

Heavy duty wheels and castors with elastic solid rubber tyres

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Table of Contents

		LE	L	LK/LKR	LU	LH	LHZ	LO	LHD	LS/LSD
	POEV Series POEV Wheel Ø 80 - 300 mm Load capacity 140 - 650 kg Page 164									
		LE-POEV 80 - 200 mm 140 - 300 kg 165	L-POEV 80 - 250 mm 140 - 500 kg 166	LK-/LKR-POEV 80 - 200 mm 170 - 500 kg 167/168	LU-POEV 160 - 200 mm 400 - 500 kg 169	LH-POEV 80 - 250 mm 170 - 600 kg 170				
	ALEV Series ALEV Wheel Ø 100 - 250 mm Load capacity 200 - 650 kg Page 171									
			L-ALEV 100 - 250 mm 200 - 500 kg 172	LK-/LKR-ALEV 100 - 200 mm 200 - 500 kg 173/174	LU-ALEV 125 - 200 mm 270 - 500 kg 175	LH-ALEV 100 - 250 mm 200 - 650 kg 176	LHZ-ALEV 125 - 200 mm 270 - 500 kg 177	LO-ALEV 125 - 250 mm 270 - 650 kg 178	LHD-ALEV 100 - 125 mm 400 - 500 kg 179	
	SE Series SE Wheel Ø 80 - 415 mm Load capacity 200 - 1150 kg Page 180									
				LK-SE 80 - 200 mm 200 - 600 kg 181	LU-SE 125 - 200 mm 320 - 600 kg 182	LH-SE 80 - 250 mm 200 - 850 kg 183		LO-SE 125 - 250 mm 320 - 850 kg 184	LHD-SE 80 mm 400 kg 179	LS-/LSD-SE 125 - 415 mm 320 - 2000 kg 185/186
	GEV Series GEV Wheel Ø 250 - 620 mm Load capacity 725 - 3000 kg Page 187									
										LS-GEV 300 - 620 mm 900 - 3000 kg 188
	DS Series DS Wheel Ø 300 - 620 mm Load capacity 1500 - 6000 kg Page 189									

Series: POEV

Heavy duty wheels with elastic solid rubber tyres 'Blickle EasyRoll', with nylon wheel centre

140 - 650 kg

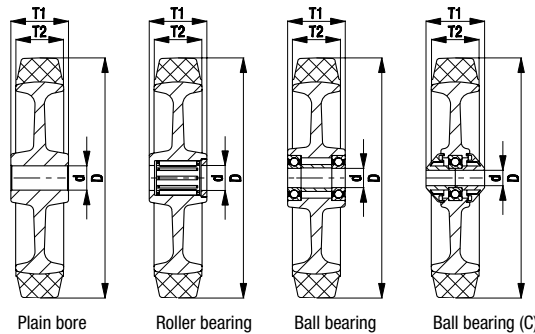
✓RoHS



Blickle
EasyRoll

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Tread & tyre hardness	65° shore A
Temperature resistance	-25° C - +80° C temporarily up to +100° C
Rolling resistance	very good
Operating noise	very good
Floor surface preservation	very good



POEV-wheel series:
Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A hardness, very high operational comfort, low-noise operation, low rolling resistance, very good floor preservation, colour black, vulcanised onto the wheel centre.
 (Material description page 38)
Wheel centre: Made of high-quality, impact-resistant nylon, colour black.
Bearing types:
 • Plain bore, corrosion-resistant
 • Roller bearing, lubricated with long-life grease
 • Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.
 • Ball bearing (C): A centrally encapsulated sealed ball bearing within the injected nylon, lubricated with long-life grease.
Other features:
 High chemical resistance to many aggressive substances, except oils (table page 36-37).
 Operating temperature: -25° C to +80° C, temporarily up to +100° C.
 At ambient temperatures above +35° C the load capacity is reduced.
 Maintenance-free under standard conditions.
Wheel series overview page 44

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
POEV 80/12G	80	32	140	Plain bore	12	35
POEV 80/12R	80	32	140	Roller bearing	12	35
POEV 80/8K	80	32	140	Ball bearing (C)	8	36
POEV 82/8K	80	40	170	Ball bearing (C)	8	46
POEV 82/10K	80	40	170	Ball bearing (C)	10	46
POEV 100/12G	100	38	200	Plain bore	12	45
POEV 100/12R	100	38	200	Roller bearing	12	45
POEV 100/15R	100	38	200	Roller bearing	15	45
POEV 100/8K	100	38	200	Ball bearing (C)	8	46
POEV 100/10K	100	38	200	Ball bearing (C)	10	46
POEV 100/15K	100	38	200	Ball bearing	15	45
POEV 125/12G	125	40	250	Plain bore	12	45
POEV 125/12R	125	40	250	Roller bearing	12	45
POEV 125/15R	125	40	250	Roller bearing	15	45
POEV 125/8K	125	40	250	Ball bearing (C)	8	46
POEV 125/10K	125	40	250	Ball bearing (C)	10	46
POEV 125/15K	125	40	250	Ball bearing	15	45
POEV 125/20K	125	40	250	Ball bearing	20	45
POEV 161/20R	160	40	320	Roller bearing	20	60
POEV 161/20K	160	40	320	Ball bearing (C)	20	60
POEV 160/20R	160	50	400	Roller bearing	20	60
POEV 160/20K	160	50	400	Ball bearing	20	60
POEV 201/20R	200	40	400	Roller bearing	20	60
POEV 201/20K	200	40	400	Ball bearing (C)	20	60
POEV 200/20R	200	50	500	Roller bearing	20	60
POEV 200/20K	200	50	500	Ball bearing	20	60
POEV 200/25K	200	50	500	Ball bearing	25	60
POEV 250/25R	250	50	600	Roller bearing	25	60
POEV 250/20K	250	50	600	Ball bearing	20	60
POEV 250/25K	250	50	600	Ball bearing	25	60
POEV 300/30K	300	60	650	Ball bearing	30	70



Options

	With non-marking grey tyre	With non-marking blue tyre	Electrically conductive version, black tyre	With stainless steel roller bearing in the wheel hub	With stainless steel ball bearing in the wheel hub	Wheel with additional ball bearing seals **	With stainless steel ball bearing and synthetic cover **
Technical description page	38	38	36, 38	60	61	61	61
Product code suffix	-SG	-SB	-EL	-XR	-XK	-KD	-XKA
Available for	Ø 80-200 all sizes, Ø 250 ball bearings	refer to *	ball bearing versions upon request	all sizes	Ø 160x50, 200x50, others upon request	all ball bearings (C), Ø 160x50 + 200x50	Ø 160x50, 200x50

* Available for wheel Ø 80x32, 100, 125, 160x50, 200x50, 250 mm (ball bearing versions)
 ** With wheel Ø 160x50 + 200x50 mm, the axle bore Ø is reduced to 12 mm and the hub length is increased to 62 mm

Series: LE-POEV, B-POEV

Pressed steel castors with top plate fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'

140 - 300 kg

RoHS

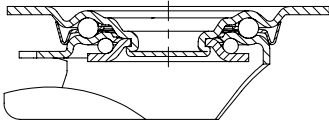


Blickle EasyRoll

Brackets: LE/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, 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 64 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

Wheels: POEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black. Wheel centre: Made of high-quality, impact-resistant nylon, black. Bearing types: Plain bore, roller bearing, two pressed-in ball bearings or a centrally encapsulated ball bearing (C). Detailed description: Page 164 and 44

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Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre 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]
LE-POEV 80G	B-POEV 80G	LE-POEV 80G-FI	80	32	140	Plain bore	102	100 x 85	80 x 60	9	38
LE-POEV 80R	B-POEV 80R	LE-POEV 80R-FI	80	32	140	Roller bearing	102	100 x 85	80 x 60	9	38
LE-POEV 80K	B-POEV 80K	LE-POEV 80K-FI	80	32	140	Ball bearing (C)	102	100 x 85	80 x 60	9	38
LE-POEV 100G	B-POEV 100G	LE-POEV 100G-FI	100	38	150	Plain bore	125	100 x 85	80 x 60	9	36
LE-POEV 100R	B-POEV 100R	LE-POEV 100R-FI	100	38	150	Roller bearing	125	100 x 85	80 x 60	9	36
LE-POEV 100K	B-POEV 100K	LE-POEV 100K-FI	100	38	150	Ball bearing (C)	125	100 x 85	80 x 60	9	36
LE-POEV 125G	B-POEV 125G	LE-POEV 125G-FI	125	40	150	Plain bore	150	100 x 85	80 x 60	9	40
LE-POEV 125R	B-POEV 125R	LE-POEV 125R-FI	125	40	150	Roller bearing	150	100 x 85	80 x 60	9	40
LE-POEV 125K	B-POEV 125K	LE-POEV 125K-FI	125	40	150	Ball bearing (C)	150	100 x 85	80 x 60	9	40
LE-POEV 161R	B-POEV 161R	LE-POEV 161R-FI	160	40	300	Roller bearing	195	140 x 110	105 x 75-80	11	54
LE-POEV 161K	B-POEV 161K	LE-POEV 161K-FI	160	40	300	Ball bearing (C)	195	140 x 110	105 x 75-80	11	54
LE-POEV 160R	B-POEV 160R	LE-POEV 160R-FI	160	50	300	Roller bearing	195	140 x 110	105 x 75-80	11	54
LE-POEV 160K	B-POEV 160K	LE-POEV 160K-FI	160	50	300	Ball bearing	195	140 x 110	105 x 75-80	11	54
LE-POEV 201R	B-POEV 201R	LE-POEV 201R-FI	200	40	300	Roller bearing	235	140 x 110	105 x 75-80	11	54
LE-POEV 201K	B-POEV 201K	LE-POEV 201K-FI	200	40	300	Ball bearing (C)	235	140 x 110	105 x 75-80	11	54
LE-POEV 200R	B-POEV 200R	LE-POEV 200R-FI	200	50	300	Roller bearing	235	140 x 110	105 x 75-80	11	54
LE-POEV 200K	B-POEV 200K	LE-POEV 200K-FI	200	50	300	Ball bearing	235	140 x 110	105 x 75-80	11	54

