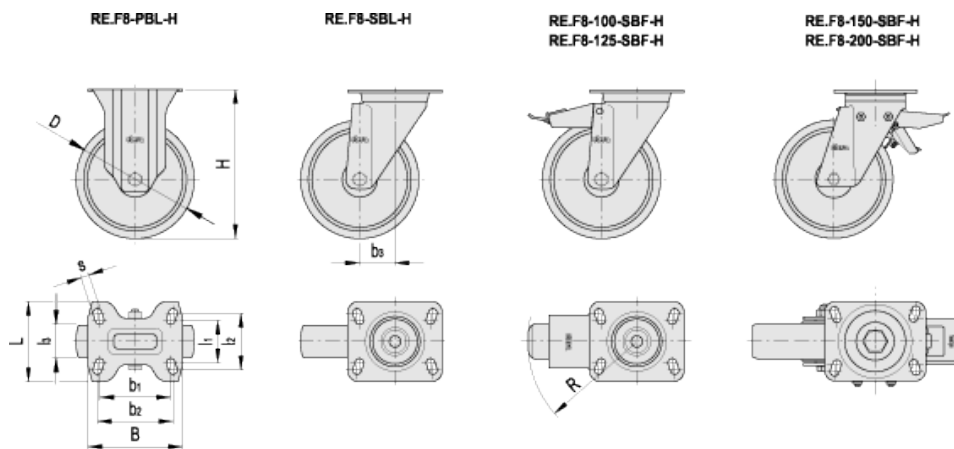


RE.F8-H



Monolithic wheels with steel sheet bracket for medium-heavy loads



Elesa Standards		Main dimensions											Rolling resistance #	Dynamic carrying capacity #	Weight	
Code	Description	D	l ₃	H	B	L	s	b ₁	l ₁	b ₂	l ₂	b ₃	R	[N]	[N]	g
450951	RE.F8-100-PBL-H	100	30	138	100	85	9	75	45	80	60	46	123	1750	3000	990
450952	RE.F8-125-PBL-H	125	38	161	100	85	9	75	45	80	60	48	123	2000	3500	1160
450953	RE.F8-150-PBL-H	150	45	200	140	110	11	105	73	-	87	70	156	2500	5000	2800
450954	RE.F8-200-PBL-H	200	50	250	140	110	11	105	73	-	87	70	156	4550	7300	3110
450931	RE.F8-100-SBL-H	100	30	138	100	85	9	75	45	80	60	46	123	1750	3000	990
450932	RE.F8-125-SBL-H	125	38	161	100	85	9	75	45	80	60	48	123	2000	3500	1160
450933	RE.F8-150-SBL-H	150	45	200	140	110	11	105	73	-	87	70	156	2500	5000	2800
450934	RE.F8-200-SBL-H	200	50	250	140	110	11	105	73	-	87	70	156	4550	7300	3110
450941	RE.F8-100-SBF-H	100	30	138	100	85	9	75	45	80	60	46	123	1750	3000	990
450942	RE.F8-125-SBF-H	125	38	161	100	85	9	75	45	80	60	48	123	2000	3500	1160
450943	RE.F8-150-SBF-H	150	45	200	140	110	11	105	73	-	87	70	156	2500	5000	2800
450944	RE.F8-200-SBF-H	200	50	250	140	110	11	105	73	-	87	70	156	4550	7300	3110

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

Directly made into the centre.

Axle set

Calibrated precision tube. The tube serves as a spacer, is tightened to the bracket with screw and nut to a un predetermined torque value.

The wheel hub rotates onto the tube freely.

Standard executions

- PBL-H: brakeless wheel with zinc-plated steel fixed bracket for medium-heavy loads.
- SBL-H: brakeless wheel with zinc-plated steel turning plate bracket for medium-heavy loads.
- SBF-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. Suitable for heavy industrial applications.

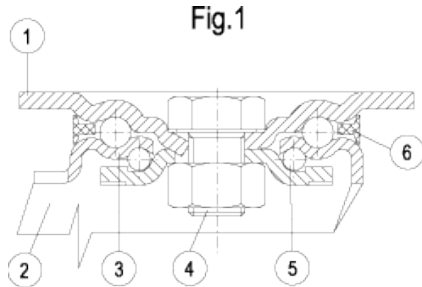
Turning plate bracket

The presence of two ball turns and the direct contact between the plate and the ball race ring with built-in pin ensure excellent manoeuvrability and very limited clearance. Does not require maintenance.

The bracket is designed to withstand loads up to 7500N. 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 ring of balls;
- 6) dust seal: RAL 7015 dark grey technopolymer.



Brake

Front brake (RE.F8-100-125) or rear brake (RE.F8-150-200) 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

Suitable for heavy industrial applications. Excellent wear and tearing resistance. For further information see [RE.F8](#) wheel.



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