VLEA series

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

950–1,885 kg

Tread and tyre hardness
70 Shore A

Smooth operation / floor preservation
very good

Rolling resistance
good

Wear resistance
good

Tyre:
- super-elastic solid rubber, steel-wire reinforced, hardness 70 Shore A
- 3-component tyre, highly-elastic cushion layer, abrasion-resistant tread
- very good operational comfort
- very good floor preservation, low-noise operation
- colour black

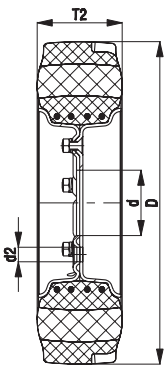
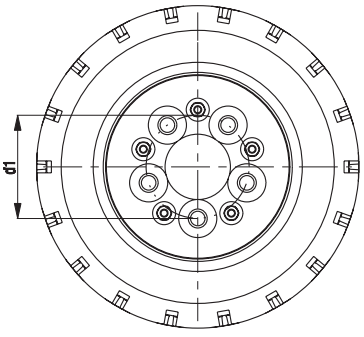
Rim:
- heavy pressed steel
- centre piece with a central hole and fitting holes
- fitting holes with domed anchor recesses
- zinc-plated, blue-passivated, Cr6-free

Other features:
- fitted using domed anchor nuts and bolts in accordance with DIN 74361
- chemical resistance to many aggressive substances, except oils
- operating temperature: -30 °C to +80 °C, temporarily up to +100 °C, reduced load capacity over +60 °C

Additional details:
- wheel series: page 77
- tread: page 54
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Tyre size	Rim dimensions	Load capacity at 6 km/h [kg]	Load capacity at 25 km/h [kg]	Number of fitting holes	Fitting hole Ø (d2) [mm]	Central hole Ø (d) [mm]	PCD (d1) [mm]
VLEA 410/5	405	105	4.00-8	3.00D-8	950	730	5	18.5	82	130
VLEA 460/5	455	120	5.00-8	3.00D-8	1,415	1,090	5	18.5	82	130
VLEA 530/5	525	140	6.00-9	4.00E-9	1,885	1,450	5	16.5	110	145

The wheel and tyre dimensions provided here apply to new tyres that are not bearing a load. The dimensions may change when they are in use.
Additional fitting dimensions available upon request

Versions / options

	with non-marking grey tyre	antistatic version, black tyres	drive wheel with hub keyway
Technical description page	52	50	
Product code suffix	**-SG**	**-AS**	**VLEN series**
Available for	upon request	upon request	upon request