For stainless steel versions refer to page 358

Options *



	With non-marking grey tyre	With non-marking blue tyre	Electrically conductive version, black tyre	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	With central braking system 'central-stop'	With synthetic (-FP) or steel (-FS) foot guard
Technical description page	38	38	36, 38	84	80	81	84
Product code suffix	-SG	-SB	-EL	-FA	-ST	-CS11	-FP / -FS
Available for	all sizes	wheel Ø 80-125, 160x50, 200x50 mm	ball bearing versions upon request	all sizes except wheel Ø 160x40 + 200x40	wheel Ø 160-200 mm	wheel Ø 160-200 mm	upon request

* Additional options:

1. Directional lock (retro fit) 1 x 360°: **RI-03.01** available for wheel Ø 100-125 mm, **RI-03.03** available for wheel Ø 160-200 mm (only for swivel castors without brake)
2. Stainless steel axle tube (-XA), available for plain bore versions upon request (technical description page 85)
3. Stainless steel bearing or ball bearing seals: Refer to 'Options' on page 164

Series: L-POEV, B-POEV, BH-POEV

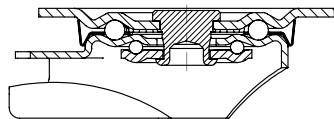
Pressed steel castors, medium duty brackets, with top plate fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'

140 - 500 kg

RoHS



Blickle EasyRoll



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Brackets: L/BH series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 160-250 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: POEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black.
Wheel centre: Made of high-quality, impact-resistant nylon, black.
Bearing types: Plain bore, roller bearing, two pressed-in ball bearings or a centrally encapsulated ball bearing (C).
Detailed description: Page 164 and 44



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre 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-POEV 80G	B-POEV 80G	L-POEV 80G-FI	80	32	140	Plain bore	102	100 x 85	80 x 60	9	38
L-POEV 80R	B-POEV 80R	L-POEV 80R-FI	80	32	140	Roller bearing	102	100 x 85	80 x 60	9	38
L-POEV 80K	B-POEV 80K	L-POEV 80K-FI	80	32	140	Ball bearing (C)	102	100 x 85	80 x 60	9	38
L-POEV 100G	B-POEV 100G	L-POEV 100G-FI	100	38	200	Plain bore	125	100 x 85	80 x 60	9	36
L-POEV 100R	B-POEV 100R	L-POEV 100R-FI	100	38	200	Roller bearing	125	100 x 85	80 x 60	9	36
L-POEV 100K	B-POEV 100K	L-POEV 100K-FI	100	38	200	Ball bearing (C)	125	100 x 85	80 x 60	9	36
L-POEV 125G	B-POEV 125G	L-POEV 125G-FI	125	40	200	Plain bore	150	100 x 85	80 x 60	9	40
L-POEV 125R	B-POEV 125R	L-POEV 125R-FI	125	40	200	Roller bearing	150	100 x 85	80 x 60	9	40
L-POEV 125K	B-POEV 125K	L-POEV 125K-FI	125	40	200	Ball bearing (C)	150	100 x 85	80 x 60	9	40
L-POEV 161R	B-POEV 161R	L-POEV 161R-FI	160	40	320	Roller bearing	195	140 x 110	105 x 75-80	11	60
L-POEV 161K	B-POEV 161K	L-POEV 161K-FI	160	40	320	Ball bearing (C)	195	140 x 110	105 x 75-80	11	60
L-POEV 160R	B-POEV 160R	L-POEV 160R-FI	160	50	400	Roller bearing	195	140 x 110	105 x 75-80	11	60
L-POEV 160K	B-POEV 160K	L-POEV 160K-FI	160	50	400	Ball bearing	195	140 x 110	105 x 75-80	11	60
L-POEV 201R	B-POEV 201R	L-POEV 201R-FI	200	40	400	Roller bearing	235	140 x 110	105 x 75-80	11	65
L-POEV 201K	B-POEV 201K	L-POEV 201K-FI	200	40	400	Ball bearing (C)	235	140 x 110	105 x 75-80	11	65
L-POEV 200R	B-POEV 200R	L-POEV 200R-FI	200	50	400	Roller bearing	235	140 x 110	105 x 75-80	11	65
L-POEV 200K	B-POEV 200K	L-POEV 200K-FI	200	50	400	Ball bearing	235	140 x 110	105 x 75-80	11	65
L-POEV 250R-3	BH-POEV 250R	*	250	50	500	Roller bearing	295	140 x 110	105 x 75-80	11	77
L-POEV 250K-3	BH-POEV 250K	*	250	50	500	Ball bearing	295	140 x 110	105 x 75-80	11	77

* For the 'stop-top' brake version refer to 'Options'
For stainless steel versions refer to page 360

Options **



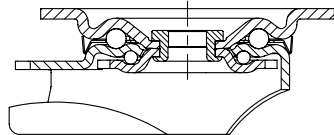
	With non-marking grey tyre	With non-marking blue tyre	Electrically conductive version, black tyre	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	With central braking system 'central-stop'	With synthetic (-FP) or steel (-FS) foot guard
Technical description page	38	38	36, 38	84	80	81	84
Product code suffix	-SG	-SB	-EL	-FA	-ST	-CS11	-FP / -FS
Available for	Ø 80-200 all sizes, Ø 250 ball bearings	wheel Ø 80-125, 160x50, 200x50 mm	ball bearing versions upon request	all sizes except wheel Ø 160x40 + 200x40	all sizes	wheel Ø 160-200 mm	upon request

** Additional options:
 1. Directional lock (retro fit) 1 x 360°: **RI-03.01** available for wheel Ø 100-125 mm, **RI-05.03** available for wheel Ø 160-200 mm (only for swivel castors without brake)
 2. Stainless steel axle tube (-XA), available for plain bore versions upon request (technical description page 85)
 3. Stainless steel bearing or ball bearing seals: Refer to 'Options' on page 164

Series: LK-POEV, BK-POEV, BH-POEV

Pressed steel castors, medium heavy duty brackets, with top plate fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'

170 - 500 kg RoHS



Blickle EasyRoll

Brackets: LK/BK/BH series - Made of heavy pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 160-200 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 66 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

Wheels: POEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black. Wheel centre: Made of high-quality, impact-resistant nylon, black. Bearing types: Roller bearing, two pressed-in ball bearings or a centrally encapsulated ball bearing (C). Detailed description: Page 164 and 44

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Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre 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-POEV 82K	BK-POEV 82K	LK-POEV 82K-FI	80	40	170	Ball bearing (C)	110	100 x 85	80 x 60	9	40
LK-POEV 100R-1	BK-POEV 100R-1	LK-POEV 100R-1-FI	100	38	200	Roller bearing	130	100 x 85	80 x 60	9	45
LK-POEV 100K-1	BK-POEV 100K-1	LK-POEV 100K-1-FI	100	38	200	Ball bearing (C)	130	100 x 85	80 x 60	9	45
LK-POEV 100R-3	BK-POEV 100R-3	LK-POEV 100R-3-FI	100	38	200	Roller bearing	130	140 x 110	105 x 75-80	11	45
LK-POEV 100K-3	BK-POEV 100K-3	LK-POEV 100K-3-FI	100	38	200	Ball bearing (C)	130	140 x 110	105 x 75-80	11	45
LK-POEV 125R-1	BK-POEV 125R-1	LK-POEV 125R-1-FI	125	40	250	Roller bearing	155	100 x 85	80 x 60	9	48
LK-POEV 125K-1	BK-POEV 125K-1	LK-POEV 125K-1-FI	125	40	250	Ball bearing (C)	155	100 x 85	80 x 60	9	48
LK-POEV 125R-3	BK-POEV 125R-3	LK-POEV 125R-3-FI	125	40	250	Roller bearing	155	140 x 110	105 x 75-80	11	48
LK-POEV 125K-3	BK-POEV 125K-3	LK-POEV 125K-3-FI	125	40	250	Ball bearing (C)	155	140 x 110	105 x 75-80	11	48
LK-POEV 160R	BH-POEV 160R	LK-POEV 160R-FI	160	50	400	Roller bearing	202	140 x 110	105 x 75-80	11	63
LK-POEV 160K	BH-POEV 160K	LK-POEV 160K-FI	160	50	400	Ball bearing	202	140 x 110	105 x 75-80	11	63
LK-POEV 200R	BH-POEV 200R	LK-POEV 200R-FI	200	50	500	Roller bearing	245	140 x 110	105 x 75-80	11	65
LK-POEV 200K	BH-POEV 200K	LK-POEV 200K-FI	200	50	500	Ball bearing	245	140 x 110	105 x 75-80	11	65

