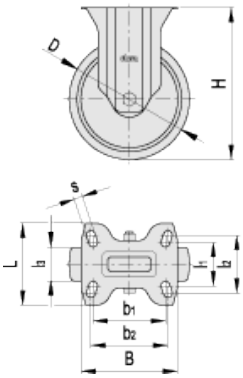
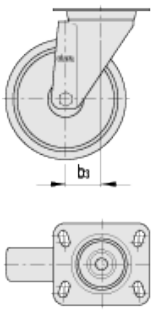
RE.F4-H

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

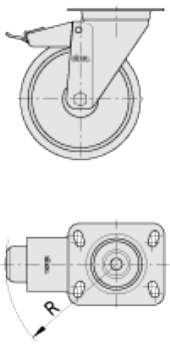
RE.F4-PSL-H



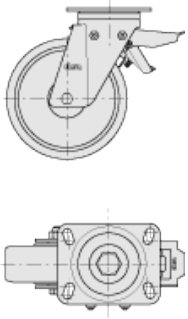
RE.F4-SSL-H



RE.F4-100-SSF-H



RE.F4-125-SSF-H
RE.F4-150-SSF-H
RE.F4-200-SSF-H



Elesa Standards		Main dimensions												Rolling resistance #	Dynamic carrying capacity #	Weight
Code	Description	D	l_3	H	B	L	s	b_1	b_2	l_1	l_2	b_3	R	[N]	[N]	g
451461	RE.F4-100-PSL-H	100	38	138	100	85	9	75	80	45	60	46	123	2200	3500	1930
451462	RE.F4-125-PSL-H	125	50	170	140	110	11	105	-	73	87	70	126	2700	5500	3660
451463	RE.F4-150-PSL-H	150	50	200	140	110	11	105	-	73	87	70	126	2900	7000	4810
451464	RE.F4-200-PSL-H	200	50	250	140	110	11	105	-	73	87	70	126	3800	7500	6060
451421	RE.F4-100-SSL-H	100	38	138	100	85	9	75	80	45	60	46	123	2200	3500	1930
451422	RE.F4-125-SSL-H	125	50	170	140	110	11	105	-	73	87	70	126	2700	5500	3660
451423	RE.F4-150-SSL-H	150	50	200	140	110	11	105	-	73	87	70	126	2900	7000	4810
451424	RE.F4-200-SSL-H	200	50	250	140	110	11	105	-	73	87	70	126	3800	7500	6060
451441	RE.F4-100-SSF-H	100	38	138	100	85	9	75	80	45	60	46	123	2200	3500	1930
451442	RE.F4-125-SSF-H	125	50	170	140	110	11	105	-	73	87	70	126	2700	5500	3660
451443	RE.F4-150-SSF-H	150	50	200	140	110	11	105	-	73	87	70	126	2900	7000	4810
451444	RE.F4-200-SSF-H	200	50	250	140	110	11	105	-	73	87	70	126	3800	7500	6060

See Technical Data for rolling resistance and dynamic carrying capacity.

Covering
Mould-on polyurethane, hardness 95 Shore A.

Wheel centre body
Cast iron.

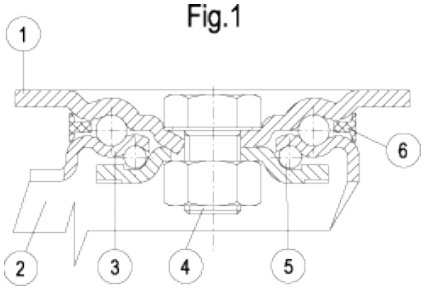
Hub and axle set
Hub with ball bearings. The axle set is mounted using a calibrated tube processed to obtain an even surface where ball bearings and spacers are inserted. Screw and nut are tightened to lock the spacer and the ball bearings. Ideal solution for heavy loads and continuous moving.

Standard executions
- PSL-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.
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.

Fig.1



Brake
Front brake (RE.F4-100) or rear brake (RE.F4-125-150-200) 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. The mould-on polyurethane wheel ensures excellent rolling resistance and elasticity, high wear and tearing resistance.
For further information see RE.F4 wheel.