

## Thermoplastic rubber wheels

### Technopolymer centre body

#### COVERING

Grey anti-trace thermoplastic wheel, hardness 85 Shore A.

#### WHEEL CENTRE BODY

Polypropylene-based technopolymer (PP).

#### ROLLING ACTION

Hub with pass-through hole.

#### APPLICATIONS

Excellent smoothness and elasticity features. For selection parameters see Technical Data on page 2013.

RE.G1 wheels are also supplied with steel sheet bracket (RE.G1-N on page 1993).

#### ENVIRONMENTAL CONDITIONS

Suitable for use in humid environments and in the presence of medium-aggressive chemicals; use in environments with the presence of organic, chlorinated solvents, hydrocarbons and mineral oils is not recommended.

#### 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.

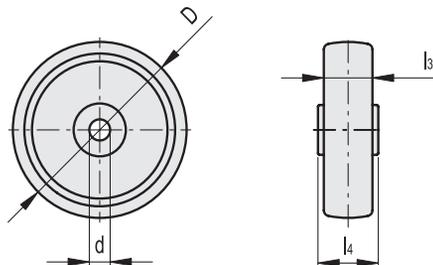
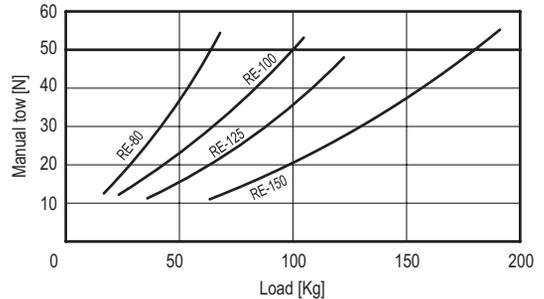
The intersection point with a 50N value is the maximum transportable load with a manually actuated 4-wheel trolley; in fact, 200N = 50N x 4 wheels is the maximum force that may be supported by the operator according to the regulations in force regarding work safety.

#### 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	l <sub>3</sub>	l <sub>4</sub>	Static load# [N]	Rolling resistance# [N]	Dynamic carrying capacity# [N]	⚖️
452501	RE.G1-080-RBL	80	12	30	39	1000	700	700	90
452506	RE.G1-100-RBL	100	12	30	44	1500	1000	1000	120
452511	RE.G1-125-RBL	125	15	35	44	1800	1200	1200	200
452516	RE.G1-150-RBL	150	20	45	59	2700	1800	1800	360

# For static load, rolling resistance and dynamic carrying capacity see Technical Data on page 2014.