

GVU series

Heavy-duty wheels with Vulkollan® tread, with cast iron wheel centre

450–3,000 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 Vulkollan®, hardness 92 Shore A
- low rolling resistance
- **high dynamic load capacity**
- high abrasion resistance
- high cut and tear propagation resistance
- colour natural, non-marking, non-staining
- excellent chemical connection with the wheel centre

Wheel centre:

- rugged grey cast iron
- with grease nipple from wheel Ø 150 mm
- lacquered, colour silver

Other features:

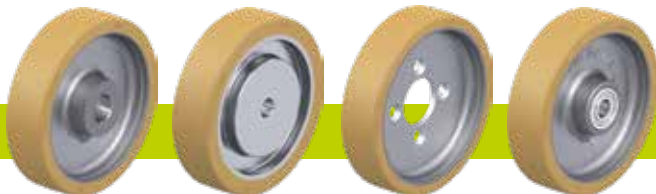
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

Additional details:

- wheel series: page 68
- tread: page 56
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø	Wheel width	Load capacity at 4 km/h	Load capacity at 10 km/h	Load capacity at 16 km/h	Bearing type	Axle bore Ø	Hub length
	(D) [mm]	(T2) [mm]	[kg]	[kg]	[kg]		(d) [mm]	(T1) [mm]
GVU 100/15K	100	40	450	–	–	ball bearing	15	40
GVU 125/15K	125	40	550	–	–	ball bearing	15	45
GVU 127/20K	125	50	700	490	280	ball bearing	20	60
GVU 140/20K	140	54	900	630	360	ball bearing	20	60
GVU 150/20K	150	50	800	560	320	ball bearing	20	60
GVU 160/20K	160	50	800	560	320	ball bearing	20	60
GVU 200/20K	200	50	1,000	700	400	ball bearing	20	60
GVU 200/25K	200	50	1,000	700	400	ball bearing	25	60
GVU 202/25K	200	80	1,600	1,150	640	ball bearing	25	90
GVU 202/35K	200	80	1,600	1,150	640	ball bearing	35	90
GVU 250/25K	250	60	1,250	870	500	ball bearing	25	70
GVU 250/35K	250	60	1,250	870	500	ball bearing	35	70
GVU 252/25K	250	80	1,800	1,250	720	ball bearing	25	90
GVU 252/30K	250	80	2,200	1,500	880	ball bearing	30	90
GVU 302/30K	300	80	2,400	1,650	960	ball bearing	30	90
GVU 302/35K	300	80	2,400	1,650	960	ball bearing	35	90
GVU 304/35K	300	100	3,000	2,100	1,200	ball bearing	35	120
GVU 402/40K	400	80	3,000	2,100	1,200	ball bearing	40	90

Versions / options



	drive wheels with hub keyway	basic wheels with steel wheel centre and hole	hub fitting wheels	other shore hardnesses
Technical description page	76	78		
Product code suffix	GVUN series	Serie VSVU	GVUA series	
Available for	see page 546	see page 553	upon request	upon request

