

COVERING

Injected polyurethane, hardness 55 Shore D.

WHEEL CENTRE BODY

Polyamide based (PA) technopolymer.

ROLLING ACTION

Hub with pass-through hole.

APPLICATIONS

Excellent rolling resistance and elasticity features, good wear and tearing resistance.

For selection parameters see Technical data (on page 1701).

RE.FF wheels are also supplied with steel sheet brackets RE.FF-N (vedi pag. 1666).

ENVIRONMENTAL CONDITIONS

Suitable for use in environments with the presence of atmospheric agents, alcohols and glycols, weak organic and mineral acids, water and saturated vapour.

ROLLING RESISTANCE - FORCE / LOAD APPLIED

The diagram shows the force to be applied to a wheel to keep it moving at the constant speed of 4 km/h, according to the applied load.

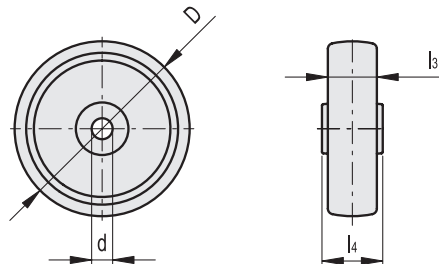
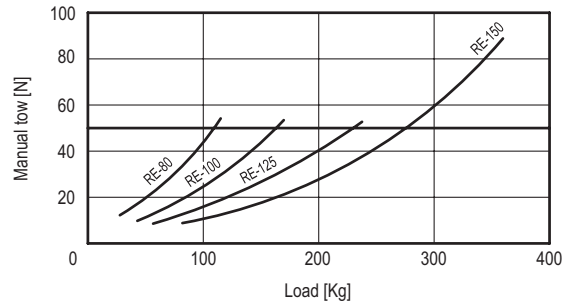
The intersection point with a 50N value is the maximum transportable load with a manually actuated 4-wheel trolley; in fact, 200N = 50N x 4 wheels is the maximum force that may be supported by the operator according to the regulations in force regarding work safety.

MECHANICAL MOVING WITH TOWING DEVICES

For mechanical towing, please see the technical specifications to determine the capacity variation.

TEMPERATURE

If operating temperatures in an application differ from the standard range of values, please see the technical specifications to determine the capacity variation.



| Code | Description | D | d | l3 | l4 | Static load# [N] | Rolling resistance# [N] | Dynamic carrying capacity# [N] | |
|--------|---------------|-----|----|----|----|------------------|-------------------------|--------------------------------|-----|
| 451001 | RE.FF-080-RBL | 80 | 12 | 30 | 39 | 2200 | 1200 | 1200 | 110 |
| 451006 | RE.FF-100-RBL | 100 | 12 | 30 | 44 | 3000 | 1700 | 1700 | 150 |
| 451011 | RE.FF-125-RBL | 125 | 15 | 35 | 44 | 3500 | 2300 | 2300 | 250 |
| 451016 | RE.FF-150-RBL | 150 | 20 | 45 | 59 | 5000 | 2800 | 3500 | 470 |

For static load, rolling resistance and dynamic carrying capacity see Technical data on page 1704.

