

Contents: Section 9

Wheel series

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


Wheel series		Swivel bracket series (combined with the respective wheel series)								
		L	LS							
	VLE									
	Series	VLE	L-VLE	LS-VLE						
	Wheel Ø [mm]	250 - 525 mm	250 mm	250 - 455 mm						
	Load capacity [kg]	195 - 1885 kg	260 kg	260 - 1415 kg						
	Page	192	193	194						
	VLEA									
	Series	VLEA								
	Wheel Ø [mm]	405 - 525 mm								
	Load capacity [kg]	730 - 1885 kg								
	Page	195								



**Heavy duty wheels and castors
with super-elastic solid rubber tyres**

Series: VLE

Heavy duty wheels with super-elastic solid rubber tyres, pressed steel rim

 195 - 1885 kg



Tyres: This 3-component tyre consists of:
Rubber core: Steel wire cores embedded in a tough and hard rubber compound to ensure a tight tyre seat on the rim.
Cushion layer: Ensures shock and vibration absorption, which protects the transport equipment and goods, has low rolling resistance and minimum energy consumption.
Tread: The thick, abrasion-resistant tread ensures a long service life.

Rims: Heavy flat-base design, pressed steel, bolted, welded tubular steel hub, ball bearing, fitted grease nipple, zinc-plated.

With a reduced load capacity, max. speeds of up to 25 km/h are permissible, refer to the table.

Detailed description: Page 42.

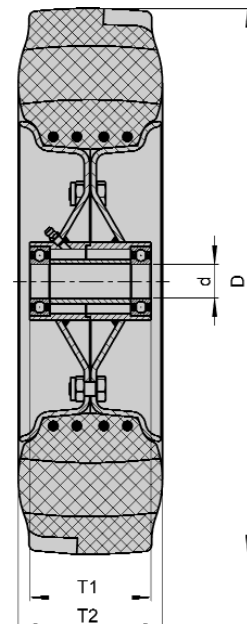
Ribbed profile		Zig-zag profile								
Ref. No.	Ref. No.	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Tyre dimension	Rim dimension	Load cap. with 6 km/h [kg]	Load cap. with 25 km/h [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VLE 250/20-75K	VLE 255/20-75K	250	85	3.00-4	2.10-4	260	195	Ball bearing	20	75
VLE 250/25-75K	VLE 255/25-75K	250	85	3.00-4	2.10-4	260	195	Ball bearing	25	75
	VLE 257/25-75K	250	85	3.00-4	2.50C-4	300	195	Ball bearing	25	75
VLE 305/20-75K	VLE 310/20-75K	306	105	4.00-4	2.50C-4	535	400	Ball bearing	20	75
VLE 305/25-75K	VLE 310/25-75K	306	105	4.00-4	2.50C-4	535	400	Ball bearing	25	75
VLE 405/25-90K	VLE 410/25-90K	405	105	4.00-8	3.00D-8	950	730	Ball bearing	25	90
VLE 405/30-90K	VLE 410/30-90K	405	105	4.00-8	3.00D-8	950	730	Ball bearing	30	90
	VLE 460/30-90K	455	120	5.00-8	3.00D-8	1415	1090	Ball bearing	30	90
	VLE 530/45-120K	525	140	6.00-9	4.00E-9	1885	1450	Ball bearing	45	120

* Refer to the detailed description on page 42.

Variants / Accessories



	With non-marking tyre	Antistatic version, black tyre	Wheel with hub cap (end wheel)
Technical description page	42	42	79
Ref. No. extension	-SN	-AS	-E
Available for wheel Ø [mm]	Upon request	Upon request	Upon request



Series: L-VLE, B-VLE

Pressed steel swivel and fixed castors, medium duty brackets

 260 kg



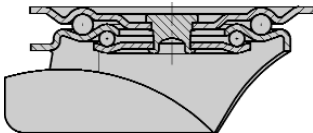
Brackets: L/B Series - Pressed steel, swivel bracket with double ball bearing in the reinforced swivel head, dynamically pressed in accordance with special Blickle procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin, bolted wheel axle, zinc-plated.
Top plate drawings: Page 71.
Detailed description: Page 62 and 77.

Wheels: VLE Series - Tyres: Super-elastic solid rubber, hard rubber core, the elastic cushion layer and the abrasion-resistant tread facilitate high operational comfort and a long service life.
Rims: Heavy flat-base design, pressed steel, bolted, welded tubular steel hub, ball bearing, grease nipple, zinc-plated.
Detailed description: Page 192 and 42.

