# **Medium Duty Casters**

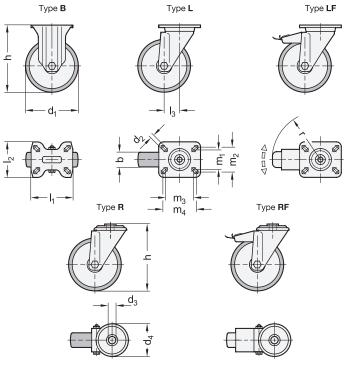
Wheel Tread Polyurethane, Wheel Core Polyamide, Light Version



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# Bearing type

- Friction bearing
- K\* Ball bearing

## Type (bracket)

- B Rigid bracket
- L Swivel bracket with mounting plate
- LF Swivel bracket with mounting plate, with total lock brake
- R Swivel bracket
- **RF** Swivel bracket with center hole, with total lock brake



Light version

| <b>d</b> <sub>1</sub><br>Wheel Ø | b  | d <sub>2</sub> | d <sub>3</sub> | $d_4$ | h              |              | I <sub>1</sub> | l <sub>2</sub> |              | I <sub>3</sub> | m <sub>1</sub> | m <sub>2</sub> |              | m <sub>3</sub> | m <sub>4</sub> | r   | Max. dyr<br>load cap |                   |
|----------------------------------|----|----------------|----------------|-------|----------------|--------------|----------------|----------------|--------------|----------------|----------------|----------------|--------------|----------------|----------------|-----|----------------------|-------------------|
|                                  |    |                |                |       | Type<br>B/L/LF | Type<br>R/RF |                | Type<br>B      | Type<br>L/LF |                |                | Type<br>B      | Type<br>L/LF |                |                |     | Bearing<br>type G    | Bearing<br>type K |
| 80                               | 30 | 9              | 12             | 73    | 107            | 107          | 100            | 85             | 85           | 40             | 45             | 60             | 60           | 75             | 80             | 120 | 1200                 | 1300              |
| 100                              | 30 | 9              | 12             | 73    | 128            | 128          | 100            | 85             | 85           | 35             | 45             | 60             | 60           | 75             | 80             | 120 | 1700                 | 2000              |
| 125                              | 35 | 9              | 12             | 73    | 156            | 156          | 100            | 85             | 85           | 37             | 45             | 60             | 60           | 75             | 80             | 120 | 2200                 | 2200              |
| 150                              | 45 | 11             | 20             | 102   | 194            | 188          | 140            | 114            | 110          | 56             | 73             | 85             | 87           | 105            | 105            | 156 | 3000                 | 3000              |
| 200                              | 50 | 11             | 20             | 102   | 240            | 236          | 140            | 114            | 110          | 56             | 73             | 85             | 87           | 105            | 105            | 156 | 3000                 | 3000              |

\* Only available in version ST

# Specification

#### Wheel tread

Thermoplastic polyurethane (TPU)

- Injection molded
- Orange
- Hardness 55 Shore D

### Wheel core

Plastic, polyamide (PA)

#### Bracket

| <ul> <li>Steel sheet metal, zinc plated</li> </ul>       | ST |
|--|----|
| <ul> <li>Stainless steel sheet metal AISI 304</li> </ul> | NI |

### Swivel head bracket

- · Dual grease-lubricated ball bearing
- Dust protection ring on type L / LF Plastic, polyethylene (PE)

Operating temperature -15 °C to +80 °C

### RoHS

| Technical Information                        |     |  |  |  |  |
|--|-----|--|--|--|--|
| Usage Conditions of Wheels and Casters       | QVX |  |  |  |  |
| Technical Information for Wheels and Casters | OVX |  |  |  |  |

Medium duty casters GN 22882 are used in industrial and public indoor areas for moving lightweight carts, for example.

The wheel tread offers low rolling resistance and high elasticity as well as good wear and tearing resistance.

With bearing type K, the low wear on the ball bearing increases the service life, and the mounting to the inner ring can be accomplished with zero axial backlash.

| see also  | Page |
|---|------|
| GN 22882 Wheels (without Bracket)                             | QVX  |
| GN 22882 Medium Duty Casters (with Leveling Foot)             | QVX  |
| GN 22880 Light Duty Casters (Wheel Tread Polyurethane, Red)   | QVX  |
| GN 22884 Medium Duty Casters (Wheel Tread Polyurethane, Blue) | QVX  |

| How to order         | 1 | d <sub>1</sub>     |
|----------------------|---|--------------------|
|                      | 2 | Bearing type       |
|                      | 3 | Type (bracket)     |
| 1 2 3 4 5            | 4 | Coding             |
| GN 22882-80-K-R-L-ST | 5 | Material (bracket) |



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