

METRIC

**WHEEL BODY**

Polyamide based (PA) technopolymer, white color or blue color RAL 5005 (C55).

**ROLLING ACTION**

Hub with pass-through hole.

**FIXED PLATE BRACKET**

AISI 304 stainless steel sheet, the bracket is designed to withstand loads up to 3000N.

**TURNING PLATE BRACKET**

AISI 304 stainless steel sheet, the bracket is designed to withstand loads up to 3000N. The presence of a double ball race and direct contact between the plate and the ball race ring with built-in pin ensure excellent manoeuvrability. Does not require maintenance. It consists of (see Fig.1):



1. fitting plate: AISI 304 stainless steel sheet;
2. fork: AISI 304 stainless steel sheet;
3. ball race ring: AISI 304 stainless steel sheet;
4. central pin: incorporated in the plate, cold reflanged;
5. rotation system: dual grease-lubricated ball race;
6. dust seal: blue technopolymer, available only for SBL and SBF executions.

**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. Stainless steel spring.

**STANDARD EXECUTIONS**

- **PBL**: fixed plate bracket, without brake.
- **SBL**: turning plate bracket, without brake.
- **SBF**: turning plate bracket, with brake.
- **FBL**: turning plate bracket and centre pass-through hole, without brake.
- **FBF**: turning plate bracket and centre pass-through hole, with brake.

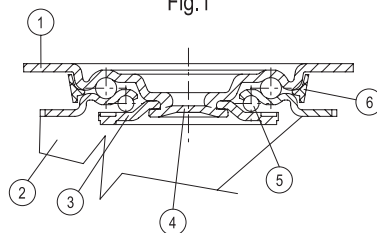
**FEATURES AND APPLICATIONS**

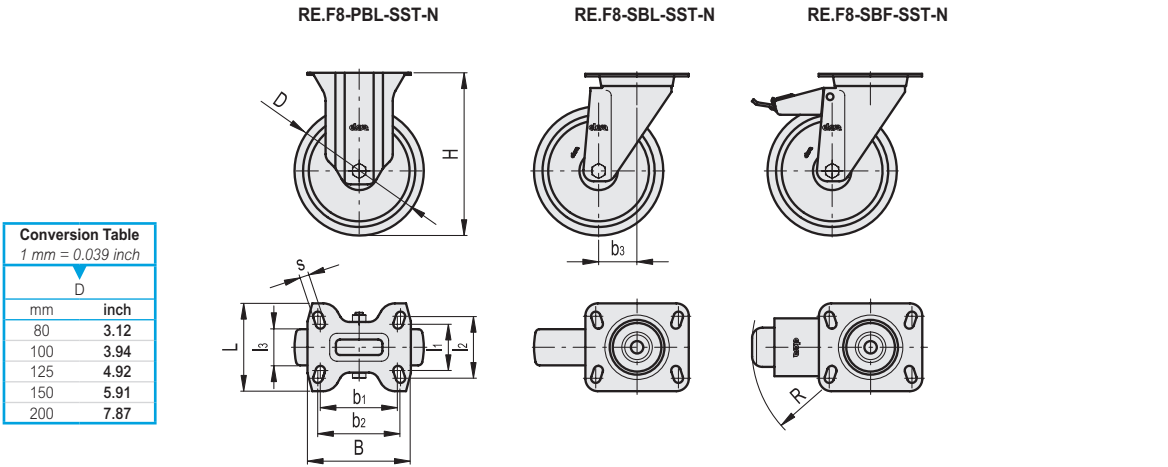
Excellent wear and tearing resistance. For further information see wheel technical data sheet RE.F8 (see page 1265).

The RAL 5005 blue colour is easily visible in case of accidental food contamination.



Fig.1





RE.F8-PBL-SST-N

Code	Description	INOX STAINLESS STEEL METRIC										Rolling resistance# [N]	Dynamic carrying capacity# [N]	
		D	I1	I2	I3	H	B	L	s	b1	b2			
450801	RE.F8-080-PBL-SST-N	80	45	60	30	107	100	85	9	75	80	1500	1800	290
450801-C55	RE.F8-080-PBL-SST-N-C55	80	45	60	30	107	100	85	9	75	80	1500	1800	290
450806	RE.F8-100-PBL-SST-N	100	45	60	30	128	100	85	9	75	80	1750	2000	360
450806-C55	RE.F8-100-PBL-SST-N-C55	100	45	60	30	128	100	85	9	75	80	1750	2000	360
450811	RE.F8-125-PBL-SST-N	125	45	60	38	156	100	85	9	75	80	2000	2200	630
450811-C55	RE.F8-125-PBL-SST-N-C55	125	45	60	38	156	100	85	9	75	80	2000	2200	630
450813	RE.F8-150-PBL-SST-N	150	73	87	45	194	140	110	11	105	105	2500	3000	1350
450816	RE.F8-200-PBL-SST-N	200	73	87	50	240	140	110	11	105	105	3150	3000	1740

