

SPO series, wheel Ø 75–160 mm

Heavy-duty nylon wheels



300–850 kg

Tread and tyre hardness

70 Shore D

Smooth operation / floor preservation

satisfactory

Rolling resistance

excellent

Wear resistance

good

Wheel:

- high-quality nylon 6, impact resistant, hardness 70 Shore D
- extremely robust heavy-duty version
- excellent rolling and swivel resistance
- easy operation on smooth surfaces
- high abrasion resistance
- colour natural white

Other features:

- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +80 °C, reduced load capacity over +35 °C

Additional details:

- wheel series: page 69
- tread: page 57
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
SPO 75/12G	75	32	300	plain bore	12	35
SPO 75/15-45G	75	32	300	plain bore	15	45
SPO 75/15G	75	32	300	plain bore	15	35
SPO 75/15K	75	32	300	ball bearing	15	35
SPO 80/15G	80	37	350	plain bore	15	45
SPO 80/15K	80	37	350	ball bearing	15	45
SPO 82/20K	80	70	650	ball bearing	20	70
SPO 100/15G	100	37	500	plain bore	15	45
SPO 100/15K	100	37	500	ball bearing	15	45
SPO 125/15G	125	40	700	plain bore	15	45
SPO 125/20G	125	40	700	plain bore	20	45
SPO 125/15K	125	40	700	ball bearing	15	45
SPO 125/20K	125	40	700	ball bearing	20	45
SPO 127/20G	125	50	750	plain bore	20	60
SPO 127/20K	125	50	750	ball bearing	20	60
SPO 150/20G	150	50	800	plain bore	20	60
SPO 150/20K	150	50	800	ball bearing	20	60
SPO 150/25K	150	50	800	ball bearing	25	60
SPO 160/20G	160	50	850	plain bore	20	60
SPO 160/20K	160	50	850	ball bearing	20	60
SPO 160/25K	160	50	850	ball bearing	25	60

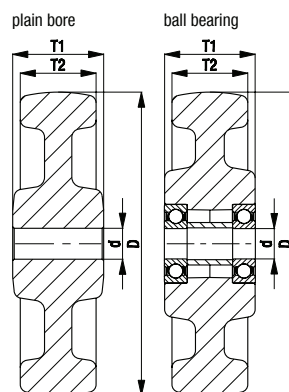
For other wheel Ø, see next page

Versions / options



	with grease nipple	with stainless steel ball bearing in the wheel hub
Technical description page		84
Product code suffix	-NI	-XK
Available for	upon request	upon request*

* Some dimensions may result in reduced load capacities



SPO series, wheel Ø 175–250 mm

Heavy-duty nylon wheels



1,000–2,000 kg

Tread and tyre hardness

70 Shore D

Smooth operation / floor preservation

satisfactory

Rolling resistance

excellent

Wear resistance

good

Wheel:

- high-quality nylon 6, impact resistant, hardness 70 Shore D
- extremely robust heavy-duty version
- excellent rolling and swivel resistance
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- colour natural white

Other features:

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Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
SPO 175/20G	175	50	1,000	plain bore	20	60
SPO 175/20K	175	50	1,000	ball bearing	20	60
SPO 175/25K	175	50	1,000	ball bearing	25	60
SPO 201/20G	200	50	1,000	plain bore	20	60
SPO 200/20G *	200	50	1,500	plain bore	20	60
SPO 200/25G *	200	50	1,500	plain bore	25	60
SPO 201/20K	200	50	1,000	ball bearing	20	60
SPO 200/20K *	200	50	1,250	ball bearing	20	60
SPO 200/25K *	200	50	1,500	ball bearing	25	60
SPO 200/30K *	200	50	1,500	ball bearing	30	60
SPO 251/25G	250	50	1,500	plain bore	25	60
SPO 251/25K	250	50	1,500	ball bearing	25	60
SPO 250/25G **	250	65	2,000	plain bore	25	70
SPO 250/25K *	250	65	2,000	ball bearing	25	65
SPO 250/30K *	250	65	2,000	ball bearing	30	65
SPO 250/35K *	250	65	2,000	ball bearing	35	65

* Extra heavy-duty version

** Load capacity test in compliance with DIN 12532 with extended breaks to avoid thermal overloading

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Versions / options



	with grease nipple	with stainless steel ball bearing in the wheel hub
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