

PS series

Heavy-duty wheels with pneumatic tyres, with pressed steel rim



450–1,300 kg

Tread and tyre hardness

60 Shore A

Smooth operation / floor preservation

excellent

Rolling resistance

good

Wear resistance

satisfactory

Tyre:

- pneumatic tyre, zig-zag profile, hardness 60 Shore A
- 6, 8 or 10 ply rating, with inner tube
- maximum operational comfort
- excellent floor preservation, particularly quiet operation
- colour black

Rim:

- heavy pressed steel
- bolted (flat base rim)
- with welded tubular steel hub
- zinc-plated, blue-passivated, Cr6-free

Other features:

- chemical resistance to many aggressive substances, except oils
- operating temperature: -20 °C to +50 °C
- the wheel and tyre dimensions provided here apply to new tyres that are not bearing a load. Their width and diameter may change when they are in use.
- speeds up to 25 km/h with reduced load capacity

Additional details:

- wheel series: page 64
- tread: page 54
- bearing types: page 84–85
- chemical resistance: page 51

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Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Tyre size	Ply rating	Load capacity at 4 km/h [kg]	Load capacity at 25 km/h [kg]	Tyre pressure [bar/psi]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]	Profile type
PS 310/20-75K	300	100	4.00-4	6	450	350	7.5 / 110	ball bearing	20	75	B02
PS 310/25-75K	300	100	4.00-4	6	450	350	7.5 / 110	ball bearing	25	75	B02
PS 315/25-75K	305	105	4.00-4	6	550	400	7.5 / 110	ball bearing	25	75	B03
PS 430/25-90K	420	115	4.00-8	6	650	500	7.0 / 101	ball bearing	25	90	B08
PS 430/30-90K	420	115	4.00-8	6	650	500	7.0 / 101	ball bearing	30	90	B08
PS 432/30-90K	420	115	4.00-8	8	750	600	7.0 / 101	ball bearing	30	90	B08
PS 464/30-90K	460	145	5.00-8	8	1,140	770	7.0 / 101	ball bearing	30	90	B08
PS 536/35-120K	536	165	6.00-9	10	1,300	1,050	7.0 / 101	ball bearing	35	120	B08

Profile type: B = zig-zag profile, image see page 248

Versions / options



wheel with hub cap (end wheel)

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Product code suffix	-E
Available for	upon request

