

## G series Cast iron wheels

250–1,400 kg

-100 °C to +600 °C

<b>Tread and tyre hardness</b>	180–220 HB
<b>Smooth operation / floor preservation</b>	sufficient
<b>Rolling resistance</b>	excellent
<b>Wear resistance</b>	excellent

- Wheel:**
- rugged grey cast iron, hardness 180–220 HB
  - with grease nipple
  - extremely low rolling and swivel resistance
  - outstanding wear resistance
  - machined tread and edges
  - lacquered, colour silver

- Other features:**
- chemical resistance to many aggressive substances
  - operating temperature:  
plain bore version: -100 °C to +600 °C  
ball bearing version: -30 °C to +300 °C
  - consider the surface pressure on sensitive floors due to high point loads
  - provide adequate lubrication on a regular basis for plain bore version
  - to be lubricated according to the application temperature

- Additional details:**
- wheel series: page 70
  - tread: page 59
  - bearing types: page 84–85
  - chemical resistance: page 51



Wheels	Wheel Ø	Wheel width	Load capacity up to +70 °C	Load capacity at +300 °C	Bearing type	Axle bore Ø	Hub length
	(D) [mm]	(T2) [mm]	[kg]	[kg]		(d) [mm]	(T1) [mm]
<b>G 80/12G</b>	80	25	250	200	plain bore	12	35
<b>G 80/15G</b>	80	25	250	200	plain bore	15	35
<b>G 100/15G</b>	100	35	400	320	plain bore	15	45
<b>G 100/15IK</b>	100	35	400	320	ball bearing	15	40
<b>G 125/15G</b>	125	35	450	360	plain bore	15	45
<b>G 125/15IK</b>	125	35	450	360	ball bearing	15	45
<b>G 127/20G</b>	125	50	750	600	plain bore	20	60
<b>G 127/20IK</b>	125	50	750	370	ball bearing	20	60
<b>G 150/20G</b>	150	50	900	720	plain bore	20	60
<b>G 150/20IK</b>	150	50	900	450	ball bearing	20	60
<b>G 200/20G</b>	200	50	1,100	880	plain bore	20	60
<b>G 200/20IK</b>	200	50	1,100	500	ball bearing	20	60
<b>G 250/25G</b>	250	60	1,400	1,100	plain bore	25	65
<b>G 250/25IK</b>	250	60	1,300	650	ball bearing	25	70