For stainless steel versions refer to page 361

Options *



	With non-marking grey tyre	With non-marking blue tyre	Electrically conductive version, black tyre	With 'stop-top' brake	With central braking system 'central-stop'	With 'ideal-stop' brake ttt. height +17mm **	With steel foot guard
Technical description page	38	38	36, 38	80	81	80	84
Product code suffix	-SG	-SB	-EL	-ST	-CS11	-IS	-FS
Available for	all sizes	wheel Ø 100-200 mm	ball bearing versions upon request	all sizes	wheel Ø 100-125 mm	Ø 100-200 mm with plate 140x110 mm	wheel Ø 160-200 mm upon request

* **Additional options:** 1. Pressed steel thread guard, zinc-plated (-FA), available for wheel Ø 100-200 mm; 2. Stainless steel bearing or ball bearing seals: Refer to 'Options' on page 164 3. Directional lock (retro fit) 1 x 360°: RI-03.03 for wheel Ø 100-125 mm with plate 140x110 mm, RI-05.03 for wheel Ø 160-200 mm (only for swivel castors without brake) ** Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: **Product code AP3**

Series: LKR-POEV

Pressed steel castors, medium heavy duty brackets, with bolt hole fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'

170 - 250 kg

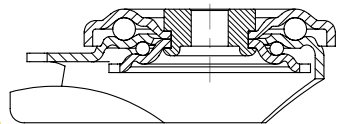
RoHS



Blickle EasyRoll

Brackets: LKR series - Made of heavy pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. 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 66
Wheel and swivel head 'stop-fix' brake: Page 80

Wheels: POEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black.
Wheel centre: Made of high-quality, impact-resistant nylon, black.
Bearing types: Roller bearing or a centrally encapsulated ball bearing (C).
Detailed description: Page 164 and 44



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Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LKR-POEV 82K	LKR-POEV 82K-FI	80	40	170	Ball bearing (C)	110	88	13	40
LKR-POEV 100R	LKR-POEV 100R-FI	100	38	200	Roller bearing	130	88	13	45
LKR-POEV 100K	LKR-POEV 100K-FI	100	38	200	Ball bearing (C)	130	88	13	45
LKR-POEV 125R	LKR-POEV 125R-FI	125	40	250	Roller bearing	155	88	13	48
LKR-POEV 125K	LKR-POEV 125K-FI	125	40	250	Ball bearing (C)	155	88	13	48

Options



	With non-marking grey tyre	With non-marking blue tyre	Electrically conductive version, black tyre	With pressed steel thread guard, zinc-plated	With stainless steel roller bearing in the wheel hub	With stainless steel ball bearing in the wheel hub	Wheel with additional ball bearing seals
Technical description page	38	38	36, 38	84	60	61	61
Product code suffix	-SG	-SB	-EL	-FA	-XR	-XK	-KD
Available for	all sizes	wheel Ø 100-125 mm	ball bearing versions upon request	wheel Ø 100-125 mm	all sizes	upon request	all sizes

Series: LU-POEV, BH-POEV

Pressed steel castors, closed medium heavy duty brackets, top plate fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'

400 - 500 kg

RoHS

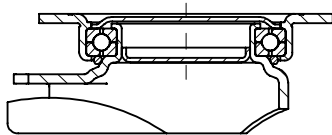


Blickle EasyRoll

Brackets: LU/BH series - Made of heavy pressed steel, swivel bracket with four-point contact ball bearing in the swivel head for optimal absorption of vertical and horizontal forces, closed sealed swivel head. The use of hardened bearing seats in conjunction with the special Blickle dynamic riveting process provides increased protection against shocks and impact loads and results in smooth rolling characteristics, low abrasion and an increased service life. 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: POEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black. Wheel centre: Made of high-quality, impact-resistant nylon, black. Bearing types: Roller bearing or two pressed-in ball bearings. Detailed description: Page 164 and 44

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Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre 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]
LU-POEV 160R	BH-POEV 160R	LU-POEV 160R-FI	160	50	400	Roller bearing	202	140 x 110	105 x 75-80	11	61
LU-POEV 160K	BH-POEV 160K	LU-POEV 160K-FI	160	50	400	Ball bearing	202	140 x 110	105 x 75-80	11	61
LU-POEV 200R	BH-POEV 200R	LU-POEV 200R-FI	200	50	500	Roller bearing	245	140 x 110	105 x 75-80	11	63
LU-POEV 200K	BH-POEV 200K	LU-POEV 200K-FI	200	50	500	Ball bearing	245	140 x 110	105 x 75-80	11	63

Options *



	With non-marking grey tyre	With non-marking blue tyre	Electrically conductive version, black tyre	With pressed steel thread guard, zinc-plated	Directional lock (retro fit) 1 x 360° **	With steel foot guard	With stainless steel roller bearing (-XR) / ball bearing (-XK)
Technical description page	38	38	36, 38	84	83	84	60 / 61
Product code suffix	-SG	-SB	-EL	-FA	RI-05.03	-FS	-XR / -XK
Available for	all sizes	all sizes	ball bearing versions upon request	all sizes	all sizes	upon request	all sizes

* **Additional options:**
 1. Wheel with additional ball bearing seals (-KD), available for all sizes (technical description page 61)
 2. Stainless steel ball bearing and synthetic cover (-XKA), available for all sizes (technical description page 61)
 ** Only for swivel castors without brake

Series: LH-POEV, BH-POEV

Pressed steel castors, heavy duty brackets, with top plate fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'

170 - 600 kg

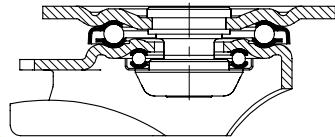
RoHS



Blickle EasyRoll

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: POEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black.
 Wheel centre: Made of high-quality, impact-resistant nylon, black.
 Bearing types: Roller bearing, two pressed-in ball bearings or a centrally encapsulated ball bearing (C).
 Detailed description: Page 164 and 44



5



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre 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-POEV 82K	BH-POEV 82K	LH-POEV 82K-FI	80	40	170	Ball bearing (C)	120	100 x 85	80 x 60	9	45
LH-POEV 100R-1	BH-POEV 100R-1	LH-POEV 100R-1-FI	100	38	200	Roller bearing	140	100 x 85	80 x 60	9	45
LH-POEV 100K-1	BH-POEV 100K-1	LH-POEV 100K-1-FI	100	38	200	Ball bearing	140	100 x 85	80 x 60	9	45
LH-POEV 100R-3	BH-POEV 100R-3	LH-POEV 100R-3-FI	100	38	200	Roller bearing	140	140 x 110	105 x 75-80	11	45
LH-POEV 100K-3	BH-POEV 100K-3	LH-POEV 100K-3-FI	100	38	200	Ball bearing	140	140 x 110	105 x 75-80	11	45
LH-POEV 125R-1	BH-POEV 125R-1	LH-POEV 125R-1-FI	125	40	250	Roller bearing	165	100 x 85	80 x 60	9	45
LH-POEV 125K-1	BH-POEV 125K-1	LH-POEV 125K-1-FI	125	40	250	Ball bearing	165	100 x 85	80 x 60	9	45
LH-POEV 125R-3	BH-POEV 125R-3	LH-POEV 125R-3-FI	125	40	250	Roller bearing	165	140 x 110	105 x 75-80	11	45
LH-POEV 125K-3	BH-POEV 125K-3	LH-POEV 125K-3-FI	125	40	250	Ball bearing	165	140 x 110	105 x 75-80	11	45
LH-POEV 160R	BH-POEV 160R	LH-POEV 160R-FI	160	50	400	Roller bearing	202	140 x 110	105 x 75-80	11	65
LH-POEV 160K	BH-POEV 160K	LH-POEV 160K-FI	160	50	400	Ball bearing	202	140 x 110	105 x 75-80	11	65
LH-POEV 200R	BH-POEV 200R	LH-POEV 200R-FI	200	50	500	Roller bearing	245	140 x 110	105 x 75-80	11	70
LH-POEV 200K	BH-POEV 200K	LH-POEV 200K-FI	200	50	500	Ball bearing	245	140 x 110	105 x 75-80	11	70
LH-POEV 250R	BH-POEV 250R	*	250	50	600	Roller bearing	295	140 x 110	105 x 75-80	11	82
LH-POEV 250K	BH-POEV 250K	*	250	50	600	Ball bearing	295	140 x 110	105 x 75-80	11	82

