

COVERING WITH TREAD

Vulcanised rubber; hardness 80 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 1295). RE.E2 wheels are also supplied with steel sheet bracket RE.E2-N (see page 1276).

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

For each load and diameter, the table indicates the force (in N) needed to push or pull a single wheel at a constant speed of 4 km/h on smooth ground.

For manual handling of a 4-wheel trolley, it is recommended to choose diameters with values below 50 N; for frequent handling, choose values below 30 N.

MECHANICAL MOVING WITH TOWING DEVICES

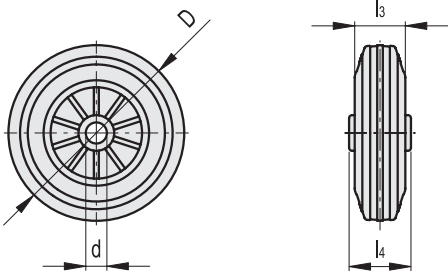
For mechanical towing, please see the technical specifications to determine the capacity variation.

TEMPERATURE

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



| Traction force or thrust for wheel movement [N] | | | | | |
|---|-----|----------|------|------|------|
| | | Load [N] | | | |
| | | 500 | 1000 | 1500 | 2000 |
| D | 80 | 50 | - | - | - |
| | 100 | 25 | - | - | - |
| | 125 | 22 | 60 | - | - |
| | 150 | 20 | 50 | - | - |
| | 180 | 10 | 32 | 60 | - |
| | 200 | 10 | 30 | 55 | 85 |



| Code | Description | D | d | l3 | l4 | Static load# [N] | Rolling resistance# [N] | Dynamic carrying capacity# [N] | Δ |
|--------|---------------|-----|----|------|----|---------------------|-------------------------------|--------------------------------------|------|
| 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 1296).