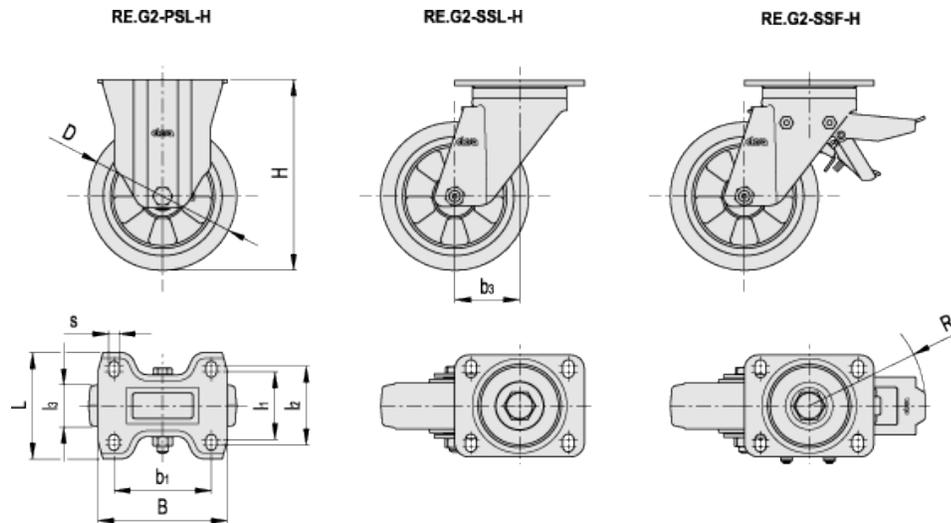


RE.G2-H



Elastic rubber 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	l ₂	b ₃	R	[N]	[N]	g
452785	RE.G2-100-PSL-H	100	40	138	100	85	9	80	60	-	46	-	1800	1800	1310
452786	RE.G2-125-PSL-H	125	50	170	140	110	11	105	73	85	70	-	2300	2300	2300
452787	RE.G2-160-PSL-H	160	50	205	140	110	11	105	73	87	70	126	3000	3000	3570
452788	RE.G2-200-PSL-H	200	50	250	140	110	11	105	73	87	70	126	3000	5000	4460
452775	RE.G2-100-SSL-H	100	40	138	100	85	9	80	60	-	46	-	1800	1800	1310
452776	RE.G2-125-SSL-H	125	50	170	140	110	11	105	73	85	70	-	2300	2300	2300
452777	RE.G2-160-SSL-H	160	50	205	140	110	11	105	73	87	70	126	3000	3000	3570
452778	RE.G2-200-SSL-H	200	50	250	140	110	11	105	73	87	70	126	3000	5000	4460
452781	RE.G2-160-SSF-H	160	50	205	140	110	11	105	73	87	70	126	3000	3000	3570
452782	RE.G2-200-SSF-H	200	50	250	140	110	11	105	73	87	70	126	3000	5000	4460

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

Covering
Elastic rubber, hardness 85 Shore A.

Wheel centre body
Die-cast aluminium.

Hub and axle

Hub with ball bearings. The axle 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.

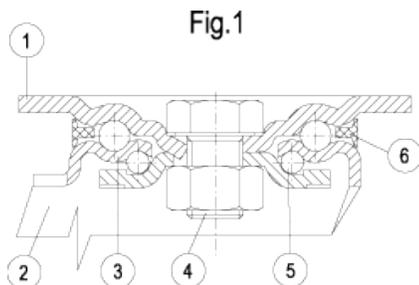
Turning plate bracket

The 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 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 balls;
- 6) dust seal: RAL 7015 dark grey technopolymer.



Rear-actuated brake

Dual-effect rear brake with simultaneous locking of wheel and bracket. 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.

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

Applications

Wear and tearing resistance.

For further information see [RE.G2](#) wheel.



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