

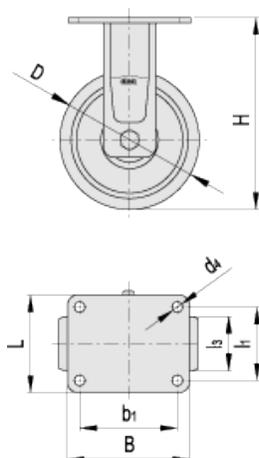
RE.F8-WH



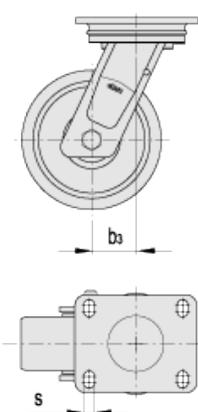
Monolithic wheels
with electro-welded steel bracket
for heavy loads



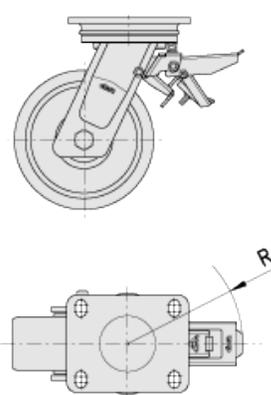
RE.F8-PSL-WH



RE.F8-SSL-WH



RE.F8-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	s	d ₄	[N]	[N]	g
449481	RE.F8-125-PSL-WH	125	45	182	135	110	105	80	51	157	-	11	4000	6500	3510
449482	RE.F8-150-PSL-WH	150	45	210	135	110	105	80	60	157	-	11	4550	7500	3740
449483	RE.F8-200-PSL-WH	200	50	252	135	110	105	80	70	157	-	11	6500	9000	4220
449461	RE.F8-125-SSL-WH	125	45	182	135	110	105	80	51	157	11	-	4000	6500	3510
449462	RE.F8-150-SSL-WH	150	45	210	135	110	105	80	60	157	11	-	4550	7500	3740
449463	RE.F8-200-SSL-WH	200	50	252	135	110	105	80	70	157	11	-	6500	9000	4220
449471	RE.F8-125-SSF-WH	125	45	182	135	110	105	80	51	157	11	-	4000	6500	3510
449472	RE.F8-150-SSF-WH	150	45	210	135	110	105	80	60	157	11	-	4550	7500	3740
449473	RE.F8-200-SSF-WH	200	50	252	135	110	105	80	70	157	11	-	6500	9000	4220

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

Wheel centre body

Polyamide-based technopolymer (PA). Resistant to solvents, oils, greases and other chemical agents.

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 and ensures capacities that make it suitable for heavy industrial applications and for severe conditions of use, as side impact and high speeds.

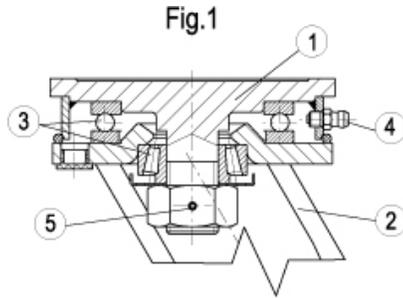
Turning plate bracket

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 for 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, due to loads up to 7500N. The monolithic wheel ensures excellent wear and tearing resistance. For further information see [RE.F8](#) wheel.