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

Options **



	With non-marking grey tyre	With non-marking blue tyre	Electrically conductive version, black tyre	With 'stop-top' brake	With central braking system 'central-stop'	With 'ideal-stop' brake ttl. height +17mm ***	With steel foot guard
Technical description page	38	38	36, 38	80	81	80	84
Product code suffix	-SG	-SB	-EL	-ST	-CS13	-IS	-FS
Available for	Ø 80-200 all sizes, Ø 250 ball bearings	wheel Ø 100-200 mm	ball bearing versions upon request	all sizes	wheel Ø 160-250 mm	wheel Ø 160-250 mm	wheel Ø 160-200 mm upon request

** **Additional options:**
 1. Pressed steel thread guard, zinc-plated (-FA), available for wheel Ø 100-250 mm upon request; 2. Stainless steel bearing or ball bearing seals: Refer to 'Options' page 164
 3. Directional lock (retro fit) 1 x 360°: **RI-04.01** for wheel Ø 80-125 mm with plate 100x85 mm, **RI-05.03** for wheel Ø 160-200 mm (only for swivel castors without brake)
 *** Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: Product code **AP3**

Series: ALEV

Heavy duty wheels with elastic solid rubber tyres 'Blickle EasyRoll', with aluminium wheel centre

200 - 650 kg

RoHS



Tread & tyre hardness	65° shore A
Temperature resistance	-25° C - +80° C temporarily up to +100° C
Rolling resistance	very good
Operating noise	very good
Floor surface preservation	very good

Blickle
EasyRoll

5

ALEV-wheel series:

Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A hardness, very high operational comfort, low-noise operation, low rolling resistance, very good floor preservation, colour black, vulcanised onto the wheel centre.
(Material description page 38)

Wheel centre: Made of die-cast aluminium.

Bearing type:

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

Other features:

Chemical resistance to many aggressive substances, except oils (table page 36-37).

Operating temperature: -25° C to +80° C, temporarily up to +100° C.

At ambient temperatures above +60° C the load capacity is reduced.

Maintenance-free under standard conditions.

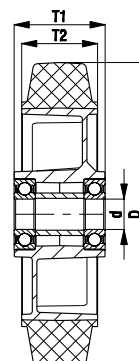
Wheel series overview page 45

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
ALEV 100/15K	100	40	200	Ball bearing	15	40
ALEV 125/15K	125	40	250	Ball bearing	15	45
ALEV 127/20K	125	50	270	Ball bearing	20	60
ALEV 140/20K	140	40	270	Ball bearing	20	60
ALEV 150/20K	150	54	400	Ball bearing	20	60
ALEV 161/15K	160	40	300	Ball bearing	15	60
ALEV 160/20K	160	50	400	Ball bearing	20	60
ALEV 160/25K	160	50	400	Ball bearing	25	60
ALEV 180/20K	180	50	450	Ball bearing	20	60
ALEV 180/25K	180	50	450	Ball bearing	25	60
ALEV 200/20K	200	50	500	Ball bearing	20	60
ALEV 200/25K	200	50	500	Ball bearing	25	60
ALEV 250/20K	250	50	650	Ball bearing	20	60
ALEV 250/25K	250	50	650	Ball bearing	25	60

Options



	With non-marking grey tyre	Electrically conductive version, black tyre
Technical description page	38	36, 38
Product code suffix	-SG	-EL
Available for	all sizes	wheel Ø 100, 125x40, 160x40, 200, 250



Series: L-ALEV, B-ALEV, BH-ALEV

Pressed steel castors, medium duty brackets, with top plate fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'

200 - 500 kg

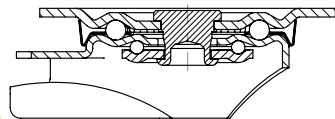
RoHS



Blickle EasyRoll

Brackets: L/B/BH series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 150-250 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: ALEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black.
 Wheel centre: Made of die-cast aluminium.
 Bearing type: Two pressed-in ball bearings.
 Detailed description: Page 171 and 45



5



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre 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-ALEV 100K	B-ALEV 100K	L-ALEV 100K-FI	100	40	200	Ball bearing	125	100 x 85	80 x 60	9	36
L-ALEV 125K	B-ALEV 125K	L-ALEV 125K-FI	125	40	200	Ball bearing	150	100 x 85	80 x 60	9	40
L-ALEV 150K	B-ALEV 150K	L-ALEV 150K-FI	150	54	400	Ball bearing	190	140 x 110	105 x 75-80	11	60
L-ALEV 161K	B-ALEV 161K	L-ALEV 161K-FI	160	40	300	Ball bearing	195	140 x 110	105 x 75-80	11	60
L-ALEV 160K	B-ALEV 160K	L-ALEV 160K-FI	160	50	400	Ball bearing	195	140 x 110	105 x 75-80	11	60
L-ALEV 180K	B-ALEV 180K	L-ALEV 180K-FI	180	50	400	Ball bearing	215	140 x 110	105 x 75-80	11	60
L-ALEV 200K	B-ALEV 200K	L-ALEV 200K-FI	200	50	400	Ball bearing	235	140 x 110	105 x 75-80	11	65
L-ALEV 250K-3	BH-ALEV 250K	*	250	50	500	Ball bearing	295	140 x 110	105 x 75-80	11	77

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

Options



	With non-marking grey tyre	Electrically conductive version, black tyre	With 'stop-top' brake	With central braking system 'central-stop'	Directional lock (retro fit) 1 x 360° **	Directional lock (retro fit) 1 x 360° **	With synthetic (-FP) or steel (-FS) foot guard
Technical description page	38	36, 38	80	81	83	83	84
Product code suffix	-SG	-EL	-ST	-CS11	RI-03.01	RI-05.03	-FP / -FS
Available for	all sizes	Ø 100, 125, 160x40, 200, 250 mm	all sizes	wheel Ø 160+200 mm	wheel Ø 100-125 mm	wheel Ø 150-200 mm	upon request

** Only for swivel castors without brake

Series: LK-ALEV, BK-ALEV, BH-ALEV

Pressed steel castors, medium heavy duty brackets, with top plate fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'

200 - 500 kg

RoHS

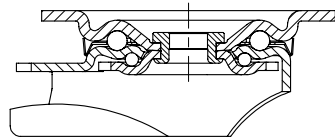


Blickle EasyRoll

Brackets: LK/BK/BH series - Made of heavy pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 125x50 - 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 66 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

Wheels: ALEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black. Wheel centre: Made of die-cast aluminium. Bearing type: Two pressed-in ball bearings. Detailed description: Page 171 and 45

5



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre 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-ALEV 100K-1	BK-ALEV 100K-1	LK-ALEV 100K-1-FI	100	40	200	Ball bearing	130	100 x 85	80 x 60	9	45
LK-ALEV 100K-3	BK-ALEV 100K-3	LK-ALEV 100K-3-FI	100	40	200	Ball bearing	130	140 x 110	105 x 75-80	11	45
LK-ALEV 125K-1	BK-ALEV 125K-1	LK-ALEV 125K-1-FI	125	40	250	Ball bearing	155	100 x 85	80 x 60	9	48
LK-ALEV 125K-3	BK-ALEV 125K-3	LK-ALEV 125K-3-FI	125	40	250	Ball bearing	155	140 x 110	105 x 75-80	11	48
LK-ALEV 127K	BH-ALEV 127K	LK-ALEV 127K-FI	125	50	270	Ball bearing	170	140 x 110	105 x 75-80	11	55
LK-ALEV 150K	BH-ALEV 150K	LK-ALEV 150K-FI	150	54	400	Ball bearing	197	140 x 110	105 x 75-80	11	63
LK-ALEV 160K	BH-ALEV 160K	LK-ALEV 160K-FI	160	50	400	Ball bearing	202	140 x 110	105 x 75-80	11	63
LK-ALEV 180K	BH-ALEV 180K	LK-ALEV 180K-FI	180	50	450	Ball bearing	223	140 x 110	105 x 75-80	11	65
LK-ALEV 200K	BH-ALEV 200K	LK-ALEV 200K-FI	200	50	500	Ball bearing	245	140 x 110	105 x 75-80	11	65

Options



	With non-marking grey tyre	Electrically conductive version, black tyre	With 'stop-top' brake	With central braking system 'central-stop'	With 'ideal-stop' brake ttt. height +17mm *	Directional lock (retro-fit) 1 x 360°	With steel foot guard
Technical description page	38	36, 38	80	81	80	83	84
Product code suffix	-SG	-EL	-ST	-CS11	-IS	refer to **	-FS
Available for	all sizes	wheel Ø 100, 125x40, 200 mm	all sizes	wheel Ø 100 - 125x40 mm	Ø 100, 125, 160, 200 with plate 140x110	for wheel Ø and plate dimensions refer to **	upon request

* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: **Product code AP3**

** **RI-05.01** available for wheel Ø 100 - 125 mm with plate 100x85 mm, **RI-03.03** available for wheel Ø 100 mm - 125x40 mm with plate 140x110 mm, **RI-05.03** available for wheel Ø 125x50 - 200 mm (only for swivel castors without brake)

