

RE.F2 | Soft polyurethane wheels

Aluminium centre body



COVERING

Soft mould-on polyurethane, hardness 75 Shore A.

WHEEL CENTRE BODY

Pressure die-cast aluminium.

ROLLING ACTION

Hub with ball bearings. Ideal solution for heavy loads and continuous moving.

APPLICATIONS

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

For selection parameters see Technical data (on page 1875).

RE.F2 wheels are supplied also with bracket:

- RE.F2-N (see page 1828): wheel with steel sheet bracket to be used for light loads.
- RE.F2-H (see page 1830): wheels with steel sheet bracket to be used for medium-heavy loads.
- RE.F2-WH (see page 1832): wheels with electro-welded steel bracket to be used for heavy loads.

ENVIRONMENTAL CONDITIONS

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

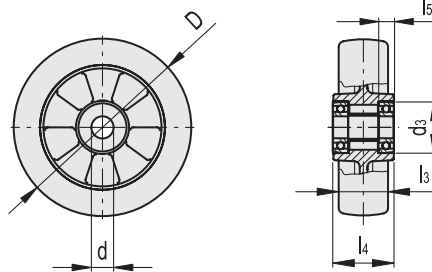
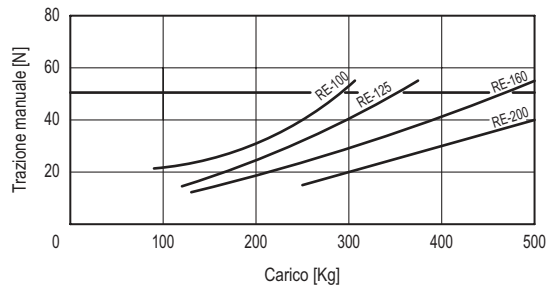
The intersection point with a 50N value is the maximum transportable load with a manually actuated 4-wheel trolley; in fact, 200N = 50N x 4 wheels is the maximum force that may be supported by the operator according to the regulations in force regarding work safety.

MECHANICAL MOVING WITH TOWING DEVICES

For mechanical towing, please see the technical data 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.



Conversion Table 1 mm = 0.039 inch	
D	
mm	inch
100	3.94
125	4.92
160	6.30
200	7.87

METRIC

Code	Description	D	d	d3	l3	l4	l5	Static load# [N]	Rolling resistance# [N]	Dynamic carrying capacity# [N]	
452411	RE.F2-100-RSL	100	15	32	40	40	10	4000	3000	3000	480
452412	RE.F2-125-RSL	125	20	47	40	50	14	5000	3500	3500	810
452413	RE.F2-160-RSL	160	20	47	50	58	14.5	8000	5500	5500	1250
452414	RE.F2-200-RSL	200	20	47	50	60	14.5	10000	7000	7000	1850

For static load, rolling resistance and dynamic carrying capacity see Technical data (on page 1880).

