

**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.

**FIXED PLATE BRACKET**

Yellow zinc-plated steel sheet. The bracket is designed to withstand loads up to 7000N.

It ensures capacities that make it suitable for heavy industrial applications.

**TURNING PLATE BRACKET**

Yellow zinc-plated steel sheet. The bracket is designed to withstand loads up to 7000N. It ensures capacities that make it suitable for heavy industrial applications.

It consists of (see Fig.1):

1. fitting plate: yellow zinc-plated steel sheet;
2. fork: yellow zinc-plated steel sheet;
3. ball race ring: yellow zinc-plated steel sheet;
4. central pin: class 8.8 steel screw and steel nut;
5. rotation system: dual grease-lubricated ball race;
6. dust seal: RAL 7015 dark grey technopolymer.

**BRAKE**

Front brake (RE.F2-100) or rear brake (RE.F2-125-160-200) dual-effect with simultaneous locking of wheel and bracket.

The brake is simple and effective to use: it is actuated and released by a simple action from the top downward at the tip of two separate pedals, thus ensuring the utmost manoeuvring comfort.

On wheels with a rear brake, the braking efficacy may be adjusted with a socket head screw M8.

**STANDARD EXECUTIONS**

- **PSL-H:**  
fixed plate bracket, without brake.
- **SSL-H:**  
turning plate bracket, without brake.
- **SSF-H:**  
turning plate bracket, with brake.

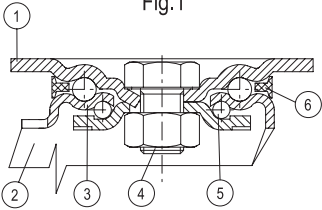
**APPLICATIONS**

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

For further information see wheel technical data sheet RE.F2 (see page -).

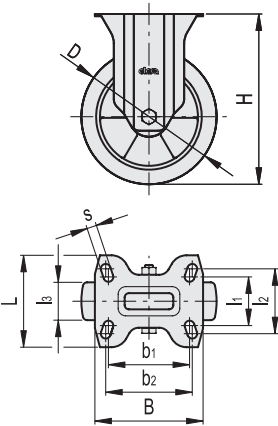


Fig.1

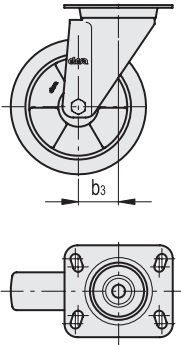




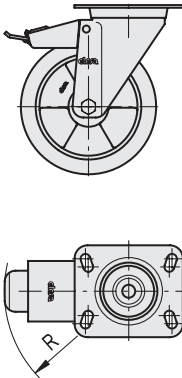
RE.F2-PSL-H



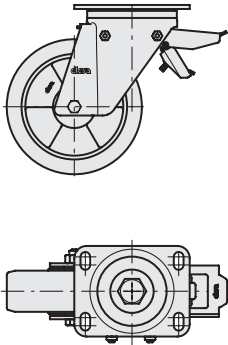
RE.F2-SSL-H



RE.F2-100-SSF-H



RE.F2-125-SSF-H  
RE.F2-160-SSF-H  
RE.F2-200-SSF-H



RE.F2-PSL-H

| Code   | Description     | D   | I1 | I2 | I3 | H   | B   | L   | s    | b1  | b2  | Rolling resistance# [N] | Dynamic carrying capacity# [N] | ⚖    |
|--------|-----------------|-----|----|----|----|-----|-----|-----|------|-----|-----|-------------------------|--------------------------------|------|
| 452461 | RE.F2-100-PSL-H | 100 | 45 | 60 | 40 | 138 | 100 | 85  | 9    | 75  | 80  | 3000                    | 3000                           | 850  |
| 452462 | RE.F2-125-PSL-H | 125 | 73 | 87 | 40 | 170 | 140 | 110 | 11   | 105 | 105 | 3500                    | 3500                           | 1690 |
| 452463 | RE.F2-160-PSL-H | 160 | 73 | 87 | 50 | 205 | 140 | 110 | 12.5 | 105 | 105 | 5500                    | 5500                           | 2110 |
| 452464 | RE.F2-200-PSL-H | 200 | 73 | 87 | 50 | 250 | 140 | 110 | 12.5 | 105 | 105 | 7000                    | 7000                           | 2850 |

RE.F2-SSL-H

| Code   | Description     | D   | I1 | I2 | I3 | H   | B   | L   | s    | b1  | b2  | b3 | Rolling resistance# [N] | Dynamic carrying capacity# [N] | ⚖    |
|--------|-----------------|-----|----|----|----|-----|-----|-----|------|-----|-----|----|-------------------------|--------------------------------|------|
| 452421 | RE.F2-100-SSL-H | 100 | 45 | 60 | 40 | 138 | 100 | 85  | 9    | 75  | 80  | 46 | 3000                    | 3000                           | 1350 |
| 452422 | RE.F2-125-SSL-H | 125 | 73 | 87 | 40 | 170 | 140 | 110 | 11   | 105 | 105 | 70 | 3500                    | 3500                           | 2330 |
| 452423 | RE.F2-160-SSL-H | 160 | 73 | 87 | 50 | 205 | 140 | 110 | 12.5 | 105 | 105 | 70 | 5500                    | 5500                           | 3600 |
| 452424 | RE.F2-200-SSL-H | 200 | 73 | 87 | 50 | 250 | 140 | 110 | 12.5 | 105 | 105 | 70 | 7000                    | 7000                           | 4310 |

RE.F2-SSF-H

| Code   | Description     | D   | I1 | I2 | I3 | H   | B   | L   | s    | b1  | b2  | b3 | R   | Rolling resistance# [N] | Dynamic carrying capacity# [N] | ⚖    |
|--------|-----------------|-----|----|----|----|-----|-----|-----|------|-----|-----|----|-----|-------------------------|--------------------------------|------|
| 452441 | RE.F2-100-SSF-H | 100 | 45 | 60 | 40 | 138 | 100 | 85  | 9    | 75  | 80  | 46 | 123 | 3000                    | 3000                           | 1520 |
| 452442 | RE.F2-125-SSF-H | 125 | 73 | 87 | 40 | 170 | 140 | 110 | 11   | 105 | 105 | 70 | 126 | 3500                    | 3500                           | 2860 |
| 452443 | RE.F2-160-SSF-H | 160 | 73 | 87 | 50 | 205 | 140 | 110 | 12.5 | 105 | 105 | 70 | 126 | 5500                    | 5500                           | 4170 |
| 452444 | RE.F2-200-SSF-H | 200 | 73 | 87 | 50 | 250 | 140 | 110 | 12.5 | 105 | 105 | 70 | 126 | 7000                    | 7000                           | 4910 |

# For rolling resistance and dynamic carrying capacity see Technical data (on page 1296).