

Series: VE

## Wheels with standard solid rubber tyres, with pressed steel rim

50 - 205 kg

RoHS



3

<b>Tread &amp; tyre hardness</b>	80° shore A
<b>Temperature resistance</b>	-25° C - +80° C
<b>Rolling resistance</b>	reasonable
<b>Operating noise</b>	very good
<b>Floor surface preservation</b>	very good

### VE-wheel series:

**Tyres:** Made of standard solid rubber, 80° shore A hardness, very high operational comfort, low-noise operation, very good floor preservation, colour black, PAH conform in acc. to EU-directive 2005/69/EC.

(Material description page 38)

**Rims:** Made of pressed steel, zinc-plated, blue-passivated, Cr6-free.

### Bearing type:

- Roller bearing, 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.

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

Maintenance-free under standard conditions.

**Wheel series overview page 43**

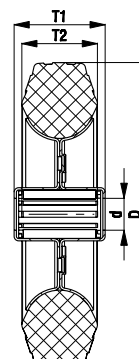
Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
<b>VE 80/12R</b>	80	25	50	Roller bearing	12	35
<b>VE 100/12R</b>	100	30	70	Roller bearing	12	45
<b>VE 125/12R</b>	125	37.5	100	Roller bearing	12	45
<b>VE 150/20R</b>	150	40	135	Roller bearing	20	60
<b>VE 160/20R</b>	160	40	135	Roller bearing	20	60
<b>VE 180/20R</b>	180	50	170	Roller bearing	20	60
<b>VE 200/20R</b>	200	50	205	Roller bearing	20	60

For further wheel Ø refer to the V-wheel series on page 136 and 137

### Options



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



Series: LE-VE, B-VE

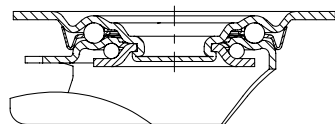
**Pressed steel castors with top plate fitting, wheel with standard solid rubber tyre**

50 - 205 kg

RoHS



**3**



**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:** VE series - Tyres: Made of standard solid rubber, 80° shore A, black.  
Rims: Made of pressed steel, zinc-plated, blue-passivated, Cr6-free.  
Bearing type: Roller bearing.  
Detailed description: Page 132 and 43



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-VE 80R	B-VE 80R	LE-VE 80R-FI	80	25	50	Roller bearing	102	100 x 85	80 x 60	9	38
LE-VE 100R	B-VE 100R	LE-VE 100R-FI	100	30	70	Roller bearing	125	100 x 85	80 x 60	9	36
LE-VE 125R	B-VE 125R	LE-VE 125R-FI	125	37.5	100	Roller bearing	150	100 x 85	80 x 60	9	40
LE-VE 150R	B-VE 150R	LE-VE 150R-FI	150	40	135	Roller bearing	190	140 x 110	105 x 75-80	11	54
LE-VE 160R	B-VE 160R	LE-VE 160R-FI	160	40	135	Roller bearing	195	140 x 110	105 x 75-80	11	54
LE-VE 180R	B-VE 180R	LE-VE 180R-FI	180	50	170	Roller bearing	215	140 x 110	105 x 75-80	11	54
LE-VE 200R	B-VE 200R	LE-VE 200R-FI	200	50	205	Roller bearing	235	140 x 110	105 x 75-80	11	54

**Options**



	With non-marking grey tyre	Electrically conductive version, black tyre	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	With central braking system 'central-stop'	Directional lock (retro fit) 1 x 360° *	With synthetic (-FP) or steel (-FS) foot guard
Technical description page	38	36, 38	84	80	81	83	84
Product code suffix	-SG	-EL	-FA	-ST	-CS11	RI-03.01 / RI-03.03	-FP / -FS
Available for	all sizes	all sizes	all sizes	wheel Ø 150-200 mm	wheel Ø 160+200 mm	RI-03.01: Ø 100-125 RI-03.03: Ø 150-200	upon request

\* Only for swivel castors without brake

Series: VPP, wheel Ø 80-180 mm

## Wheels with standard solid rubber tyres, with synthetic rim

50 - 170 kg

RoHS



3

<b>Tread &amp; tyre hardness</b>	80° shore A
<b>Temperature resistance</b>	-20° C - +60° C
<b>Rolling resistance</b>	reasonable
<b>Operating noise</b>	very good
<b>Floor surface preservation</b>	very good

### VPP-wheel series:

**Tyres:** Made of standard solid rubber, 80° shore A hardness, very high operational comfort, low-noise operation, very good floor preservation, colour black, PAH conform in acc. to EU-directive 2005/69/EC.

