

POHI series

Heat-resistant, thermoplastic

Blickle TempLine® Performance wheels



180–600 kg

-25 °C to +250 °C

Tread and tyre hardness

85 Shore D

Smooth operation / floor preservation

satisfactory

Rolling resistance

excellent

Wear resistance

satisfactory

Wheel:

- highly heat-resistant thermoplastic, impact resistant, hardness 85 Shore D
- excellent rolling and swivel resistance
- easy operation on smooth surfaces
- high abrasion resistance
- colour dark grey
- suitable for autoclaves** (plain bore and version with stainless steel ball bearing with heat-resistant grease “-HXK”)

Other features:

- high chemical resistance to many aggressive substances
- operating temperature: -25 °C to +250 °C
- oven temperature temporarily up to +300 °C, wheel temperature must not exceed +250 °C

Additional details:

- wheel series: page 72
- tread: page 57
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity up to +70 °C [kg]	Load capacity at +170 °C [kg]	Load capacity at +250 °C [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
POHI 81/12G	80	32	180	140	100	plain bore	12	35
POHI 100/12-35G	100	30	200	160	120	plain bore	12	35
POHI 100/12-45G	100	30	200	160	120	plain bore	12	45
POHI 102/12G	100	38	250	200	150	plain bore	12	45
POHI 102/15G	100	38	250	200	150	plain bore	15	45
POHI 102/15HK	100	38	250	200	150	ball bearing	15	40
POHI 125/12G	125	40	300	240	180	plain bore	12	45
POHI 125/15G	125	40	300	240	180	plain bore	15	45
POHI 125/15HK	125	40	350	280	210	ball bearing	15	40
POHI 150/20G	150	50	500	400	250	plain bore	20	60
POHI 150/20HK	150	50	500	400	250	ball bearing	20	50
POHI 200/20G	200	50	600	480	360	plain bore	20	60
POHI 200/20HK	200	50	600	480	360	ball bearing	20	50

Versions / options



	PTFE coated stainless steel axle tube Ø 12/8x37 mm	PTFE coated stainless steel axle tube Ø 12/8x47 mm	with stainless steel ball bearing with heat-resistant grease
Technical description page	117	117	84
Product code suffix	XAT 12x37	XAT 12x47	-HXK
Available for	POHI 81/12G POHI 100/12-35G	POHI 100/12-45G POHI 102+125/12G	ball bearing versions