Series: LKR-ALEV

Pressed steel castors, medium heavy duty brackets, with bolt hole fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'

200 - 250 kg

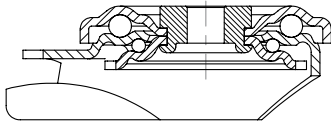
RoHS



Blickle EasyRoll

Brackets: LKR series - Made of heavy pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. 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 66
Wheel and swivel head 'stop-fix' brake: Page 80

Wheels: ALEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black.
Wheel centre: Made of die-cast aluminium.
Bearing type: Two pressed-in ball bearings.
Detailed description: Page 171 and 45



5



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LKR-ALEV 100K	LKR-ALEV 100K-FI	100	40	200	Ball bearing	130	88	13	45
LKR-ALEV 125K	LKR-ALEV 125K-FI	125	40	250	Ball bearing	155	88	13	48

Options



	With non-marking grey tyre	Electrically conductive version, black tyre
Technical description page	38	36, 38
Product code suffix	-SG	-EL
Available for	all sizes	all sizes

Series: LU-ALEV, BH-ALEV

Pressed steel castors, closed medium heavy duty brackets, top plate fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'

270 - 500 kg

RoHS

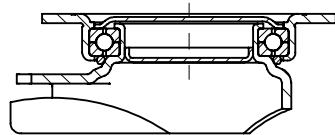


Blickle EasyRoll

Brackets: LU/BH series - Made of heavy pressed steel, swivel bracket with four-point contact ball bearing in the swivel head for optimal absorption of vertical and horizontal forces, closed sealed swivel head. The use of hardened bearing seats in conjunction with the special Blickle dynamic riveting process provides increased protection against shocks and impact loads and results in smooth rolling characteristics, low abrasion and an increased service life. 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: ALEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black. Wheel centre: Made of die-cast aluminium. Bearing type: Two pressed-in ball bearings. Detailed description: Page 171 and 45

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Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre 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]
LU-ALEV 127K	BH-ALEV 127K	LU-ALEV 127K-FI	125	50	270	Ball bearing	170	140 x 110	105 x 75-80	11	55
LU-ALEV 150K	BH-ALEV 150K	LU-ALEV 150K-FI	150	54	400	Ball bearing	197	140 x 110	105 x 75-80	11	61
LU-ALEV 160K	BH-ALEV 160K	LU-ALEV 160K-FI	160	50	400	Ball bearing	202	140 x 110	105 x 75-80	11	61
LU-ALEV 200K	BH-ALEV 200K	LU-ALEV 200K-FI	200	50	500	Ball bearing	245	140 x 110	105 x 75-80	11	63

Options



	With non-marking grey tyre	Electrically conductive version, black tyre	Directional lock (retro fit) 1 x 360° *	With steel foot guard
Technical description page	38	36, 38	83	84
Product code suffix	-SG	-EL	RI-05.03	-FS
Available for	all sizes	wheel Ø 200 mm	all sizes	upon request

* Only for swivel castors without brake

Series: LH-ALEV, BH-ALEV

Pressed steel castors, heavy duty brackets, with top plate fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'

200 - 650 kg

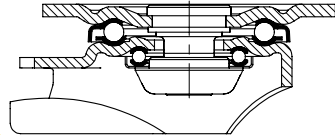
RoHS



Blickle EasyRoll

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: ALEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black.
 Wheel centre: Made of die-cast aluminium.
 Bearing type: Two pressed-in ball bearings.
 Detailed description: Page 171 and 45



5



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre 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-ALEV 100K-1	BH-ALEV 100K-1	LH-ALEV 100K-1-FI	100	40	200	Ball bearing	140	100 x 85	80 x 60	9	45
LH-ALEV 100K-3	BH-ALEV 100K-3	LH-ALEV 100K-3-FI	100	40	200	Ball bearing	140	140 x 110	105 x 75-80	11	45
LH-ALEV 125K-1	BH-ALEV 125K-1	LH-ALEV 125K-1-FI	125	40	250	Ball bearing	165	100 x 85	80 x 60	9	45
LH-ALEV 125K-3	BH-ALEV 125K-3	LH-ALEV 125K-3-FI	125	40	250	Ball bearing	165	140 x 110	105 x 75-80	11	45
LH-ALEV 127K	BH-ALEV 127K	LH-ALEV 127K-FI	125	50	270	Ball bearing	170	140 x 110	105 x 75-80	11	55
LH-ALEV 150K	BH-ALEV 150K	LH-ALEV 150K-FI	150	54	400	Ball bearing	197	140 x 110	105 x 75-80	11	65
LH-ALEV 160K	BH-ALEV 160K	LH-ALEV 160K-FI	160	50	400	Ball bearing	202	140 x 110	105 x 75-80	11	65
LH-ALEV 180K	BH-ALEV 180K	LH-ALEV 180K-FI	180	50	450	Ball bearing	223	140 x 110	105 x 75-80	11	67
LH-ALEV 200K	BH-ALEV 200K	LH-ALEV 200K-FI	200	50	500	Ball bearing	245	140 x 110	105 x 75-80	11	70
LH-ALEV 250K	BH-ALEV 250K	*	250	50	650	Ball bearing	295	140 x 110	105 x 75-80	11	82

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

Options



	With non-marking grey tyre	Electrically conductive version, black tyre	With 'stop-top' brake	With central braking system 'central-stop'	With 'ideal-stop' brake ttl. height +17mm **	Directional lock (retro-fit) 1 x 360°	With steel foot guard
Technical description page	38	36, 38	80	81	80	83	84
Product code suffix	-SG	-EL	-ST	-CS13	-IS	refer to ***	-FS
Available for	all sizes	wheel Ø 100, 125x40, 200, 250 mm	all sizes	wheel Ø 125x50, 160, 200, 250 mm	wheel Ø 125x50, 160, 200, 250 mm	for wheel Ø and plate dimensions refer to***	upon request

** Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: **Product code AP3**

*** **RI-04.01** available for wheel Ø 100 - 125x40 mm with plate 100x85 mm, **RI-04.03** available for wheel Ø 100 - 125x40 mm with plate 140x110 mm, **RI-05.03** available for wheel Ø 125x50 - 200 mm (only for swivel castors without brake)

Series: LHZ-ALEV

Pressed steel castors, heavy duty brackets, with stem fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'

270 - 500 kg

RoHS

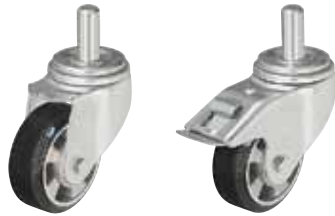
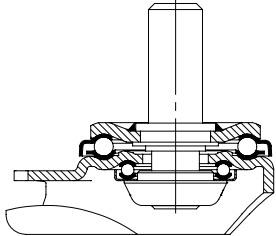


Blickle EasyRoll

Brackets: LHZ series - Made of heavy pressed steel, with heavy fork and top plate, very strong bolted and secured welded steel plug-in stem, 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 67
 Wheel and swivel head 'stop-fix' brake: Page 80

Wheels: ALEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black.
 Wheel centre: Made of die-cast aluminium.
 Bearing type: Two pressed-in ball bearings.
 Detailed description: Page 171 and 45

5



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø [mm]	Stem length [mm]	Offset [mm]
LHZ-ALEV 127K	LHZ-ALEV 127K-FI	125	50	270	Ball bearing	170	27	60	55
LHZ-ALEV 160K	LHZ-ALEV 160K-FI	160	50	400	Ball bearing	202	27	60	65
LHZ-ALEV 200K	LHZ-ALEV 200K-FI	200	50	500	Ball bearing	245	27	60	70

Options



	With non-marking grey tyre	Electrically conductive version, black tyre	With 'stop-top' brake	With steel foot guard
Technical description page	38	36, 38	80	84
Product code suffix	-SG	-EL	-ST	-FS
Available for	all sizes	upon request	all sizes	upon request

Series: LO-ALEV, BO-ALEV

Welded steel heavy duty castors, wheel with elastic solid rubber tyre 'Blickle EasyRoll'

270 - 650 kg

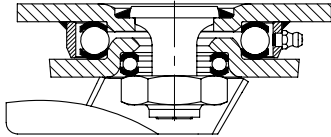
✓RoHS



Blickle EasyRoll

Brackets: LO/BO series - Sturdy 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**, swivel head seal with labyrinth design, fitted grease nipple, bolted and secured with a welded very strong central kingpin.
Bolted wheel axle.
Zinc-plated, blue-passivated, Cr6-free.
Bracket overview: Page 67
Top plate drawings: Page 77
Wheel and swivel head 'stop-top' brake: Page 80

Wheels: ALEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black.
Wheel centre: Made of die-cast aluminium.
Bearing type: Two pressed-in ball bearings.
Detailed description: Page 171 and 45



