

SPK 100K

Cast iron flanged wheel

EAN 4047526008475
ID 8474
Customs tariff number 87169090



Wheel:

- rugged grey cast iron, hardness 180–220 HB
- with grease nipple from wheel Ø 125 mm
- machined flange and tread
- 3° taper tread to axle
- extremely low rolling resistance
- outstanding wear resistance
- lacquered, colour silver

Other features:

- chemical resistance to many aggressive substances
- operating temperature: -20 °C to +120 °C
- to be lubricated according to the application temperature
- 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):
SPK 50G–SPK 200K, SPK 250G, SPK 250K: A45
SPK 201K, SPK 251K: A55
- electrical conductivity (ohmic resistance) $\leq 10^4 \Omega$

Technical data:

Wheel Ø (D)	☉	100 mm
Wheel Ø including flange (D1)		125 mm
Wheel Ø without flange (D)		100 mm
Wheel width	⊥	46 mm
Running width (T3)	⊥	36 mm
Flange position	⊥	13 mm
Load capacity at 4 km/h	⊞	800 kg
Load capacity (static)	⊞	2,000 kg
Bearing type	☉	ball bearing
Axle bore Ø (d)		20 mm
Hub keyway (T1)	⊥	52 mm
Temperature resistance min		-20 °C
Temperature resistance max		120 °C
Tread and tyre hardness		180–220 HB
Unit weight	⊞	2.4 kg
Non-marking		✗
Non-staining		✓
Antistatic	⊞	✗
ESD		✓
Electrically conductive	⊞	✓
Corrosion-resistant		✗
Heat-resistant	⊞	✗
Suitable for autoclaves		✗



Tread and tyre hardness

■ ■ ■ ■ ■ 180–220 HB

Rolling resistance

■ ■ ■ ■ ■ excellent

Wear resistance

■ ■ ■ ■ ■ excellent

Operating noise / floor surface preservation

■ □ □ □ □ sufficient