Wheel dimension 80 x 32 mm: 90° shore A hardness.

(Material description page 38)

**Rims:** Made of high-quality, impact-resistant polypropylene, colour black.

Wheel dimension 80 x 32 mm: Made of high-quality, impact-resistant nylon, colour dark grey.

### Bearing types:

- Plain bore, corrosion-resistant
- Roller bearing, lubricated with long-life grease

### Other features:

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

Operating temperature: -20° C to +60° C.

At ambient temperatures above +30° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 43**

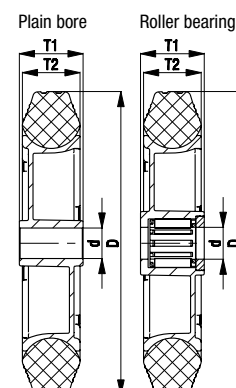
Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VPP 80/12G	80	25	50	Plain bore	12	35
VPP 80/12R	80	25	50	Roller bearing	12	35
VPP 82/12G	80	32	100	Plain bore	12	35
VPP 100/12G	100	30	70	Plain bore	12	45
VPP 100/15G	100	30	70	Plain bore	15	45
VPP 100/12R	100	30	70	Roller bearing	12	45
VPP 100/15R	100	30	70	Roller bearing	15	45
VPP 125/12G	125	37.5	100	Plain bore	12	45
VPP 125/15G	125	37.5	100	Plain bore	15	45
VPP 125/12R	125	37.5	100	Roller bearing	12	45
VPP 125/15R	125	37.5	100	Roller bearing	15	45
VPP 140/15G	140	37.5	115	Plain bore	15	45
VPP 140/15R	140	37.5	115	Roller bearing	15	45
VPP 150/20G	150	40	135	Plain bore	20	60
VPP 150/20R	150	40	135	Roller bearing	20	60
VPP 160/20-45G	160	40	135	Plain bore	20	45
VPP 160/20G	160	40	135	Plain bore	20	60
VPP 160/20-45R	160	40	135	Roller bearing	20	45
VPP 160/20R	160	40	135	Roller bearing	20	60
VPP 180/20G	180	50	170	Plain bore	20	60
VPP 180/20R	180	50	170	Roller bearing	20	60

For further wheel Ø refer to the next page

### Options



Image	With non-marking grey tyre	With stainless steel roller bearing in the wheel hub	STARLOCK® stainless steel cap
VPP 82/12G			
Technical description page	38	60	85
Product code suffix	-SG	-XR	ST-KA 12, 15, 20
Available for	all sizes	upon request	all axle bore Ø



Series: VPP, wheel Ø 200-400 mm, VPE, wheel Ø 260 mm

## Wheels with standard solid rubber tyres, with synthetic rim

150 - 350 kg

RoHS



3

<b>Tread &amp; tyre hardness</b>	80° shore A
<b>Temperature resistance</b>	-20° C - +60° C
<b>Rolling resistance</b>	reasonable
<b>Operating noise</b>	very good
<b>Floor surface preservation</b>	very good

### VPP, VPE-wheel series:

**Tyres:** Made of standard solid rubber, 80° shore A hardness, very high operational comfort, low-noise operation, very good floor preservation, colour black, PAH conform in acc. to EU-directive 2005/69/EC.

Wheel dimension 260 x 85 mm: 55° shore A hardness.

(Material description page 38)

**Rims:** Made of high-quality, impact-resistant polypropylene, 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.

#### Other features:

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

Operating temperature: -20° C to +60° C.

At ambient temperatures above +30° C the load capacity is reduced.

Maintenance-free under standard conditions.

