Injected polyurethane wheels

Technopolymer centre body

COVERING
Injected polyurethane, hardness 55 Shore D.

WHEEL CENTRE BODY
Polyamide-based technopolymer (PA).

ROLLING ACTION
Hub with pass-through hole.

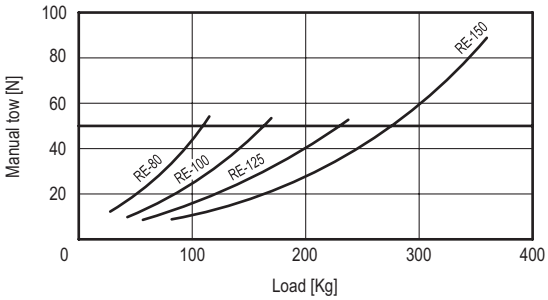
APPLICATIONS
Excellent smoothness and elasticity features, good wear and tearing resistance.
For selection parameters see Technical data on page 2013.
RE.FF wheels are also supplied with steel sheet brackets RE.FF-N (see page 1980).

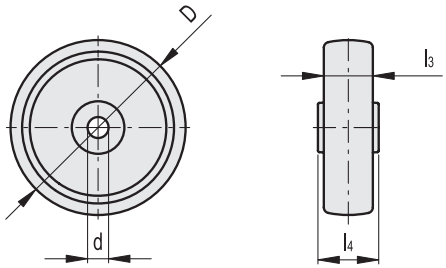
ENVIRONMENTAL CONDITIONS
Suitable for use in environments with the presence of atmospheric agents, alcohols and glycols; weak organic and mineral acids, water and saturated vapour.

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 2014.