

VSTH, GTH series, wheel Ø 35–200 mm

Heavy-duty wheels
with **Blickle Extrathane®** polyurethane tread,
with steel or cast iron wheel centre



100–1,600 kg

Tread and tyre hardness

92 Shore A

Smooth operation / floor preservation

good

Rolling resistance

very good

Wear resistance

excellent



Tread:

- high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A
- low rolling resistance
- high abrasion resistance
- high cut and tear propagation resistance
- colour light brown, non-marking, non-staining
- excellent chemical connection with the wheel centre

Wheel centre:

- series VSTH: steel
- series GTH: rugged grey cast iron, with grease nipple from wheel Ø 150 mm, lacquered, colour silver

Other features:

- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

Additional details:

- wheel series: page 66
- tread: page 55
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity at 4 km/h [kg]	Load capacity at 10 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VSTH 35/6K	35	27	100	–	ball bearing	6	30
VSTH 50/8K	50	33	150	–	ball bearing	8	36
VSTH 60/15K	60	35	200	–	ball bearing	15	35
VSTH 62/10K	60	60	320	–	ball bearing	10	60
VSTH 65/15K	65	40	250	–	ball bearing	15	40
VSTH 75/20K	75	40	270	–	ball bearing	20	40
VSTH 80/20K	80	40	280	–	ball bearing	20	40
VSTH 82/20K	80	70	500	–	ball bearing	20	70
GTH 100/15K	100	40	450	–	ball bearing	15	40
GTH 101/20-50K	100	50	600	–	ball bearing	20	50
GTH 101/20K	100	50	600	–	ball bearing	20	60
GTH 125/15K	125	40	550	–	ball bearing	15	45
GTH 127/20-50K	125	50	700	350	ball bearing	20	50
GTH 127/20K	125	50	700	350	ball bearing	20	60
GTH 127/25-50K	125	50	700	350	ball bearing	25	50
GTH 140/20K	140	54	900	450	ball bearing	20	60
GTH 150/20-50K	150	50	800	400	ball bearing	20	50
GTH 150/20K	150	50	800	400	ball bearing	20	60
GTH 160/20K	160	50	800	400	ball bearing	20	60
GTH 160/25K	160	50	800	400	ball bearing	25	60
GTH 175/20K	175	50	875	430	ball bearing	20	60
GTH 175/25K	175	50	875	430	ball bearing	25	60
GTH 177/25K	175	80	1,300	650	ball bearing	25	80
GTH 181/25K	180	40	800	400	ball bearing	25	40
GTH 182/25K	180	65	1,100	550	ball bearing	25	75
GTH 200/20K	200	50	1,000	500	ball bearing	20	60
GTH 200/25K	200	50	1,000	500	ball bearing	25	60
GTH 201/25K	200	60	1,400	700	ball bearing	25	60
GTH 202/25K	200	80	1,600	800	ball bearing	25	90
GTH 202/30K	200	80	1,600	800	ball bearing	30	90
GTH 202/35K	200	80	1,600	800	ball bearing	35	90

For other wheel Ø, see next page

Versions / options

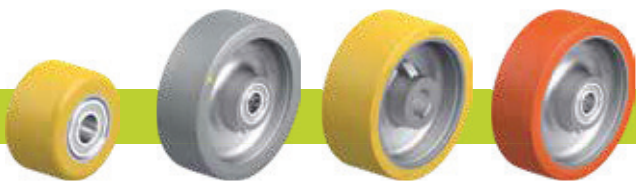
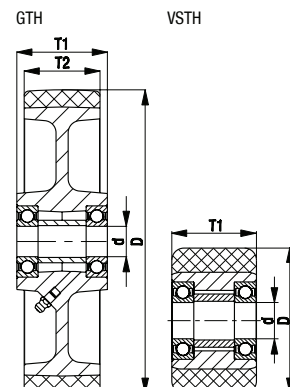


image VSTH	antistatic version, non-marking grey	drive wheels with hub keyway	other shore hardnesses and special colours
Technical description page	50	75	
Product code suffix	-AS	GTHN series	
Available for	upon request	see page 541–542	



GTH series, wheel Ø 250–1,000 mm

Heavy-duty wheels
with **Blickle Extrathane®** polyurethane tread,
with **cast iron wheel centre**

1,250–30,000 kg

Tread and tyre hardness

92 Shore A

Smooth operation / floor preservation

good

Rolling resistance

very good

Wear resistance

excellent



Tread:

- high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A
- low rolling resistance
- high abrasion resistance
- high cut and tear propagation resistance
- colour light brown, non-marking, non-staining
- excellent chemical connection with the wheel centre

Wheel centre:

- rugged grey cast iron
- with grease nipple
- lacquered, colour silver

Other features:

- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

Additional details:

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Wheels	Wheel Ø	Wheel width	Load capacity	Load capacity	Bearing type	Axle bore Ø	Hub length
	(D) [mm]	(T2) [mm]	at 4 km/h [kg]	at 10 km/h [kg]		(d) [mm]	(T1) [mm]
GTH 251/25K	250	50	1,250	620	ball bearing	25	60
GTH 251/30K	250	50	1,250	620	ball bearing	30	60
GTH 250/25K	250	60	1,500	750	ball bearing	25	70
GTH 250/30K	250	60	1,500	750	ball bearing	30	70
GTH 250/30K-01	250	60	1,750	870	ball bearing	30	70
GTH 250/35K	250	60	1,500	750	ball bearing	35	70
GTH 252/25K	250	80	1,800	900	ball bearing	25	90
GTH 252/30K	250	80	2,200	1,100	ball bearing	30	90
GTH 254/40K	250	130	3,150	1,550	ball bearing	40	140
GTH 301/25K	300	45	1,300	650	ball bearing	25	60
GTH 300/30K	300	60	1,800	900	ball bearing	30	70
GTH 302/30K	300	80	2,400	1,200	ball bearing	30	90
GTH 302/35K	300	80	2,400	1,200	ball bearing	35	90
GTH 304/35K	300	100	3,000	1,500	ball bearing	35	120
GTH 360/40K	360	75	2,500	1,250	ball bearing	40	90
GTH 362/40K	360	80	3,000	1,500	ball bearing	40	90
GTH 363/40K	360	100	3,600	1,800	ball bearing	40	100
GTH 364/40K	360	120	3,800	1,900	ball bearing	40	120
GTH 400/35K	400	60	2,400	1,200	ball bearing	35	75
GTH 402/40K	400	80	3,000	1,500	ball bearing	40	90
GTH 404/40K	400	100	3,800	1,900	ball bearing	40	120
GTH 406/50K	400	125	5,000	2,500	ball bearing	50	125
GTH 500/50K	500	100	5,000	2,500	ball bearing	50	100
GTH 504/60K	500	150	7,500	3,750	ball bearing	60	150
GTH 506/80K	500	200	10,000	5,000	ball bearing	80	200
GTH 602/80K	600	150	9,000	4,500	ball bearing	80	150
GTH 604/80K	600	200	12,000	6,000	ball bearing	80	200
GTH 750/120K	750	200	15,000	7,500	ball bearing	120	200
GTH 1000/160PR	1,000	300	30,000	15,000	spherical roller bearing	160	330

Other dimensions available upon request

Versions / options



	antistatic version, non-marking grey	drive wheels with hub keyway	other shore hardnesses and special colours
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