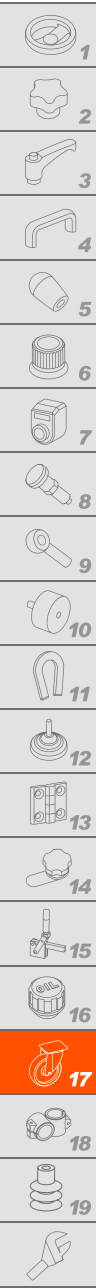
RE.F8-SBL-SST-N

Code	Description	INOX												Rolling resistance# [N]	Dynamic carrying capacity# [N]	
		D	I1	I2	I3	H	B	L	s	b1	b2	b3				
450701	RE.F8-080-SBL-SST-N	80	45	60	30	107	100	85	9	75	80	40	1500	1800	550	
450701-C55	RE.F8-080-SBL-SST-N-C55	80	45	60	30	107	100	85	9	75	80	40	1500	1800	550	
450706	RE.F8-100-SBL-SST-N	100	45	60	30	128	100	85	9	75	80	35	1750	2000	610	
450706-C55	RE.F8-100-SBL-SST-N-C55	100	45	60	30	128	100	85	9	75	80	35	1750	2000	610	
450711	RE.F8-125-SBL-SST-N	125	45	60	38	156	100	85	9	75	80	37	2000	2200	780	
450711-C55	RE.F8-125-SBL-SST-N-C55	125	45	60	38	156	100	85	9	75	80	37	2000	2200	780	
450713	RE.F8-150-SBL-SST-N	150	73	87	45	194	140	110	11	105	105	56	2500	3000	1650	
450716	RE.F8-200-SBL-SST-N	200	73	87	50	240	140	110	11	105	105	56	3150	3000	2015	

RE.F8-SBF-SST-N

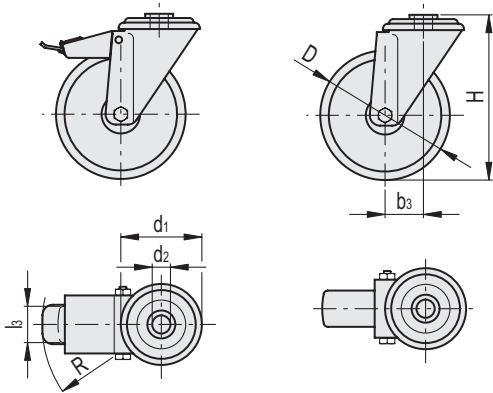
Code	Description	INOX													Rolling resistance# [N]	Dynamic carrying capacity# [N]	
		D	I1	I2	I3	H	B	L	s	b1	b2	b3	R				
450751	RE.F8-080-SBF-SST-N	80	45	60	30	107	100	85	9	75	80	40	120	1500	1800	730	
450751-C55	RE.F8-080-SBF-SST-N-C55	80	45	60	30	107	100	85	9	75	80	40	120	1500	1800	730	
450756	RE.F8-100-SBF-SST-N	100	45	60	30	128	100	85	9	75	80	35	120	1750	2000	760	
450756-C55	RE.F8-100-SBF-SST-N-C55	100	45	60	30	128	100	85	9	75	80	35	120	1750	2000	760	
450761	RE.F8-125-SBF-SST-N	125	45	60	38	156	100	85	9	75	80	37	120	2000	2200	950	
450761-C55	RE.F8-125-SBF-SST-N-C55	125	45	60	38	156	100	85	9	75	80	37	120	2000	2200	950	
450763	RE.F8-150-SBF-SST-N	150	73	87	45	194	140	110	11	105	105	56	156	2500	3000	1935	
450766	RE.F8-200-SBF-SST-N	200	73	87	50	240	140	110	11	105	105	56	156	3150	3000	2300	

For rolling resistance and dynamic carrying capacity see Technical data (on page 1296).



RE.F8-FBL-SST-N

RE.F8-FBF-SST-N



Conversion Table	
1 mm = 0.039 inch	
D	
mm	inch
80	3.12
100	3.94
125	4.92
150	5.91
200	7.87

RE.F8-FBL-SST-N

INOX STAINLESS STEEL METRIC

Code	Description	D	d1	d2	l3	H	b3	Rolling resistance# [N]	Dynamic carrying capacity# [N]	⚖
450851	RE.F8-080-FBL-SST-N	80	73	12	30	107	40	1500	1800	500
450851-C55	RE.F8-080-FBL-SST-N-C55	80	73	12	30	107	40	1500	1800	500
450856	RE.F8-100-FBL-SST-N	100	73	12	30	128	35	1750	2000	610
450856-C55	RE.F8-100-FBL-SST-N-C55	100	73	12	30	128	35	1750	2000	610
450861	RE.F8-125-FBL-SST-N	125	73	12	38	156	37	2000	2200	790
450861-C55	RE.F8-125-FBL-SST-N-C55	125	73	12	38	156	37	2000	2200	790
450863	RE.F8-150-FBL-SST-N	150	102	20	45	188	56	2500	3000	1447
450866	RE.F8-200-FBL-SST-N	200	102	20	50	236	56	3150	3000	1930

RE.F8-FBF-SST-N

INOX STAINLESS STEEL

Code	Description	D	d1	d2	l3	H	b3	R	Rolling resistance# [N]	Dynamic carrying capacity# [N]	⚖
450901	RE.F8-080-FBF-SST-N	80	73	12	30	107	40	120	1500	1800	500
450901-C55	RE.F8-080-FBF-SST-N-C55	80	73	12	30	107	40	120	1500	1800	680
450906	RE.F8-100-FBF-SST-N	100	73	12	30	128	35	120	1750	2000	790
450906-C55	RE.F8-100-FBF-SST-N-C55	100	73	12	30	128	35	120	1750	2000	790
450911	RE.F8-125-FBF-SST-N	125	73	12	38	156	37	120	2000	2200	930
450911-C55	RE.F8-125-FBF-SST-N-C55	125	73	12	38	156	37	120	2000	2200	930
450913	RE.F8-150-FBF-SST-N	150	102	20	45	188	56	156	2500	3000	1752
450916	RE.F8-200-FBF-SST-N	200	102	20	50	236	56	156	3150	3000	2215

For rolling resistance and dynamic carrying capacity see Technical data (on page 1296).