

LS-VLE, BS-VLE series

Welded steel heavy-duty castors, heavy-duty swivel head, heavy-duty wheel with super-elastic solid rubber tyres



450–1,885 kg

Bracket: LS/BS series

- particularly robust welded steel construction, zinc-plated, yellow-passivated, Cr6-free

Swivel bracket:

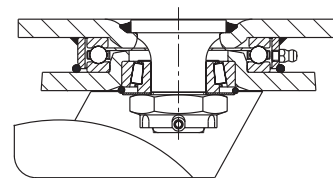
- axial grooved ball bearing ISO 104 and tapered roller bearing ISO 355 in the swivel head
- bolted and secured welded central kingpin, extremely strong
- dust and splash-proof
- grease nipple

Wheel: VLE series

- tyre: super-elastic solid rubber, hardness 70 Shore A, colour black. wheel Ø 250–306 mm: 2-component tyre, highly-elastic, abrasion-resistant tread. wheel Ø 405–525 mm: 3-component tyre, highly-elastic cushion layer, abrasion-resistant tread
- rim: heavy pressed steel, zinc-plated, blue-passivated, Cr6-free

Additional details:

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- brakes: page 112–113
- wheel series: page 249
- bearing types: page 84–85



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Swivel castors	Fixed castors	Swivel castor with "stop-top" brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity at 6 km/h [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]	Profile type
LS-VLE 250K	BS-VLE 250K	LS-VLE 250K-ST	250	85	450	ball bearing	305	175 x 140	140 x 105	14	75	R50
LS-VLE 252K *	BS-VLE 252K *	LS-VLE 252K-ST *	250	85	600	ball bearing	305	175 x 140	140 x 105	14	75	R50
LS-VLE 255K	BS-VLE 255K	LS-VLE 255K-ST	250	85	450	ball bearing	305	175 x 140	140 x 105	14	75	B51
LS-VLE 257K *	BS-VLE 257K *	LS-VLE 257K-ST *	250	85	600	ball bearing	305	175 x 140	140 x 105	14	75	B51
LS-VLE 305K	BS-VLE 305K	**	306	105	450	ball bearing	358	200 x 160	160 x 120	14	85	R50
LS-VLE 307K *	BS-VLE 307K *	**	306	105	700	ball bearing	358	200 x 160	160 x 120	14	85	R50
LS-VLE 310K	BS-VLE 310K	**	306	105	450	ball bearing	358	200 x 160	160 x 120	14	85	B50
LS-VLE 312K *	BS-VLE 312K *	**	306	105	700	ball bearing	358	200 x 160	160 x 120	14	85	B50
LS-VLE 405K	BS-VLE 405K	**	405	105	950	ball bearing	473	200 x 160	160 x 120	14	100	R50
LS-VLE 410K	BS-VLE 410K	**	405	105	950	ball bearing	473	200 x 160	160 x 120	14	100	B50
LS-VLE 460K	BS-VLE 460K	**	455	120	1,415	ball bearing	518	200 x 160	160 x 120	14	110	B50
LS-VLE 530K	BS-VLE 530K	**	525	140	1,885	ball bearing	618	255 x 200	210 x 160	18	120	B50
			525	140	1,885	ball bearing	618	255 x 220	210 x 160	18	–	B50

* Reinforced rim design

** "Radstop" brake version

Profile types: R = ribbed profile, B = zig-zag profile, see page 252 for image

Versions / options



	with non-marking grey tyre	antistatic version, black tyres	with "Radstop" wheel brake	with directional lock 4 x 90°
Technical description page	52	50	113	115
Product code suffix	-SG	-AS	-RA	-RI4
Available for	upon request	upon request	upon request	wheel Ø 250–455 mm