

Series: SPKVS

Solid steel flanged wheels

500 - 9000 kg

RoHS



Tread & tyre hardness	190 - 230 HB
Temperature resistance	-25° C - +120° C
Rolling resistance	excellent
Operating noise	sufficient
Floor surface preservation	sufficient

SPKVS-wheel series:

Made of mild steel, with lightly oiled surface, with horizontal taper of 3°, exceptionally low rolling resistance, outstanding wear resistance, extremely high static and dynamic load capacity. (Material description page 40)

Bearing type:

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

Other features:

For chemical resistance refer to material description page 40.

Operating temperature:

- Ball bearing version: -25° C to +120° C.
- Heat-resistant ball bearing version (refer to 'Options'): -30° C to +300° C, load capacity reduction of 50 % at +300° C.

The load capacities indicated in the table refer to the following rail profiles in acc. to DIN 536 (crane rail standard):

SPKVS 50K to SPKVS 200K: A45

SPKVS 250K: A55

SPKVS 300K to SPKVS 400K: A65.

Maintenance-free under standard conditions.

Wheel series overview page 51

Flanged wheels	Wheel Ø w/o flange (D) [mm]	Wheel Ø incl. flange (D1) [mm]	Wheel width (T2) [mm]	Tread width (T3) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
SPKVS 50K	50	62	40	30	500	Ball bearing	15	40
SPKVS 75K	75	100	40	30	800	Ball bearing	20	40
SPKVS 100K	100	125	50	40	1200	Ball bearing	25	50
SPKVS 125K	125	150	50	40	1500	Ball bearing	25	50
SPKVS 150K	150	180	60	48	2000	Ball bearing	30	60
SPKVS 200K	200	240	60	48	2500	Ball bearing	35	60
SPKVS 250K	250	290	75	60	4000	Ball bearing	45	75
SPKVS 300K	300	345	90	72	7000	Ball bearing	60	90
SPKVS 400K	400	445	90	72	9000	Ball bearing	80	90

Further dimensions upon request

Options



	With heat-resistant ball bearing (oven bearing)	With spherical roller bearing	Drive wheels with hub keyway	With fixed bracket	Further versions
Technical description page	61	61			
Product code suffix	-IK	-PR	SPKVSN series		
Available for	upon request	upon request	refer to page 466	upon request	upon request

