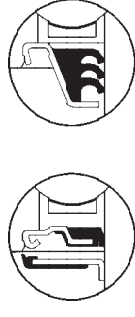
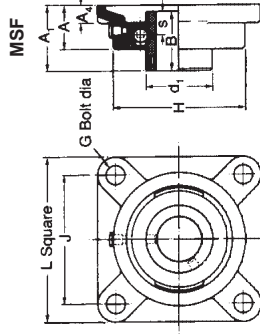


**MSF SERIES**



Bearing inserts with flinger seals shown on pages 91 and 92 can be fitted into these housings. The unit reference has the suffix 'FS' e.g. MSF35FS.

Triple seal bearing inserts shown on pages 88 to 90 can be fitted into these housings. The unit reference has a prefix 'T', e.g. TMSF35.



Shaft diameter	RHP designation	Basic bearing insert	Casting group	Dimensions								
				L	H	J	G	A	A1	A4	B	
mm	inches			mm	inches							
25	MSF25	1030	1	108.0	82.6	82.50	10	29.8	42.21	12.7	38.10	
1	MSF1			4.252	3.252	3.248	7/16	1.173	1.662	500	1.500	
30	MSF30	1035	2	117.5	95.3	92.0	12	31.4	46.41	12.7	42.88	
1 3/16	MSF13/16			4.626	3.752	3.622	1/2	1.236	1.827	500	1.688	
1/4	MSF1/4											
35	MSF35	1040	3	130.2	101.6	101.50	12	34.9	54.18	12.7	49.23	
1 3/8	MSF13/8			5.126	4.000	3.996	1/2	1.374	2.133	500	1.938	
1 7/16	MSF17/16											
40	MSF40	1045	4	136.5	111.1	105.00	16	35.3	54.18	14.3	49.23	
1 1/2	MSF1 1/2			5.374	4.374	4.134	5/8	1.390	2.133	563	1.938	
45	MSF45	1050	5	142.9	115.9	111.00	16	39.7	60.53	14.3	51.59	
1 11/16	MSF1 11/16			5.626	4.563	4.370	5/8	1.563	2.383	563	2.031	
1 3/4	MSF1 3/4											
50	MSF50	1055	6	161.9	127.0	130.00	16	43.7	64.31	17.5	55.55	
1 7/8	MSF1 7/8			6.374	5.000	5.118	5/8	1.720	2.532	689	2.187	
1 5/8	MSF1 5/8											
2	MSF2											
55	MSF55	1060	7	174.5	138.1	143.00	16	47.6	73.69	17.5	65.07	
2 1/16	MSF2 1/16			6.870	5.437	5.630	5/8	1.874	2.901	689	2.562	
2 1/4	MSF2 1/4											
60	MSF60	1070	8	187.55	155.5	149.22	16	47.6	77.2	18.0	74.63	
2 7/16	MSF2 7/16			7.382	6.122	5.875	5/8	1.874	3.060	709	2.938	
2 1/2	MSF2 1/2											
65	MSF65	1075	9	196.5	158.5	152.40	20	51.3	80.90	23.0	77.77	
2 11/16	MSF2 11/16			7.736	6.240	6.000	3/4	2.020	3.185	960	3.062	
70	MSF70											
2 1/4	MSF2 1/4											
75	MSF75	1080	10	196.5	173.5	152.40	20	55.0	88.87	23.0	82.55	
2 5/8	MSF2 5/8			7.736	6.831	6.000	3/4	2.165	3.499	906	3.250	
3	MSF3											
80	MSF80	1085	11	213.5	184.0	171.45	20	54.3	89.64	26.0	85.72	
3 1/8	MSF3 1/8			8.406	7.244	6.750	3/4	2.138	3.529	1.024	3.375	
3 1/4	MSF3 1/4											
85	MSF85	1090	12	213.5	184.0	171.45	20	61.7	100.76	26	96.04	
3 3/8	MSF3 3/8			8.406	7.736	6.750	3/4	2.429	3.967	1.024	3.781	
3 1/2	MSF3 1/2											
95	MSF95	3095	13	267.5	235.5	211.12	24	83.5	126.95	32.0	117.48	
100	MSF100			10.531	9.272	8.312	1	3.287	4.998	1.260	4.625	
3 5/8	MSF3 5/8											
4	MSF4											

Please check availability

s	d1	ISO load ratings		Rec. max. speed	Mass (approx.)
		C <sub>r</sub>	C <sub>or</sub>		
mm	inches	newtons	newtons	rev/min	kg
		lbf	lbf		lb
15.93	40.00	19500	11300	5300	1.3
.627	1.575	4380	2540		2.9
17.53	46.69	25700	15300	4500	1.7
.690	1.838	5780	3440		3.7
19.10	52.70	29100	17900	4000	2.2
.752	2.075	6540	4020		4.9
19.10	57.30	32500	20500	3700	2.6
.752	2.256	7310	4610		5.7
19.10	62.20	35000	23200	3400	2.8
.752	2.449	7870	5220		6.2
22.28	68.81	43500	29200	3100	4.0
.877	2.709	9780	6560		8.8
25.45	75.34	52500	35900	2800	4.7
1.002	2.966	11800	8070		10.3
30.23	87.00	62000	44000	2450	6.8
1.190	3.425	13940	9890		15.0
33.37	92.00	66000	49300	2300	8.6
1.314	3.622	14840	11080		19.0
33.37	98.50	72500	53000	2150	9.3
1.314	3.878	16300	11910		20.6
34.18	106.02	83500	63800	2000	11.1
1.346	4.174	18770	14340		24.5
39.73	111.66	96000	71500	1900	13.2
1.564	4.396	21560	16070		29.1
49.27	130.43	143000	110000	1600	24.7
1.940	5.135	32150	24730		54.5