5



Swivel castors	Fixed castors	Swivel castors with 'stop-top' brake	Wheel Ø [mm]	Tyre 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-ALEV 127K	BO-ALEV 127K	LO-ALEV 127K-ST	125	50	270	Ball bearing	170	140 x 110	105 x 75-80	11	50
LO-ALEV 150K	BO-ALEV 150K	LO-ALEV 150K-ST	150	54	400	Ball bearing	200	140 x 110	105 x 75-80	11	55
LO-ALEV 160K	BO-ALEV 160K	LO-ALEV 160K-ST	160	50	400	Ball bearing	205	140 x 110	105 x 75-80	11	55
LO-ALEV 200K	BO-ALEV 200K	LO-ALEV 200K-ST	200	50	500	Ball bearing	245	140 x 110	105 x 75-80	11	60
LO-ALEV 250K	BO-ALEV 250K	LO-ALEV 250K-ST	250	50	650	Ball bearing	295	140 x 110	105 x 75-80	11	70

Options



	With non-marking grey tyre	Electrically conductive version, black tyre	With directional lock 2 x 180°	With directional lock 4 x 90°	With steel foot guard	Truck lock
Technical description page	38	36, 38	83	83	84	82, 483
Product code suffix	-SG	-EL	-RI2	-RI4	-FS	FF 125/150/160/200
Available for	all sizes	wheel Ø 200-250 mm	wheel Ø 125-200 mm	wheel Ø 125-200 mm	upon request	wheel Ø 125-200 mm

Series: LHD-SE, BOD-SE, LHD-ALEV, BOD-ALEV

Pressed steel twin wheel castors, heavy duty brackets, with top plate fitting, wheels with elastic solid rubber tyres 'Blickle EasyRoll'

400 - 500 kg

RoHS

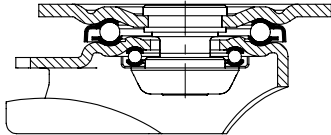


Blickle EasyRoll

Brackets: LHD/BOD series - Swivel bracket made of heavy pressed steel, 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.
 Fixed brackets: Sturdy welded steel construction.
 Bolted wheel axle.
 Zinc-plated, blue-passivated, Cr6-free.
 Bracket overview: Page 67
 Top plate drawings: Page 77

Wheels: ALEV/SE series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black.
 Wheel centre: ALEV series: Made of die-cast aluminium.
 SE series: Made of high-quality, impact-resistant nylon, black.
 Bearing type: Two pressed-in ball bearings.
 Detailed description: Page 171, 180 and 45

5



Swivel castors	Fixed castors	Wheel Ø [mm]	Tyre 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-SE 80K	BOD-SE 80K	80	2 x 45	400	Ball bearing	115	110 x 140 *	75-80 x 105	11	45
LHD-ALEV 100K	BOD-ALEV 100K	100	2 x 40	400	Ball bearing	145	110 x 140 *	75-80 x 105	11	45
LHD-ALEV 125K	BOD-ALEV 125K	125	2 x 40	500	Ball bearing	170	110 x 140 *	75-80 x 105	11	50

* Fixed castors: Long plate side is parallel to the axle

Options



	With non-marking grey tyre	Electrically conductive version, black tyre
Technical description page	38	36, 38
Product code suffix	-SG	-EL
Available for	wheel Ø 100-125 mm	wheel Ø 100-125 mm

Series: SE

Heavy duty wheels with elastic solid rubber tyres 'Blickle EasyRoll', with welded steel or nylon wheel centre

200 - 1150 kg

RoHS



5

Tread & tyre hardness	65° shore A
Temperature resistance	-25° C - +80° C temporarily up to +100° C
Rolling resistance	very good
Operating noise	very good
Floor surface preservation	very good

Blickle
EasyRoll

SE-wheel series:

Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A hardness, very high operational comfort, low-noise operation, low rolling resistance, very good floor preservation, colour black, vulcanised onto the wheel centre or product code ...-Z: Steel-wire reinforced and pressed-on. (Material description page 38)

Wheel centre: Made of pressed thick-walled steel, triple-welded, with tubular steel hub, resistant to dirt, shocks and impacts, elegant and smooth design, lacquered, colour anthracite. Wheel Ø 80-125 mm: Made of high-quality, impact-resistant and reinforced nylon, colour black.

Bearing types:

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

Other features:

Chemical resistance to many aggressive substances, except oils (table page 36-37).

Operating temperature: -25° C to +80° C, temporarily up to +100° C.

At ambient temperatures above +60° C the load capacity is reduced.

Maintenance-free under standard conditions.

Wheel series overview page 45

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load cap. at 4 km/h [kg]	Load cap. at 10 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
SE 80/20K	80	45	200	-	Ball bearing	20	45
SE 100/20K	100	45	270	-	Ball bearing	20	45
SE 125/20K	125	53	320	150	Ball bearing	20	60
SE 160/20K	160	50	450	250	Ball bearing	20	60
SE 200/20K	200	50	600	350	Ball bearing	20	60
SE 200/25K	200	50	600	350	Ball bearing	25	60
SE 202/25K	200	80	850	500	Ball bearing	25	90
SE 250/25K	250	60	850	500	Ball bearing	25	70
SE 252/25K	250	80	1000	600	Ball bearing	25	90
SE 252/30K	250	80	1000	600	Ball bearing	30	90
SE 301/30G	300	50	900 *	-	Plain bore	30	55
SE 300/30K	300	75	1000	650	Ball bearing	30	85
SE 360/30K-Z	360	75	950	760	Ball bearing	30	90
SE 400/35K-Z	400	65	900	720	Ball bearing	35	75
SE 415/35K-Z	415	90	1150	920	Ball bearing	35	100

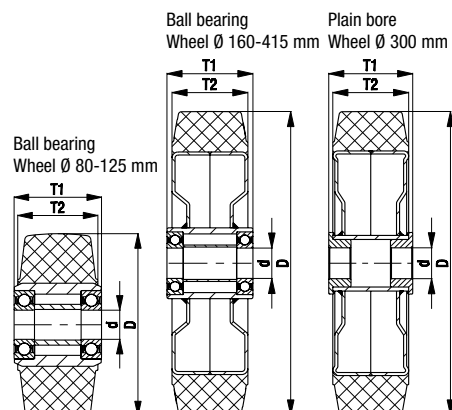
* Static load

For further dimensions refer to GEV-wheel series on page 187

Options



	With non-marking grey tyre	With grease nipple
Technical description page	38	
Product code suffix	-SG	-NI
Available for	Ø 125-200 mm, others upon request	wheel Ø 200-415 mm upon request



Series: LK-SE, BK-SE, BH-SE

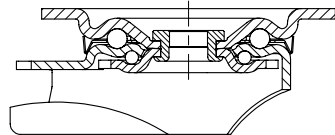
Pressed steel castors, medium heavy duty brackets, with top plate fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'

200 - 600 kg

RoHS



Blickle EasyRoll



Brackets: LK/BK/BH series - Made of heavy pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 125-200 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 66 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

Wheels: SE series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black. Wheel centre: Made of pressed steel, with tubular steel hub, lacquered, anthracite. Wheel Ø 80-125 mm: Made of high-quality, impact-resistant nylon, black. Bearing type: Two pressed-in ball bearings. Detailed description: Page 180 and 45

5

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre 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-SE 80K	BK-SE 80K	LK-SE 80K-FI	80	45	200	Ball bearing	110	100 x 85	80 x 60	9	40
LK-SE 100K-1	BK-SE 100K-1	LK-SE 100K-1-FI	100	45	270	Ball bearing	130	100 x 85	80 x 60	9	45
LK-SE 100K-3	BK-SE 100K-3	LK-SE 100K-3-FI	100	45	270	Ball bearing	130	140 x 110	105 x 75-80	11	45
LK-SE 125K	BH-SE 125K	LK-SE 125K-FI	125	50	320	Ball bearing	170	140 x 110	105 x 75-80	11	55
LK-SE 160K	BH-SE 160K	LK-SE 160K-FI	160	50	450	Ball bearing	202	140 x 110	105 x 75-80	11	63
LK-SE 200K	BH-SE 200K	LK-SE 200K-FI	200	50	600	Ball bearing	245	140 x 110	105 x 75-80	11	65

Options



	With non-marking grey tyre	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
Technical description page	38	80	83	83	83	84
Product code suffix	-SG	-ST	RI-05.01	RI-03.03	RI-05.03	-FS
Available for	Ø 125-200 mm, others upon request	all sizes	wheel Ø 80-100 mm with plate 100x85	wheel Ø 100 mm with plate 140x110	wheel Ø 125-200 mm	upon request

* Only for swivel castors without brake

Series: LU-SE, BH-SE

Pressed steel castors, closed medium heavy duty brackets, top plate fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'

320 - 600 kg

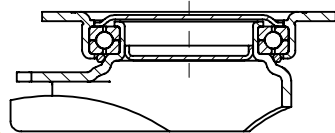
RoHS



Blickle EasyRoll

Brackets: LU/BH series - Made of heavy pressed steel, swivel bracket with four-point contact ball bearing in the swivel head for optimal absorption of vertical and horizontal forces, closed sealed swivel head. The use of hardened bearing seats in conjunction with the special Blickle dynamic riveting process provides increased protection against shocks and impact loads and results in smooth rolling characteristics, low abrasion and an increased service life. 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: SE series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black. Wheel centre: Made of pressed steel, with tubular steel hub, lacquered, anthracite. Wheel Ø 125 mm: Made of high-quality, impact-resistant nylon, black. Bearing type: Two pressed-in ball bearings. Detailed description: Page 180 and 45



