

## PHN series

### Heat-resistant duroplast wheels Blickle TempLine® Classic



100–500 kg

-35 °C to +260 °C

**Tread and tyre hardness**

90 Shore D

**Smooth operation / floor preservation**

satisfactory

**Rolling resistance**

excellent

**Wear resistance**

sufficient

**Wheel:**

- phenolic resin, hardness 90 Shore D
- very high static load capacity
- easy operation on smooth surfaces
- colour black

**Other features:**

- high chemical resistance to many aggressive substances
- operating temperature:  
plain bore version: -35 °C to +260 °C,  
temporarily up to +300 °C  
ball bearing version: ("HK"): -25 °C to +250 °C  
ball bearing version: ("IK"): -30 °C to +260 °C
- wheels are only conditionally suitable for uneven floors and crossing thresholds

**Additional details:**

- wheel series: page 72
- tread: page 58
- 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]
PHN 81/12G	80	32	100	plain bore	12	35
PHN 80/12G	80	35	110	plain bore	12	40
PHN 100/12-35G	100	30	125	plain bore	12	35
PHN 100/12-45G	100	30	125	plain bore	12	45
PHN 102/12G	100	38	200	plain bore	12	45
PHN 102/15G	100	38	200	plain bore	15	45
PHN 102/15HK	100	38	200	ball bearing	15	40
PHN 102/15IK	100	38	200	ball bearing	15	40
PHN 125/12G	125	40	200	plain bore	12	45
PHN 125/15G	125	40	200	plain bore	15	45
PHN 125/15HK	125	40	200	ball bearing	15	40
PHN 125/15IK	125	40	200	ball bearing	15	40
PHN 150/20G	150	50	300	plain bore	20	60
PHN 150/20HK	150	50	300	ball bearing	20	50
PHN 150/20IK	150	50	300	ball bearing	20	50
PHN 200/20G *	200	50	500	plain bore	20	60

\* Operating temperature from -30 °C to +230 °C

### Versions / options



	PTFE coated stainless steel axle tube Ø 12/8x37 mm	PTFE coated stainless steel axle tube Ø 12/8x47 mm
Technical description page	117	117
Product code suffix	XAT 12x37	XAT 12x47
Available for	PHN 81/12G PHN 100/12–35G	PHN 100/12–45G PHN 102+125/12G

