18	80
LS-GSP0 300K	BS-GSP0 300K	*	300	80	6000	Ball bearing	380	255 x 200	210 x 160	18	90
LS-GSP0 302K	BS-GSP0 302K	*	300	110	10000	Ball bearing	430	400 x 300	340 x 240	26	110
LS-GSP0 400K	BS-GSP0 400K	*	400	110	12000	Ball bearing	530	400 x 300	340 x 240	26	125

* For the "Radstop" brake version, please refer to Variants / Accessories.



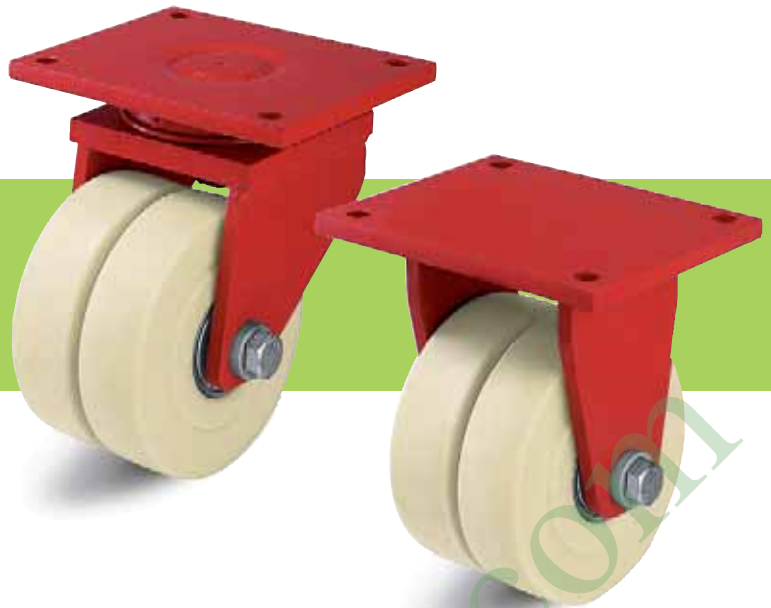
Variants / Accessories

	With "Radstop" wheel brake	With directional lock 2 x 180°	With directional lock 4 x 90°
Technical description page	78	78	78
Ref. No. extension	-RA	-RI2	-RI4
Available for wheel Ø [mm]	Upon request	Upon request	Upon request

Series: LSD-GSPO, BSD-GSPO

Welded steel extra heavy duty double swivel and fixed castors, extra strong swivel head design

1750 - 20000 kg

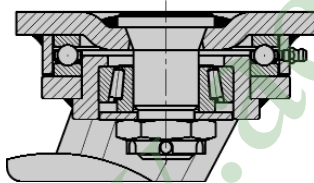


Brackets: LSD/BSO Series - Very rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash water-proof. Fitted grease nipple, welded very strong, bolted and secured central kingpin, bolted wheel axle. Wheel Ø 80+100 mm: Zinc-plated - yellow passivated. Wheel Ø 125 - 400 mm: Lacquered - colour red. Top plate drawings: Page 71 and 72. Detailed description: Page 64.

Wheels: GSPO Series - Made of hard and tough, highly compressed cast nylon with very high load capacity, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, ball bearing, colour natural beige. Detailed description: Page 272 and 48.

Swivel castors		Fixed castors		Wheel Ø	Wheel width	Load capacity	Bearing version	Total height	Plate size	Bolt hole spacing	Bolt hole Ø	Offset swivel castor
Ref. No.	Ref. No.	[mm]	[mm]	[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]	[mm]
LSD-GSPO 80K	BSD-GSPO 80K	80	2 x 40	1750	Ball bearing	125	110 x 140*	75-80 x 105	11	40		
LSD-GSPO 100K	BSD-GSPO 100K	100	2 x 40	2200	Ball bearing	160	140 x 175*	105 x 140	14	45		
LSD-GSPO 125K	BSD-GSPO 125K	125	2 x 55	3600	Ball bearing	205	200 x 255*	160 x 210	18	50		
LSD-GSPO 150K	BSD-GSPO 150K	150	2 x 55	4500	Ball bearing	230	200 x 255*	160 x 210	18	55		
LSD-GSPO 200K	BSD-GSPO 200K	200	2 x 55	5400	Ball bearing	290	200 x 255*	160 x 210	18	60		
LSD-GSPO 250K	BSD-GSPO 250K	250	2 x 65	9000	Ball bearing	380	300 x 400*	240 x 340	26	110		
LSD-GSPO 302K	BSD-GSPO 302K	300	2 x 110	17000	Ball bearing	500	400 x 500*	300 x 400	32	110		
LSD-GSPO 400K	BSD-GSPO 400K	400	2 x 110	20000	Ball bearing	600	400 x 500*	300 x 400	32	125		

* Fixed castors: Long plate side in parallel with the wheel axle



Variants / Accessories

	With "Radstop" wheel brake	With directional lock 2 x 180°
Technical description page	78	78
Ref. No. extension	-RA	-RI2
Available for wheel Ø [mm]	Upon request	Upon request