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**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**

Zinc-plated steel sheet, the bracket is designed to withstand loads up to 2000N.

**TURNING PLATE BRACKET**

Zinc-plated steel sheet, the bracket is designed to withstand loads up to 2000N.

The presence of a double ball race and direct contact between the plate and the ball race ring with built-in pin ensure excellent manoeuvrability. Does not require maintenance.

It consists of (see Fig.1):

1. fitting plate: electrolytically zinc-plated steel plate;
2. fork: electrolytically zinc-plated steel plate;
3. ball race ring: electrolytically zinc-plated steel plate;
4. central pin: incorporated in the plate, cold reflanged;
5. rotation system: dual grease-lubricated ball race;
6. dust seal: RAL 7015 dark grey technopolymer.

**BRAKE**

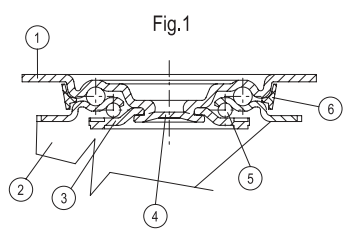
Total brake that locks the wheel and bracket rotation.  
The optimised dimensions and the retractible pedal ensure minimal space occupied and maximum actuation ease.  
Hardened carbon steel spring.  
The trolley must be turned to use the device.  
The brake is simple and effective to use: it is actuated and released by a simple action from the top downward at the tip of two separate pedals, thus ensuring the utmost manoeuvring comfort.

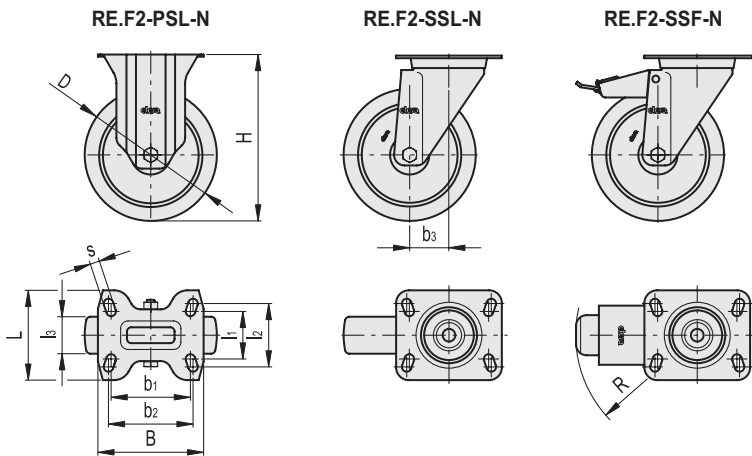
**STANDARD EXECUTIONS**

- **PSL-N**: fixed plate bracket, without brake.
- **SSL-N**: turning plate bracket, without brake.
- **SSF-N**: 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 1649).





**Conversion Table**  
1 mm = 0.039 inch

D	
mm	inch
100	3.94

**METRIC**

Code	Description	D	l1	l2	l3	H	B	L	s	b1	b2	b3	R	Rolling resistance# [N]	Dynamic carrying capacity# [N]	⚖️
452466	RE.F2-100-PSL-N	100	45	60	40	128	100	85	9	75	80	-	-	3000	2000	690
452426	RE.F2-100-SSL-N	100	45	60	40	128	100	85	9	75	80	37	-	3000	2000	940
452446	RE.F2-100-SSF-N	100	45	60	40	128	100	85	9	75	80	37	120	3000	2000	1080

# For rolling resistance and dynamic carrying capacity see Technical data (on page 1704).