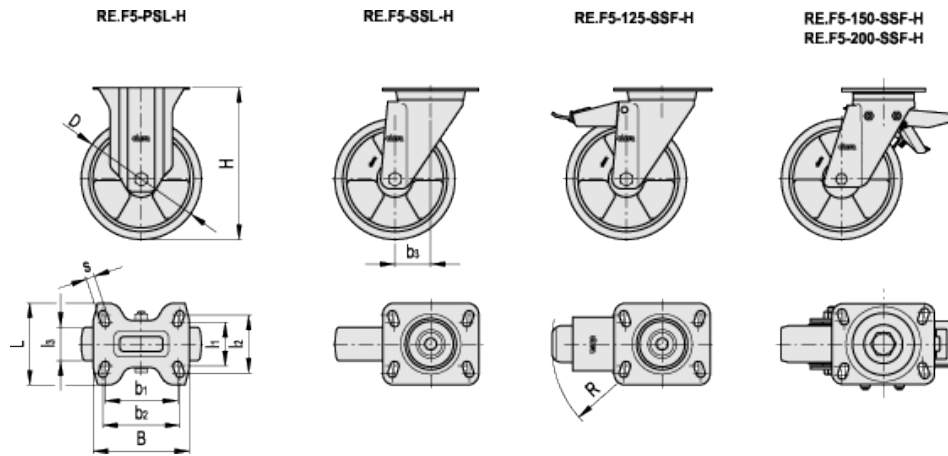


# RE.F5-H



Mould-on polyurethane wheels with steel sheet bracket for medium-heavy loads



Elesa Standards		Main dimensions													Rolling resistance #	Dynamic carrying capacity #	Weight
Code	Description	D	l <sub>3</sub>	H	B	L	s	b <sub>1</sub>	l <sub>1</sub>	b <sub>2</sub>	l <sub>2</sub>	b <sub>3</sub>	R	[N]	[N]	g	
451801	RE.F5-125-PSL-H	125	35	161	100	85	9	75	45	80	60	-	-	2800	3500	970	
451806	RE.F5-150-PSL-H	150	40	200	140	114	11	105	73	105	85	-	-	3300	6000	2190	
451811	RE.F5-200-PSL-H	200	50	250	140	114	11	105	73	105	85	-	-	3600	7500	2480	
451701	RE.F5-125-SSL-H	125	35	161	100	85	9	75	45	80	60	48	-	2800	3500	1390	
451706	RE.F5-150-SSL-H	150	40	200	140	110	11	105	73	105	87	70	-	3300	6000	3180	
451711	RE.F5-200-SSL-H	200	50	250	140	110	11	105	73	105	87	70	-	3600	7500	3940	
451751	RE.F5-125-SSF-H	125	35	161	100	85	9	75	45	80	60	48	120	2800	3500	1540	
451756	RE.F5-150-SSF-H	150	40	200	140	110	11	105	73	105	87	70	146	3300	6000	3750	
451761	RE.F5-200-SSF-H	200	50	250	140	110	11	105	73	105	87	70	146	3600	7500	4510	

# See [Technical Data](#) for rolling resistance and dynamic carrying capacity.

**Covering**  
Mould-on polyurethane, hardness 95 Shore A.

**Wheel centre body**  
Die-cast aluminium.

**Hub and axle set**  
Hub with ball bearings. The axle set is mounted using a calibrated tube processed to obtain an even surface where ball bearings and spacers are inserted. Screw and nut are tightened to lock the spacer and the ball bearings. Ideal solution for heavy loads and continuous moving.

Standard executions

- PSL-H: brakeless wheel with zinc-plated steel fixed plate bracket for medium-heavy loads.
- SSL-H: brakeless wheel with zinc-plated steel turning plate bracket for medium-heavy loads.
- SSF-H: wheel with zinc-plated steel turning plate bracket for medium-heavy loads, with brake.

#### Fixed plate bracket

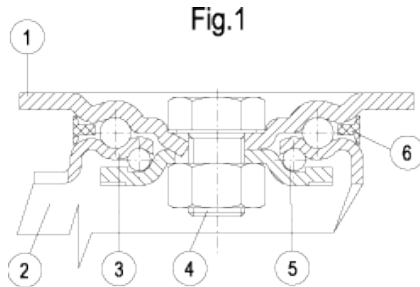
Yellow zinc-plated steel sheet (test in saline fog chamber above 72h). The bracket is designed to withstand loads up to 7500N and ensures capacities that make it suitable for heavy industrial applications.

#### Turning plate bracket

The bracket is designed to withstand loads up to 7500N and ensures capacities that make it suitable for heavy industrial applications (see fig. 1).

It consists of:

- 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 ring of ball;
- 6) dust seal: RAL 7015 dark grey technopolymer.



#### Brake

Front brake (RE.F5-125) or rear brake (RE.F5-150-200) 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.

The braking efficacy may be adjusted with a socket head screw M8.

#### Applications

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

For further information see [RE.F5](#) wheel.



**elesa**

STANDARD MACHINE ELEMENTS WORLDWIDE

ELESA models all rights reserved in accordance with the law. Always mention the source when reproducing our drawings.