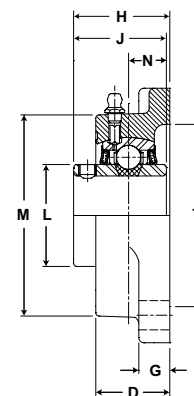
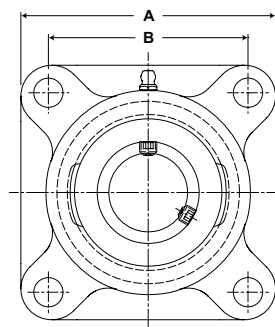


SEALMASTER® Performance Mounted Ball Bearings



Duty: Medium
Rolling Elements: Ball
Housing: Cast Iron Four Bolt Flange
Self Alignment: +/- 2 Degrees
Lock: Setscrew
Seal: Felt
Optional Seal: Contact
Temperature: -20° to 220°F



MSF Series Medium Duty Four-Bolt Flange Units - Setscrew Locking

Bore Diameter		Part No.	Bearing Insert No.	Basic Dynamic Rating lb/N	Dimensions inch / mm										Bolt Size	Unit Wt. lb/kg
inch	mm				A	B*	D	G	H	J	N	L	M	T Core		
15/16 1	25	MSF-15 MSF-16 MSF-305	3-015 3-1 5305	4381 19487	4 1/4 108.0	3 1/4 82.6	1 11/64 29.8	17/32 13.5	1 9/16 39.7	1 1/2 38.1	5/8 15.9	1 19/32 40.5	3 7/32 81.8	2 7/8 73.0	7/16	3.6 1.63
1 3/16 1 1/4	30	MSF-19 MSF-20 MSF-306	3-13 2-14 5306	5782 25718	4 5/8 117.5	3 5/8 92.1	1 11/32 34.1	9/16 14.3	1 3/4 44.5	1 11/16 42.9	11/16 17.5	1 55/64 47.2	3 23/32 94.5	3 5/16 84.1	1/2	4.1 1.86
1 7/16	35	MSF-23 MSF-307	3-17 5307	7340 32648	5 1/8 130.2	4 101.6	1 1/2 38.1	9/16 14.3	2 1/64 51.2	1 15/16 49.2	3/4 19.1	2 1/16 52.4	4 5/64 103.6	3 1/2 88.9	1/2	5.5 2.49
1 1/2	40	MSF-24 MSF-308	3-18 5308	7901 35144	5 3/8 136.5	4 1/8 104.8	1 9/16 39.7	9/16 14.3	2 3/64 52.0	1 15/16 49.2	3/4 19.1	2 19/64 58.3	4 21/64 109.9	3 7/8 98.4	9/16	6.0 2.72
1 11/16 1 3/4	45	MSF-27 MSF-28 MSF-309	3-111 3-112 5309	7889 35090	5 5/8 142.9	4 3/8 111.1	1 9/16 39.7	9/16 14.3	2 5/32 54.8	2 1/32 51.6	3/4 19.1	2 15/32 62.7	4 33/64 114.7	4 101.6	9/16	6.8 3.08
1 15/16 2	50	MSF-31 MSF-32 MSF-310	3-115 2-2 5310	9752 43377	6 3/8 161.9	5 1/8 130.2	1 3/4 44.5	13/16 20.6	2 5/16 58.7	2 3/16 55.6	7/8 22.2	2 23/32 69.1	5 3/16 131.8	4 1/4 108.0	5/8	10.5 4.76
2 3/16 2 1/4	55	MSF-35 MSF-36 MSF-311	3-23 2-24 5311	11789 52437	6 7/8 174.6	5 5/8 142.9	1 15/16 49.2	13/16 20.6	2 11/16 68.3	2 9/16 65.1	1 25.4	2 63/64 75.8	5 7/16 138.1	5 127.0	5/8	12.1 5.49
2 7/16 2 1/2	65	MSF-39 MSF-40 MSF-313	3-27 3-28 5313	13971 62143	7 3/8 187.3	5 7/8 149.2	2 5/16 58.7	11/16 17.5	3 76.2	2 3/4 69.9	1 1/16 27.0	3 7/16 87.3	6 1/8 155.6	5 10/77 130.3	5/8	16.4 7.44
2 11/16	70	MSF-43 MSF-314	3-211 5314	14839 66004	7 3/4 196.9	6 152.4	2 3/8 60.3	1 25.4	3 3/16 81.0	3 1/16 77.8	1 5/16 33.3	3 41/64 92.5	6 1/2 165.1	5 22/25 149.4	3/4	20.6 9.34
2 15/16 3	75	MSF-47 MSF-48 MSF-315	3-215 3-3 5315	17412 77449	7 3/4 196.9	6 152.4	2 11/16 68.3	7/8 22.2	3 1/2 88.9	3 1/4 82.6	1 5/16 33.3	3 59/64 99.6	6 3/4 171.5	5 14/25 141.2	3/4	21.4 9.71
3 3/16 3 1/4	80	MSF-51 MSF-52 MSF-316	3-33 2-34 5316	18681 83093	8 7/16 214.3	6 3/4 171.5	2 3/4 69.9	1 25.4	3 17/32 89.7	3 3/8 85.7	1 11/32 34.1	4 5/32 105.6	7 1/4 184.2	6 152.4	3/4	26.7 12.11
3 7/16 3 1/2		MSF-55 MSF-56	3-37 3-38	21566 95926	8 7/16 214.3	6 3/4 171.5	3 76.2	1 25.4	3 31/32 100.8	3 25/32 96.0	1 9/16 39.7	4 25/64 111.5	7 3/4 196.9	6 22/71 160.3	7/8	30.0 13.61
3 15/16 4	100	MSF-63 MSF-64 MSF-320	3-315 3-4 5320	29905 133017	10 9/16 268.3	8 5/16 211.1	3 13/16 96.8	1 1/4 31.8	5 127.0	4 5/8 117.5	1 15/16 49.2	5 11/64 131.4	9 1/4 235.0	7 11/25 189.0	1	55.1 24.99
4 7/16 4 15/16		MSFD-71 MSFD-79	3-47D 3-415D	37482 166720	12 3/4 323.9	10 254.0	4 3/4 120.7	1 9/16 39.7	6 152.4	5 3/4 146.1	2 7/8 73.0	6 11/32 161.1	11 1/2 292.1	9 1/2 241.3	1 1/4 32	115.0 52.16

Units MSFD-71 and MSFD-79 are equipped with four set screws: two on each end of inner race extensions.

Units MSFD-71 and MSFD-79 are not available with contact seal.

*To obtain bolt circle, multiply B x 1.414".

For Medium Duty Bearing Inserts-Single Lock see page G-95.

For Medium Duty Bearing Inserts-Double Lock see page G-97.

Metric dimensions for reference only.

Not all parts are available from stock. Please contact customer service for availability (800) 626-2120.

For more information on bearing capabilities outside of our standard offering, please contact Application Engineering (800) 626-2093.