5



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre 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]
LU-SE 125K	BH-SE 125K	LU-SE 125K-FI	125	50	320	Ball bearing	170	140 x 110	105 x 75-80	11	55
LU-SE 160K	BH-SE 160K	LU-SE 160K-FI	160	50	450	Ball bearing	202	140 x 110	105 x 75-80	11	61
LU-SE 200K	BH-SE 200K	LU-SE 200K-FI	200	50	600	Ball bearing	245	140 x 110	105 x 75-80	11	63

Options



	With non-marking grey tyre	Directional lock (retro fit) 1 x 360° *	With steel foot guard
Technical description page	38	83	84
Product code suffix	-SG	RI-05.03	-FS
Available for	all sizes	all sizes	upon request

* Only for swivel castors without brake

Series: LH-SE, BH-SE

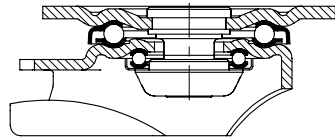
Pressed steel castors, heavy duty brackets, with top plate fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'

200 - 850 kg

RoHS



Blickle EasyRoll



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: SE series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black.
 Wheel centre: Made of pressed steel, with tubular steel hub, lacquered, anthracite. Wheel Ø 80-125 mm: Made of high-quality, impact-resistant nylon, black.
 Bearing type: Two pressed-in ball bearings.
 Detailed description: Page 180 and 45

5



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre 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-SE 80K	BH-SE 80K	LH-SE 80K-FI	80	45	200	Ball bearing	120	100 x 85	80 x 60	9	45
LH-SE 100K-1	BH-SE 100K-1	LH-SE 100K-1-FI	100	45	270	Ball bearing	140	100 x 85	80 x 60	9	45
LH-SE 100K-3	BH-SE 100K-3	LH-SE 100K-3-FI	100	45	270	Ball bearing	140	140 x 110	105 x 75-80	11	45
LH-SE 125K	BH-SE 125K	LH-SE 125K-FI	125	50	320	Ball bearing	170	140 x 110	105 x 75-80	11	55
LH-SE 160K	BH-SE 160K	LH-SE 160K-FI	160	50	450	Ball bearing	202	140 x 110	105 x 75-80	11	65
LH-SE 200K	BH-SE 200K	LH-SE 200K-FI	200	50	600	Ball bearing	245	140 x 110	105 x 75-80	11	70
LH-SE 202K	BO-SE 202K *	**	200	80	850	Ball bearing	245	140 x 110	105 x 75-80	11	70
LH-SE 250K	BH-SE 250K	**	250	60	850	Ball bearing	295	140 x 110	105 x 75-80	11	82

* Welded steel construction, for technical description refer to page 184
 ** For the 'stop-top' brake version refer to 'Options'

Options



	With non-marking grey tyre	With 'stop-top' brake	With central braking system 'central-stop'	With 'ideal-stop' brake ttl. height +17mm ***	Directional lock (retro-fit) 1 x 360°	With steel foot guard	Truck lock
Technical description page	38	80	81	80	83	84	82, 483
Product code suffix	-SG	-ST	-CS13	-IS	refer to ****	-FS	FF 125/160/200
Available for	Ø 125-200 mm, others upon request	all sizes	wheel Ø 125-200x50, 250 mm	wheel Ø 125-200x50, 250 mm	for wheel Ø and plate dim. refer to ****	upon request	wheel Ø 125-200 mm

*** Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: **Product code AP3**
 **** **RI-04.01** available for wheel Ø 80 - 100 mm with plate 100x85 mm, **RI-04.03** available for wheel Ø 100 mm with plate 140x110 mm, **RI-05.03** available for wheel Ø 125 - 200x50 mm (only for swivel castors without brake)

Series: LO-SE, BO-SE

Welded steel heavy duty castors, wheel with elastic solid rubber tyre 'Blickle EasyRoll'

320 - 850 kg

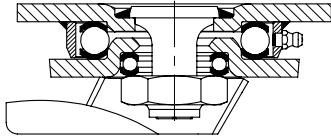
✓RoHS



Blickle EasyRoll

Brackets: LO/BO series - Sturdy 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**, swivel head seal with labyrinth design, fitted grease nipple, bolted and secured with a welded very strong central kingpin. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 67 Top plate drawings: Page 77 Wheel and swivel head 'stop-top' brake: Page 80

Wheels: SE series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black. Wheel centre: Made of pressed steel, with tubular steel hub, lacquered, anthracite. Wheel Ø 125 mm: Made of high-quality, impact-resistant nylon, black. Bearing type: Two pressed-in ball bearings. Detailed description: Page 180 and 45



5



Swivel castors	Fixed castors	Swivel castors with 'stop-top' brake	Wheel Ø [mm]	Tyre 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-SE 125K	BO-SE 125K	LO-SE 125K-ST	125	50	320	Ball bearing	170	140 x 110	105 x 75-80	11	50
LO-SE 160K	BO-SE 160K	LO-SE 160K-ST	160	50	450	Ball bearing	205	140 x 110	105 x 75-80	11	55
LO-SE 200K	BO-SE 200K	LO-SE 200K-ST	200	50	600	Ball bearing	245	140 x 110	105 x 75-80	11	60
LO-SE 202K	BO-SE 202K	LO-SE 202K-ST	200	80	850	Ball bearing	245	140 x 110	105 x 75-80	11	65
LO-SE 250K	BO-SE 250K	LO-SE 250K-ST	250	60	850	Ball bearing	295	140 x 110	105 x 75-80	11	70

Options



	With non-marking grey tyre	With directional lock 2 x 180°	With directional lock 4 x 90°	With steel foot guard	Truck lock
Technical description page	38	83	83	84	82, 483
Product code suffix	-SG	-RI2	-RI4	-FS	FF 125/160/200
Available for	Ø 125-200 mm, others upon request	wheel Ø 125 - 200x50 mm	wheel Ø 125 - 200x50 mm	upon request	wheel Ø 125-200 mm

Series: LS-SE, BS-SE

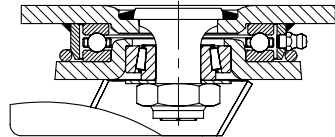
Welded steel heavy duty castors, strong swivel head design, wheel with elastic solid rubber tyre 'Blickle EasyRoll'

320 - 1150 kg

RoHS



Blickle EasyRoll



Brackets: LS/BS series - Particularly 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, bolted and secured with a welded very strong central kingpin. Bolted wheel axle.
Zinc-plated, yellow-passivated, Cr6-free.
Bracket overview: Page 68
Top plate drawings: Page 77 and 78
Wheel and swivel head 'stop-top' brake: Page 80

Wheels: SE series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black.
Wheel centre: Made of pressed steel, with tubular steel hub, lacquered, anthracite. Wheel Ø 125 mm: Made of high-quality, impact-resistant nylon, black.
Bearing type: Two pressed-in ball bearings.
Detailed description: Page 180 and 45

5

Swivel castors	Fixed castors	Swivel castors with 'stop-top' brake	Wheel Ø [mm]	Tyre 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-SE 125K	BS-SE 125K	LS-SE 125K-ST	125	50	320	Ball bearing	170	140 x 110	105 x 75-80	11	50
LS-SE 160K	BS-SE 160K	LS-SE 160K-ST	160	50	450	Ball bearing	205	140 x 110	105 x 75-80	11	55
LS-SE 200K	BS-SE 200K	LS-SE 200K-ST	200	50	600	Ball bearing	245	140 x 110	105 x 75-80	11	60
LS-SE 202K	BS-SE 202K	LS-SE 202K-ST	200	80	850	Ball bearing	255	175 x 140	140 x 105	14	65
LS-SE 250K	BS-SE 250K	LS-SE 250K-ST	250	60	850	Ball bearing	305	175 x 140	140 x 105	14	75
LS-SE 252K	BS-SE 252K	LS-SE 252K-ST	250	80	1000	Ball bearing	305	175 x 140	140 x 105	14	75
LS-SE 300K	BS-SE 300K	LS-SE 300K-ST	300	75	1000	Ball bearing	355	175 x 140	140 x 105	14	85
LS-SE 360K-Z	BS-SE 360K-Z		360	75	950	Ball bearing	420	175 x 140	140 x 105	14	100
LS-SE 415K-Z	BS-SE 415K-Z		415	90	1150	Ball bearing	478	200 x 160	160 x 120	14	100

Options



	With non-marking grey tyre	With 'Radstop' wheel brake	With directional lock 2 x 180°	With directional lock 4 x 90°	With steel foot guard	Truck lock
Technical description page	38	81	83	83	84	82, 483
Product code suffix	-SG	-RA	-RI2	-RI4	-FS	FF 125/160/200
Available for	Ø 125-200 mm, others upon request	wheel Ø 360-415 mm upon request	all sizes	all sizes	upon request	wheel Ø 125 - 200x50 mm

