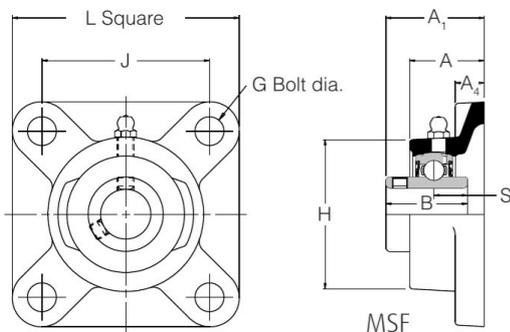


# Self-Lube cast iron flange bearing units

## MSF Series

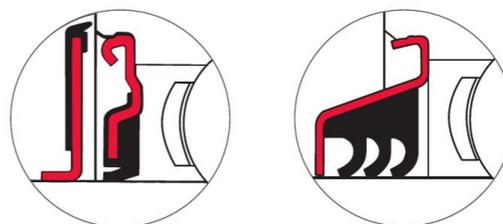


Shaft diameter		RHP designation	Basic bearing insert	Casting group	Dimensions (mm)		
mm	inches				L	H	J
25		MSF25	1030	1	108.0	82.6	82.50
	1	MSF1					
30		MSF30	1035	2	117.5	95.3	92.00
	1 3/16	MSF1 3/16					
	1 1/4	MSF1 1/4					
35		MSF35	1040	3	130.2	101.6	101.50
	1 3/8	MSF1 3/8					
	1 7/16	MSF1 7/16					
40		MSF40	1045	4	136.5	111.1	105.00
	1 1/2	MSF1 1/2					
45		MSF45	1050	5	142.9	115.9	111.00
	1 11/16	MSF1 11/16					
	1 3/4	MSF1 3/4					
50		MSF50	1055	6	161.9	122.5	130.00
	1 7/8	MSF1 7/8					
	1 15/16	MSF1 15/16					
	2	MSF2					
55		MSF55	1060	7	174.5	135.5	143.00
	2 3/16	MSF2 3/16					
	2 1/4	MSF2 1/4					
60		MSF60	1070	8	187.6	155.5	149.22
	2 7/16	MSF2 7/16					
	2 1/2	MSF2 1/2					
65		MSF65	1075	9	196.5	158.5	152.40
70		MSF70					
	2 11/16	MSF2 11/16					
	2 3/4	MSF2 3/4					
75		MSF75	1080	10	196.5	173.5	152.40
	2 15/16	MSF2 15/16					
	3	MSF3					
80		MSF80	1085	11	213.5	184.0	171.45
	3 3/16	MSF3 3/16					
	3 1/4	MSF3 1/4					
85		MSF85	1090	12	213.5	196.5	171.45
90		MSF90					
	3 7/16	MSF3 7/16					
	3 1/2	MSF3 1/2					
95		MSF95	3095	13	267.5	235.5	211.12
100		MSF100					
	3 15/16	MSF3 15/16					
	4	MSF4					

Please check availability

Bearing inserts with flinger seals shown on pages 89 and 90 can be fitted into these housings. The unit reference has the suffix 'FS', e.g. MSF35FS.

Triple seal bearing inserts shown on pages 86 to 88 can be fitted into these housings. The unit reference has a prefix 'T', e.g. TMSF35.



G	Dimensions (mm)					ISO Load ratings		Rec. max. speed rev/min	Mass (approx.) kg
	A	A1	A4	B	s	dynamic Cr newtons	static Cor newtons		
10	29.8	42.21	12.7	38.10	15.93	19500	11300	5300	1.3
12	31.4	46.41	12.7	42.90	17.53	25700	15300	4500	1.7
12	34.9	54.18	12.7	49.20	19.03	32500	19900	4000	2.2
16	35.3	54.18	14.3	49.20	19.03	32500	20500	3700	2.6
16	39.7	60.53	14.3	51.60	19.04	35000	23200	3400	2.8
16	43.7	64.31	17.5	55.60	22.24	43500	29200	3100	4.0
16	47.6	73.69	17.5	65.10	25.44	48000	33000	2800	4.7
16	47.6	77.20	18.0	74.60	30.24	61000	45000	2450	6.8
20	51.3	80.90	23.0	77.80	33.34	66000	49500	2300	8.6
20	55.0	88.87	23.0	82.60	33.34	71500	54500	2150	9.3
20	54.3	89.64	26.0	85.70	34.15	83000	64000	2000	11.1
20	61.7	100.76	26.0	96.00	39.74	96000	71500	1900	13.2
24	83.5	126.95	32.0	117.48	49.31	157000	122000	1600	24.7