

RE.E2 | Vulcanised rubber wheels

Technopolymer centre body



COVERING WITH TREAD

Vulcanised rubber; hardness 83 Shore A.

WHEEL CENTRE BODY

Polypropylene-based (PP) technopolymer.

ROLLING ACTION

Hub with pass-through hole.

APPLICATIONS

RE.E2 wheels may be mounted on different kinds of trolleys, with medium-light loads; they are also suitable for outdoor use. Typical applications: trolleys for industrial moving, for outdoor use also, waste dumpsters. For selection parameters see Technical data (on page 1875).

RE.E2 wheels are also supplied with steel sheet bracket RE.E2-N (see page 1860).

ENVIRONMENTAL CONDITIONS

Suitable for use in humid environments and in the presence of medium-aggressive chemical environments; 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.

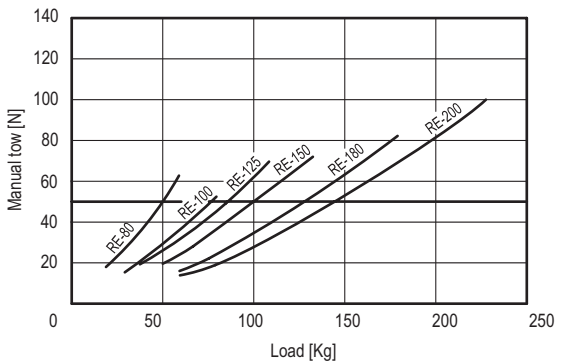
The intersection point with a 50N value is the maximum transportable load with a manually actuated 4-wheel trolley; in fact, 200N = 50N x 4 wheels is the maximum force that may be supported by the operator according to the regulations in force regarding work safety.

MECHANICAL MOVING WITH TOWING DEVICES

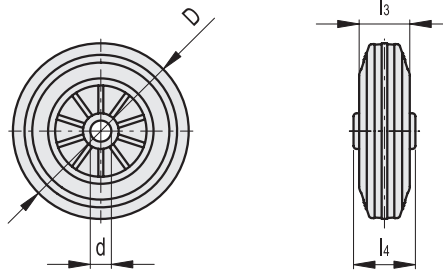
For mechanical towing, please see the technical specifications to determine the capacity variation.

TEMPERATURE

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



Conversion Table	
1 mm = 0.039 inch	
D	
mm	inch
80	3.15
100	3.94
125	4.92
150	5.91
180	7.09
200	7.87



METRIC

Code	Description	D	d	l3	l4	Static load# [N]	Rolling resistance# [N]	Dynamic carrying capacity# [N]	⚖️
449501	RE.E2-080-RBL	80	12	25	39	1500	500	650	110
449506	RE.E2-100-RBL	100	12	30	44	2000	750	800	210
449512	RE.E2-125-RBL	125	15	37.5	44	2250	850	1100	410
449516	RE.E2-150-RBL	150	15	40	44	2750	1000	1300	610
449518	RE.E2-180-RBL	180	20	45	59	3500	1300	1800	1020
449522	RE.E2-200-RBL	200	20	50	59	4000	1400	2250	1310

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

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