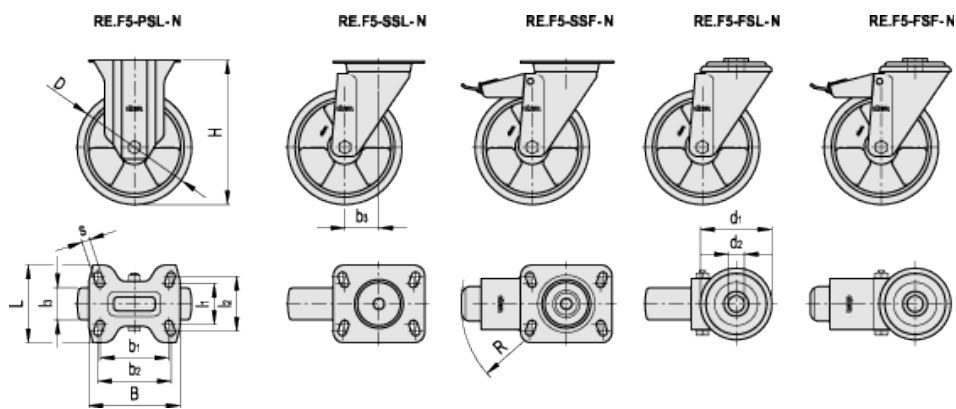


# RE.F5-N



Mould-on polyurethane wheels with steel sheet bracket



Elesa Standards		Main dimensions													Rolling resistance #	Dynamic carrying capacity #	Weight	
Code	Description	D	l <sub>3</sub>	H	B	L	s	b <sub>1</sub>	l <sub>1</sub>	b <sub>2</sub>	l <sub>2</sub>	b <sub>3</sub>	R	d <sub>1</sub>	d <sub>2</sub>	[N]	[N]	g
451651	RE.F5-080-PSL-N	80	25	107	100	85	9	75	45	80	60	-	-	-	-	1500	2000	520
451656	RE.F5-100-PSL-N	100	30	128	100	85	9	75	45	80	60	-	-	-	-	2250	2000	690
451661	RE.F5-125-PSL-N	125	35	156	100	85	9	75	45	80	60	-	-	-	-	2800	2200	890
451666	RE.F5-150-PSL-N	150	40	194	140	110	11	105	73	105	87	-	-	-	-	3300	3000	2040
451671	RE.F5-200-PSL-N	200	50	240	140	110	11	105	73	105	87	-	-	-	-	3600	3000	2760
451551	RE.F5-080-SSL-N	80	25	107	100	85	9	75	45	80	60	39	-	-	-	1500	2000	720
451556	RE.F5-100-SSL-N	100	30	128	100	85	9	75	45	80	60	35	-	-	-	2250	2000	940
451561	RE.F5-125-SSL-N	125	35	156	100	85	9	75	45	80	60	37	-	-	-	2800	2200	1140
451565	RE.F5-150-SSL-N	150	40	194	140	110	11	105	73	105	87	56	-	-	-	3300	3000	2340
451571	RE.F5-200-SSL-N	200	50	240	140	110	11	105	73	105	87	56	-	-	-	3600	3000	3050
451601	RE.F5-080-SSF-N	80	25	107	100	85	9	75	45	80	60	39	120	-	-	1500	2000	910
451606	RE.F5-100-SSF-N	100	30	125	100	85	9	75	45	80	60	35	120	-	-	2250	2000	1080
451611	RE.F5-125-SSF-N	125	35	156	100	85	9	75	45	80	60	37	120	-	-	2800	2200	1280
451615	RE.F5-150-SSF-N	150	40	194	140	110	11	105	73	105	87	56	156	-	-	3300	3000	2630
451621	RE.F5-200-SSF-N	200	50	240	140	110	11	105	73	105	87	56	156	-	-	3600	3000	3250
451851	RE.F5-080-FSL-N	80	25	107	-	-	-	-	-	-	-	-	39	73	12	1500	2000	650

Elesa Standards		Main dimensions												Rolling resistance #	Dynamic carrying capacity #	Weight		
Code	Description	D	l <sub>3</sub>	H	B	L	s	b <sub>1</sub>	l <sub>1</sub>	b <sub>2</sub>	l <sub>2</sub>	b <sub>3</sub>	R	d <sub>1</sub>	d <sub>2</sub>	[N]	[N]	g
451856	RE.F5-100-FSL-N	100	30	128	-	-	-	-	-	-	-	35	-	73	12	2250	2000	880
451861	RE.F5-125-FSL-N	125	35	156	-	-	-	-	-	-	-	37	-	73	12	2800	2200	1080
451866	RE.F5-150-FSL-N	150	40	194	-	-	-	-	-	-	-	56	-	102	20	3300	3000	2200
451871	RE.F5-200-FSL-N	200	50	240	-	-	-	-	-	-	-	56	-	102	20	3600	3000	2950
451901	RE.F5-080-FSF-N	80	25	107	-	-	-	-	-	-	-	39	120	73	12	1500	2000	780
451906	RE.F5-100-FSF-N	100	30	128	-	-	-	-	-	-	-	35	120	73	12	2250	2000	1020
451911	RE.F5-125-FSF-N	125	35	156	-	-	-	-	-	-	-	37	120	73	12	2800	2200	1230
451916	RE.F5-150-FSF-N	150	40	194	-	-	-	-	-	-	-	56	156	102	20	3300	3000	2490
451921	RE.F5-200-FSF-N	200	50	240	-	-	-	-	-	-	-	56	156	102	20	3600	3000	3240

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

#### Covering

Mould-on polyurethane, hardness 95 Shore A.

#### Wheel centre body

Die-cast aluminium.

#### 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-N: brakeless wheel with zinc-plated steel fixed plate bracket.
- SSL-N: brakeless wheel with zinc-plated steel turning plate bracket.
- SSF-N: wheel with zinc-plated steel turning plate bracket, with brake.
- FSL-N: brakeless wheel with zinc-plated steel turning plate bracket and centre pass-through hole.
- FSF-N: wheel with zinc-plated steel turning plate bracket and centre pass-through hole, with brake.

#### Fixed plate bracket

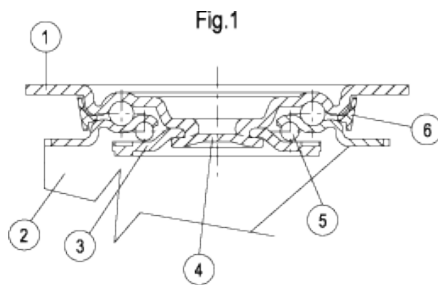
Zinc-plated steel sheet, the bracket is designed to withstand loads up to 3000N.

#### Turning plate bracket

Zinc-plated steel sheet, the bracket is designed to withstand loads up to 3000N. 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 (see fig. 1). Does not require maintenance.

It consists of:

- 1) fitting plate: electrolytically zinc-plated steel sheet;
- 2) fork: electrolytically zinc-plated steel sheet;
- 3) ball race ring: electrolytically zinc-plated steel sheet;
- 4) central pin: incorporated in the plate, cold reformed;
- 5) rotation system: dual grease-lubricated ring of balls;
- 6) dust seal: RAL 7015 dark grey technopolymer.



#### Front-actuated brake

Total brake that locks the wheel and bracket rotation. The optimised dimensions and the retractable pedal ensure minimal space occupied and maximum actuation ease. Hardened carbon steel spring.

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

Excellent rolling resistance and elasticity, high wear and tearing resistance.

For further information see [RE.F5](#) wheel.



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