

# RE.G1

## Thermoplastic rubber wheels

700 - 1800 N RoHS

### • Covering

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

### • Wheel centre body

Polypropylene-based technopolymer (PP). Resistant to solvents, oils and other chemicals.

### • Bore

Directly made into the centre.

### Applications

The wheel RE.G1 has excellent smoothness and elasticity features. For selection parameters see Technical data.

### Environmental conditions

The wheel RE.G1 is 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.

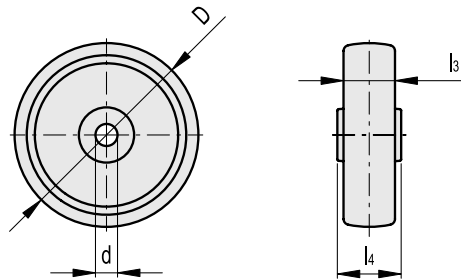
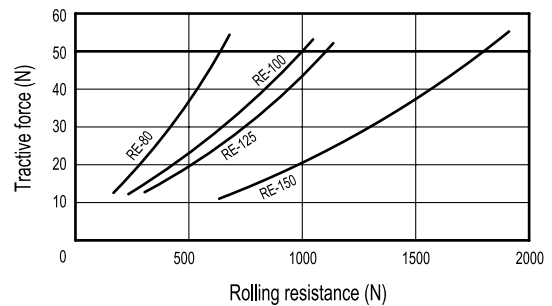
### Mechanical moving with towing devices

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.

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



| Code   | Description   | D   | d  | l <sub>3</sub> | l <sub>4</sub> | Static load#<br>[N] | Rolling resistance#<br>[N] | Dynamic carrying capacity#<br>[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.