Swivel castors	Fixed castors	Swivel castors with "stop-top" brake	Wheel Ø [mm]	Tyre width* [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivl castor [mm]
Ref. No.	Ref. No.	Ref. No.									
L-VLE 250K	B-VLE 250K	L-VLE 250K-ST	250	85	260	Ball bearing	295	175 x 175	140 x 140	15	70
L-VLE 255K**	B-VLE 255K**	L-VLE 255K-ST**	250	85	260	Ball bearing	295	220 x 120	190 x 75	15	70
			250	85	260	Ball bearing	295	175 x 175	140 x 140	15	70
			250	85	260	Ball bearing	295	220 x 120	190 x 75	15	70

* Refer to the detailed description on page 42.

** Zig-zag profile



Variants / Accessories



	With non-marking tyre	Antistatic version, black tyre
Technical description page	42	42
Ref. No. extension	-SN	-AS
Available for wheel Ø [mm]	Upon request	Upon request

Series: LS-VLE, BS-VLE

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

260 - 1415 kg



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

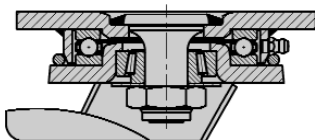
Wheels: VLE Series - Tyres: Super-elastic solid rubber, hard rubber core, the elastic cushion layer and the abrasion-resistant tread facilitate high operational comfort and a long service life.
Rims: Heavy flat-base design, pressed steel, bolted, welded tubular steel hub, ball bearing, fitted grease nipple, zinc-plated.
Detailed description: Page 192 and 42.

Swivel castors	Fixed castors	Swivel castors with "stop-top" brake	Wheel Ø [mm]	Tyre width* [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
Ref. No.	Ref. No.	Ref. No.									
LS-VLE 250K**	BS-VLE 250K**	LS-VLE 250K-ST**	250	85	260	Ball bearing	305	175 x 140	140 x 105	14	75
LS-VLE 255K	BS-VLE 255K	LS-VLE 255K-ST	250	85	260	Ball bearing	305	175 x 140	140 x 105	14	75
LS-VLE 257K	BS-VLE 257K	LS-VLE 257K-ST	250	85	300	Ball bearing	305	175 x 140	140 x 105	14	75
LS-VLE 305K**	BS-VLE 305K**	***	306	105	535	Ball bearing	358	200 x 160	160 x 120	14	85
LS-VLE 310K	BS-VLE 310K	***	306	105	535	Ball bearing	358	200 x 160	160 x 120	14	85
LS-VLE 405K**	BS-VLE 405K**	***	405	105	950	Ball bearing	473	200 x 160	160 x 120	14	100
LS-VLE 410K	BS-VLE 410K	***	405	105	950	Ball bearing	473	200 x 160	160 x 120	14	100
LS-VLE 460K	BS-VLE 460K	***	455	120	1415	Ball bearing	518	200 x 160	160 x 120	14	110

* Refer to the detailed description on page 42.

** Ribbed profile.

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



Variants / Accessories



	With non-marking tyre	Antistatic version, black tyre	With "Radstop" wheel brake	With directional lock 2 x 180°
Technical description page	42	42	78	78
Ref. No. extension	-SN	-AS	-RA	-RI2
Available for wheel Ø [mm]	Upon request	Upon request	Upon request	Upon request

Series: VLEA

**Heavy duty hub fitting wheels
with super-elastic solid rubber tyres,
pressed steel rim**

730 - 1885 kg



Tyres: This 3-component tyre consists of:

Rubber core: Steel cores embedded in a tough and hard rubber compound to ensure a tight tyre seat on the rim.

Cushion layer: Ensures shock and vibration absorption, which protects the transport equipment and goods, has low rolling resistance and minimum energy consumption.

Tread: The thick, abrasion-resistant tread ensures a long service life.

Rims: Heavy flat-base design, pressed steel, bolted, with impressed or counter-sunk fitting holes for counter-sunk nuts or screws, zinc-plated.

With a reduced load capacity, max. speeds of up to 25 km/h are permissible, refer to the table.

Detailed description: Page 42.

Wheels

Ref. No.	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Tyre dimension	Rim dimension	Load cap. with 6 km/h [kg]	Load cap. with 25 km/h [kg]	Rim fitting dimensions:			
							No. of holes	Fitting hole Ø (d2) [mm]	Central hole Ø (d) [mm]	Hole circle Ø (d1) [mm]
VLEA 410/5	405	105	4.00-8	3.00D-8	950	730	5	16,5	82	130
VLEA 460/5	455	120	5.00-8	3.00D-8	1415	1090	5	16,5	82	130
VLEA 530/5	525	140	6.00-9	4.00E-9	1885	1450	5	16,5	110	145

* Refer to the detailed description on page 42.

Variants / Accessories



	With non-marking tyre	Antistatic version, black tyre	Further fitting dimensions
Technical description page	42	42	
Ref. No. extension	-SN	-AS	
Available for wheel Ø [mm]	Upon request	Upon request	Upon request