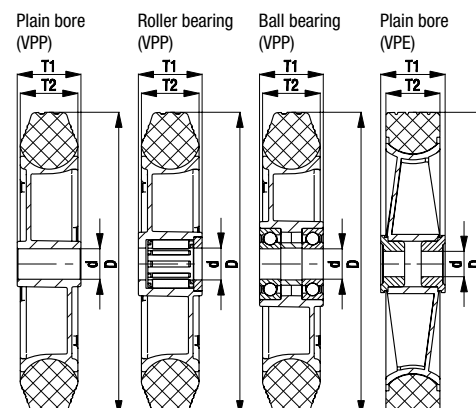
**Wheel series overview page 43**

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VPP 200/20G	200	50	205	Plain bore	20	60
VPP 200/25G	200	50	205	Plain bore	25	60
VPP 200/20R	200	50	205	Roller bearing	20	60
VPP 200/20K	200	50	205	Ball bearing	20	60
VPP 205/20G	200	65	205	Plain bore	20	60
VPP 250/20G	250	60	295	Plain bore	20	65
VPP 250/20-74G	250	60	295	Plain bore	20	74
VPP 250/25G	250	60	295	Plain bore	25	65
VPP 250/25-74G	250	60	295	Plain bore	25	74
VPP 250/25R	250	60	295	Roller bearing	25	65
VPP 250/20K	250	60	295	Ball bearing	20	65
VPP 250/25K	250	60	295	Ball bearing	25	65
VPP 254/25G	250	75	300	Plain bore	25	65
VPP 256/20G	250	85	250	Plain bore	20	75
VPP 256/20R	250	85	250	Roller bearing	20	75
VPE 260/20G	260	85	150	Plain bore	20	88
VPP 300/25G	300	60	250	Plain bore	25	60
VPP 355/25R	345	75	300	Roller bearing	25	75
VPP 400/25G	400	100	350	Plain bore	25	75
VPP 400/25R	400	100	350	Roller bearing	25	75

### Options



	With non-marking grey tyre	Red centre	With stainless steel roller bearing in the wheel hub	STARLOCK® stainless steel cap
Technical description page	38		60	85
<b>Product code suffix</b>	<b>-SG</b>	<b>-ROT</b>	<b>-XR</b>	<b>ST-KA 20, 25</b>
Available for	wheel Ø 200x50 + 250x60 mm	wheel Ø 260 mm	upon request	all axle bore Ø

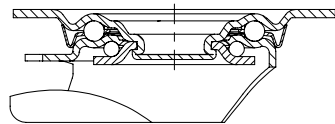


Series: LE-VPP, B-VPP

## Pressed steel castors with top plate fitting, wheel with standard solid rubber tyre

50 - 205 kg

RoHS



**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:** VPP series - Tyres: Made of standard solid rubber, 80° shore A, black. Wheel dimension 80 x 32 mm: 90° shore A. Rims: Made of high-quality, impact-resistant polypropylene, black. Wheel dimension 80 x 32 mm: Made of high-quality, impact-resistant nylon, dark grey. Bearing types: Plain bore or roller bearing. Detailed description: Page 139, 140 and 43

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-VPP 80G	B-VPP 80G	LE-VPP 80G-FI	80	25	50	Plain bore	102	100 x 85	80 x 60	9	38
LE-VPP 80R	B-VPP 80R	LE-VPP 80R-FI	80	25	50	Roller bearing	102	100 x 85	80 x 60	9	38
LE-VPP 82G	B-VPP 82G	LE-VPP 82G-FI	80	32	100	Plain bore	102	100 x 85	80 x 60	9	38
LE-VPP 100G	B-VPP 100G	LE-VPP 100G-FI	100	30	70	Plain bore	125	100 x 85	80 x 60	9	36
LE-VPP 100R	B-VPP 100R	LE-VPP 100R-FI	100	30	70	Roller bearing	125	100 x 85	80 x 60	9	36
LE-VPP 125G	B-VPP 125G	LE-VPP 125G-FI	125	37.5	100	Plain bore	150	100 x 85	80 x 60	9	40
LE-VPP 125R	B-VPP 125R	LE-VPP 125R-FI	125	37.5	100	Roller bearing	150	100 x 85	80 x 60	9	40
LE-VPP 150G	B-VPP 150G	LE-VPP 150G-FI	150	40	135	Plain bore	190	140 x 110	105 x 75-80	11	54
LE-VPP 150R	B-VPP 150R	LE-VPP 150R-FI	150	40	135	Roller bearing	190	140 x 110	105 x 75-80	11	54
LE-VPP 160G	B-VPP 160G	LE-VPP 160G-FI	160	40	135	Plain bore	195	140 x 110	105 x 75-80	11	54
LE-VPP 160R	B-VPP 160R	LE-VPP 160R-FI	160	40	135	Roller bearing	195	140 x 110	105 x 75-80	11	54
LE-VPP 180G	B-VPP 180G	LE-VPP 180G-FI	180	50	170	Plain bore	215	140 x 110	105 x 75-80	11	54
LE-VPP 180R	B-VPP 180R	LE-VPP 180R-FI	180	50	170	Roller bearing	215	140 x 110	105 x 75-80	11	54
LE-VPP 200G	B-VPP 200G	LE-VPP 200G-FI	200	50	205	Plain bore	235	140 x 110	105 x 75-80	11	54
LE-VPP 200R	B-VPP 200R	LE-VPP 200R-FI	200	50	205	Roller bearing	235	140 x 110	105 x 75-80	11	54