Series: LSD-SE, BSD-SE

Welded steel heavy duty twin wheel castors, strong swivel head design, wheels with elastic solid rubber tyres 'Blickle EasyRoll'

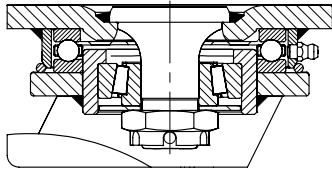
900 - 2000 kg RoHS



Blickle EasyRoll

Brackets: LSD/BSL series - Particularly 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, bolted and secured with a welded very strong central kingpin.
 Bolted wheel axle.
 Zinc-plated, yellow-passivated, Cr6-free.
 Bracket overview: Page 68
 Top plate drawings: Page 78

Wheels: SE series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black.
 Wheel centre: Made of pressed steel, with tubular steel hub, lacquered, anthracite.
 Bearing type: Two pressed-in ball bearings.
 Detailed description: Page 180 and 45



5



Swivel castors	Fixed castors	Wheel Ø [mm]	Tyre 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]
LSD-SE 160K-35	BSD-SE 160K-35	160	2 x 50	900	Ball bearing	220	140 x 175 *	105 x 140	14	55
LSD-SE 200K-35	BSD-SE 200K-35	200	2 x 50	1200	Ball bearing	260	140 x 175 *	105 x 140	14	60
LSD-SE 250K	BSD-SE 250K	250	2 x 60	1700	Ball bearing	330	200 x 255 *	160 x 210	18	70
LSD-SE 300K	BSD-SE 300K	300	2 x 75	2000	Ball bearing	380	200 x 255 *	160 x 210	18	80

* Fixed castors: Long plate side is parallel to the axle

Options



	With non-marking grey tyre	With 'Radstop' wheel brake up to wheel Ø 200 mm	With 'Radstop' wheel brake, wheel Ø 250 mm or larger	With directional lock 2 x 180°	With directional lock 4 x 90°	With directional lock 4 x 90° (hand-operated)	With steel foot guard
Technical description page	38	81	81	83	83	83	84
Product code suffix	-SG	-RA	-RAH	-RI2	-RI4	-RI4H	-FS
Available for	Ø 160-200 mm, others upon request	upon request	upon request	wheel Ø 160-200 mm upon request	wheel Ø 160-200 mm upon request	wheel Ø 250-300 mm upon request	upon request

Series: GEV

Heavy duty wheels with elastic solid rubber tyres, with cast iron wheel centre

725 - 3000 kg

RoHS



Tread & tyre hardness	65° shore A
Temperature resistance	-25° C - +80° C temporarily up to +100° C
Rolling resistance	very good
Operating noise	very good
Floor surface preservation	very good

GEV-wheel series:

Tyres: Made of high-quality elastic solid rubber in smooth rolling quality, 65° shore A hardness, steel-wire reinforced, very high operational comfort, low-noise operation, low rolling resistance, very good floor preservation, colour black. (Material description page 38)

Wheel centre: Made of rugged grey cast iron, with grease nipple, lacquered, colour anthracite.

Bearing type:

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

Other features:

Chemical resistance to many aggressive substances, except oils (table page 36-37).

Operating temperature: -25° C to +80° C, temporarily up to +100° C.

At ambient temperatures above +60° C the load capacity is reduced.

Maintenance-free under standard conditions.

Wheel series overview page 45

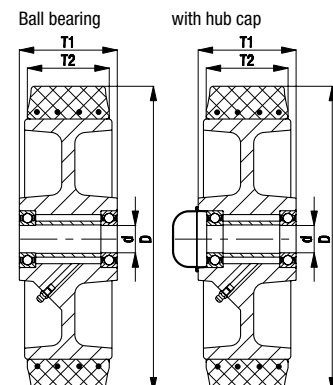
Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load cap. at 4 km/h [kg]	Load cap. at 16 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
GEV 254/30K	250	130	975	585	Ball bearing	30	130
GEV 280/25K	280	75	725	435	Ball bearing	25	90
GEV 302/35K	300	90	900	540	Ball bearing	35	90
GEV 360/30K	360	60	750	450	Ball bearing	30	75
GEV 362/35K	360	75	950	570	Ball bearing	35	90
GEV 400/30K	400	75	1000	600	Ball bearing	30	90
GEV 405/45K	405	130	1500	900	Ball bearing	45	130
GEV 425/45K	425	150	1800	1100	Ball bearing	45	150
GEV 500/35K	500	85	1300	780	Ball bearing	35	90
GEV 520/40K	520	100	1525	920	Ball bearing	40	100
GEV 550/60K	550	160	2250	1350	Ball bearing	60	160
GEV 610/60K	610	150	2250	1350	Ball bearing	60	150
GEV 620/65K	620	200	3000	1800	Ball bearing	65	200

Further dimensions upon request

Options



	With non-marking natural colour tyre	Wheel with hub cap (end wheel)	Drive wheels with hub keyway	Hub fitting wheels
Technical description page	38	85	460	467
Product code suffix	-SN	-E	GEVN series	GEVA series
Available for	upon request	upon request	refer to page 460	refer to page 467

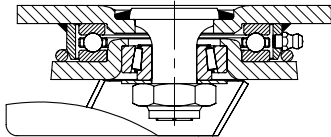


Series: LS-GEV, BS-GEV

Welded steel heavy duty castors, strong swivel head design, wheel with elastic solid rubber tyre

900 - 3000 kg

RoHS



5



Brackets: LS/BS series - Particularly 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, bolted and secured with a welded very strong central kingpin. Bolted wheel axle. Zinc-plated, yellow-passivated, Cr6-free. Bracket overview: Page 68 Top plate drawings: Page 78

Wheels: GEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality, 65° shore A, black. Wheel centre: Made of rugged grey cast iron, with grease nipple, lacquered, anthracite. Bearing type: Two pressed-in ball bearings. Detailed description: Page 187 and 45

Swivel castors	Fixed castors	Wheel Ø [mm]	Tyre 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-GEV 302K	BS-GEV 302K	300	90	900	Ball bearing	355	200 x 160	160 x 120	14	85
LS-GEV 400K	BS-GEV 400K	400	75	1000	Ball bearing	470	200 x 160	160 x 120	14	100
LS-GEV 520K	BS-GEV 520K	520	100	1525	Ball bearing	580	200 x 160	160 x 120	14	125
LS-GEV 620K		620	200	3000	Ball bearing	710	255 x 200	210 x 160	18	130
	BS-GEV 620K	620	200	3000	Ball bearing	710	250 x 270	210 x 160	18	

Options



	With 'stop-top' brake	With 'Radstop' wheel brake	With directional lock 2 x 180°	With directional lock 4 x 90°
Technical description page	80	81	83	83
Product code suffix	-ST	-RA	-RI2	-RI4
Available for	wheel Ø 300 mm	upon request	wheel Ø 300-520 mm	wheel Ø 300-520 mm

Series: DS

Heavy duty twin wheels with elastic solid rubber tyres, with welded steel wheel centre, heavy design

1500 - 6000 kg RoHS



Tread & tyre hardness		65° shore A
Temperature resistance		-25° C - +80° C temporarily up to +100° C
Rolling resistance		very good
Operating noise		very good
Floor surface preservation		very good

DS-twin wheel series:

Tyres: Made of high-quality elastic solid rubber in smooth rolling quality, 65° shore A hardness, steel-wire reinforced, very high operational comfort, low-noise operation, low rolling resistance, very good floor preservation, colour black. (Material description page 38)

Wheel centre: Very strong welded steel construction with double-welded tubular steel hub, with grease nipple, lacquered, colour anthracite.

Bearing type:

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

Other features:

Chemical resistance to many aggressive substances, except oils (table page 36-37).

Operating temperature: -25° C to +80° C, temporarily up to +100° C.

At ambient temperatures above +60° C the load capacity is reduced.

Maintenance-free under standard conditions.

Wheel series overview page 45

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load cap. at 4 km/h [kg]	Load cap. at 16 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
DS 300/50K	300	150 (2 x 75)	1500	900	Ball bearing	50	150
DS 302/55K	300	180 (2 x 90)	1800	1080	Ball bearing	55	180
DS 361/50K	360	150 (2 x 75)	1900	1100	Ball bearing	50	150
DS 400/55K	400	150 (2 x 75)	2000	1200	Ball bearing	55	150
DS 405/75K	405	260 (2 x 130)	3000	1800	Ball bearing	75	250
DS 415/60K	415	180 (2 x 90)	2300	1380	Ball bearing	60	180
DS 425/80K	425	300 (2 x 150)	3600	2160	Ball bearing	80	250
DS 500/60K	500	170 (2 x 85)	2600	1560	Ball bearing	60	170
DS 620/100K	620	400 (2 x 200)	6000	3600	Ball bearing	100	300

Further dimensions upon request

Options



	Wheel with hub cap (end wheel)	Drive wheel with hub keyway
Technical description page	85	
Product code suffix	-E	DSN series
Available for	upon request	upon request

