

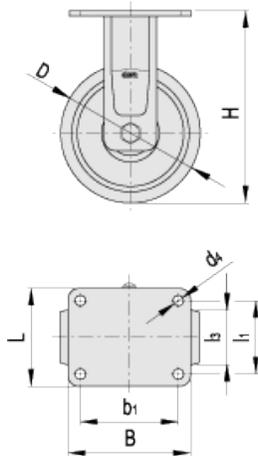
RE.F4-WH



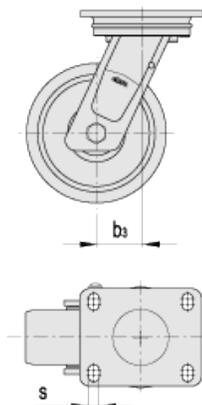
Mould-on polyurethane wheels with electro-welded steel bracket for heavy loads



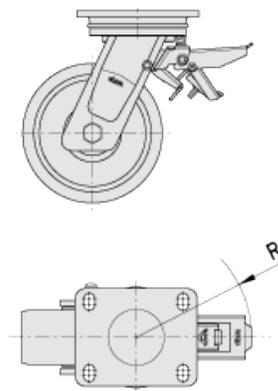
RE.F4-PSL-WH



RE.F4-SSL-WH



RE.F4-SSF-WH



Elesa Standards		Main dimensions											Rolling resistance #	Dynamic carrying capacity #	Weight
Code	Description	D	l ₃	H	B	L	b ₁	l ₁	b ₃	R	d ₄	s	[N]	[N]	g
451465	RE.F4-125-PSL-WH	125	50	182	135	110	105	80	51	157	11	-	2700	5500	4880
451466	RE.F4-150-PSL-WH	150	50	210	135	110	105	80	60	157	11	-	2900	7000	5500
451467	RE.F4-200-PSL-WH	200	50	252	135	110	105	80	70	157	11	-	3800	9000	6770
451425	RE.F4-125-SSL-WH	125	50	182	135	110	105	80	51	157	-	11	2700	5500	4880
451426	RE.F4-150-SSL-WH	150	50	210	135	110	105	80	60	157	-	11	2900	7000	5500
451427	RE.F4-200-SSL-WH	200	50	252	135	110	105	80	70	157	-	11	3800	9000	6770
451446	RE.F4-125-SSF-WH	125	50	182	135	110	105	80	51	157	-	11	2700	5500	4880
451447	RE.F4-150-SSF-WH	150	50	210	135	110	105	80	60	157	-	11	2900	7000	5500
451448	RE.F4-200-SSF-WH	200	50	252	135	110	105	80	70	157	-	11	3800	9000	6770

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

Covering
Mould-on polyurethane, hardness 95 Shore A.

Wheel centre body
Cast iron.

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-WH: brakeless wheel with zinc-plated electro-welded steel fixed plate bracket for heavy loads.
- SSL-WH: brakeless wheel with zinc-plated electro-welded steel turning plate bracket for heavy loads.
- SSF-WH: wheel with zinc-plated electro-welded steel turning plate bracket for heavy loads, with brake.

Fixed plate bracket

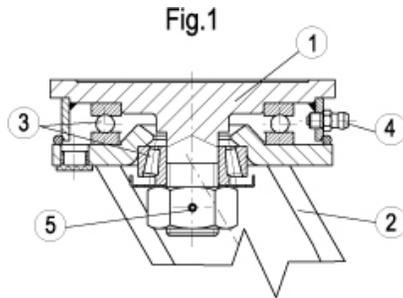
Electrolytically zinc-plated electro-welded steel. The bracket is designed to withstand loads up to 9000N. Suitable for heavy industrial applications and severe conditions of use, as side impact and high speeds.

Turning plate bracket

The presence of an axial bearing and a conical bearing ensures excellent manoeuvrability also at full load and increases the resistance of the bracket against side impact. It is equipped with lubricator and anti-loosening system of the locking nut. The bracket is designed to withstand loads up to 9000N. Suitable for heavy industrial applications and severe conditions of use, as side impact and high speeds.

It consists of (see fig. 1):

- 1) fitting plate: forged steel with built-in pin, electrolytically zinc-plated;
- 2) fork: drawn sides electro-welded to the flange, electrolytically zinc-plated;
- 3) Rotation system: axial ball bearing and conical roller bearing;
- 4) Lubricator;
- 5) Anti-loosening system of the locking nut.



Rear-actuated brake

Dual-effect rear brake 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

Suitable for heavy industrial applications and for severe conditions of use. The mould-on polyurethane wheel ensures excellent rolling resistance and elasticity, high wear and tearing resistance. For further information see [RE.F4](#) wheel.



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