For stainless steel versions refer to page 355

### Options



	With non-marking grey tyre	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	Directional lock (retro fit) 1 x 360° *	Directional lock (retro fit) 1 x 360° *	With synthetic foot guard
Technical description page	38	84	80	83	83	84
Product code suffix	-SG	-FA	-ST	RI-03.01	RI-03.03	-FP
Available for	all sizes	all sizes	wheel Ø 150-200 mm	wheel Ø 100-125 mm	wheel Ø 150-200 mm	wheel Ø 125 mm upon request

\* Only for swivel castors without brake



Series: POEV

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

140 - 650 kg

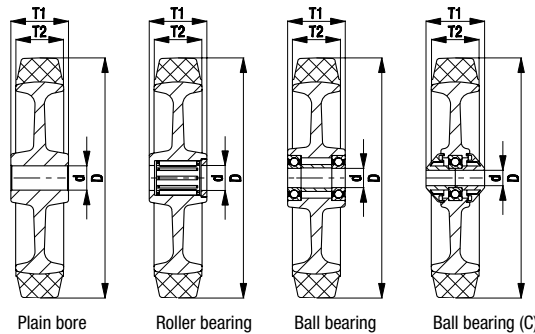
✓RoHS



**Blickle**  
EasyRoll

5

<b>Tread &amp; tyre hardness</b>	65° shore A
<b>Temperature resistance</b>	-25° C - +80° C temporarily up to +100° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	very good
<b>Floor surface preservation</b>	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: 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

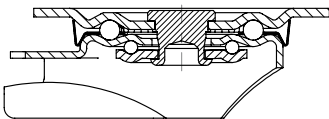


**Blickle EasyRoll**

**Brackets:** L/B/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

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-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: ALEV

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

200 - 650 kg

RoHS



<b>Tread &amp; tyre hardness</b>	65° shore A
<b>Temperature resistance</b>	-25° C - +80° C temporarily up to +100° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	very good
<b>Floor surface preservation</b>	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.

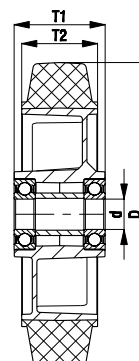
**Wheel series overview page 45**

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

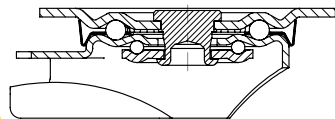
RoHS



**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

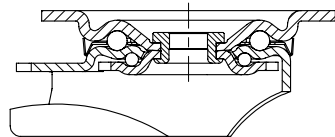


**Blickle EasyRoll**

**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: SE

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

200 - 1150 kg

RoHS



5

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



### 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

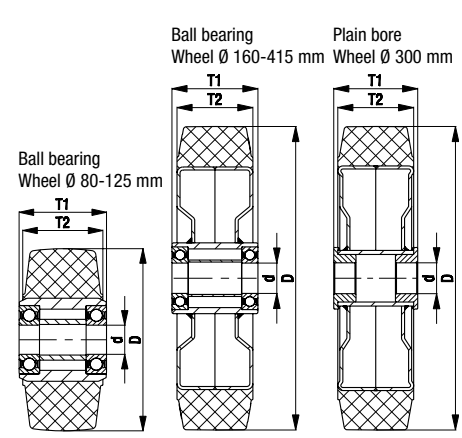
\* Static load

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

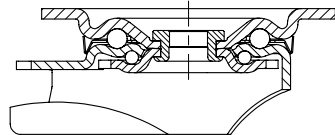
**Pressed steel castors, medium heavy duty brackets, with top plate fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'**

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: LS-SE, BS-SE

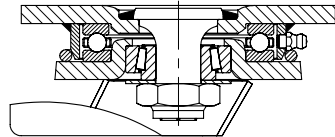
**Welded steel heavy duty castors, strong swivel head design, wheel with elastic solid rubber tyre 'Blickle EasyRoll'**

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'**

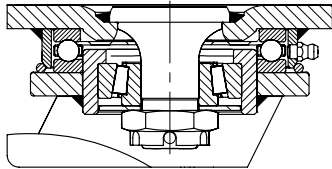
900 - 2000 kg RoHS



**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