

SPKVS series

Solid steel flanged wheels



500–9,000 kg

Tread and tyre hardness
 190–230 HB

Smooth operation / floor preservation
 sufficient

Rolling resistance
 excellent

Wear resistance
 excellent

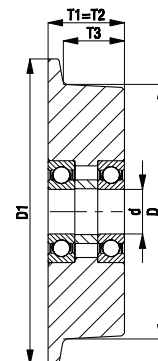
- Wheel:**
- heat-treatable steel, machined, hardness 190–230 HB
 - lightly-oiled surface
 - 3° taper tread to axle
 - extremely low rolling resistance
 - extremely high static and dynamic load capacity

- Other features:**
- chemical resistance to many aggressive substances
 - operating temperature:
 ball bearing version: -20 °C to +120 °C
 heat-resistant ball bearing version: -30 °C to +300 °C, load capacity reduced by 50% at +300 °C
 - the load capacities provided in the table refer to the allocation of flanged wheels to rail profiles in accordance with DIN 536 specified below (crane rail standard):
 SPKVS 50K–SPKVS 200K: A45
 SPKVS 250K: A55
 SPKVS 300K–SPKVS 400K: A65

- Additional details:**
- wheel series: page 74
 - tread: page 59
 - bearing types: page 84–85
 - chemical resistance: page 51

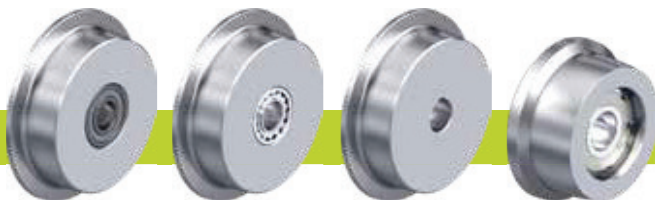
Flanged wheels	Wheel Ø without flange (D) [mm]	Wheel Ø incl. flange (D1) [mm]	Wheel width (T2) [mm]	Running width (T3) [mm]	Flange location (T4) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
SPKVS 50K	50	62	40	30	10	500	ball bearing	15	40
SPKVS 75K	75	100	40	30	10	800	ball bearing	20	40
SPKVS 100K	100	125	50	40	15	1,200	ball bearing	25	50
SPKVS 125K	125	150	50	40	15	1,500	ball bearing	25	50
SPKVS 150K	150	180	60	48	18	2,000	ball bearing	30	60
SPKVS 200K	200	240	60	48	18	2,500	ball bearing	35	60
SPKVS 250K	250	290	75	60	22.5	4,000	ball bearing	45	75
SPKVS 300K	300	345	90	72	27	7,000	ball bearing	60	90
SPKVS 400K	400	445	90	72	27	9,000	ball bearing	80	90

Other dimensions available upon request



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Versions / options



	with heat-resistant ball bearing up to +300 °C	with spherical roller bearing	drive wheels with hub keyway	other versions
Technical description page	84	85	76	
Product code suffix	-IK	-PR	SPKVSN series	
Available for	upon request	upon request	see page 547	upon request