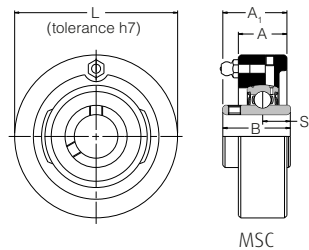


Self-Lube cast iron cartridge bearing units

MSC Series



For housing tolerances
to suit outside dia 'L' see
page 19

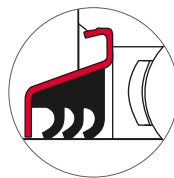
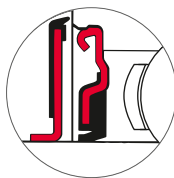
Shaft diameter		RHP designation	Basic bearing insert	Casting group	Dimensions (mm)	
mm	inches				L	A
25		MSC25	1030	1	88.925	27.78
30		**				
	1	MSC1				
35		**	1035	2	98.450	30.96
	1 3/16	MSC1 3/16				
	1 1/4	**				
40		**	1040	3	106.387	37.31
	1 3/8	MSC1 3/8				
	1 7/16	MSC1 7/16				
45		**	1045	4	111.150	36.51
	1 1/2	MSC1 1/2				
50		**	1050	5	115.913	37.31
	1 11/16	MSC1 11/16				
	1 3/4	MSC1 3/4				
55		**	1055	6	125.437	40.48
	1 7/8	MSC1 7/8				
	1 15/16	MSC1 15/16				
	2	**				
60		**	1060	7	149.250	41.28
	2 1/16	MSC2 1/16				
	2 1/4	**				
65		MSC65	1070	8	158.775	50.80
70		MSC70				
	2 7/16	MSC2 7/16				
	2 1/2	MSC2 1/2				
75		MSC75	1075	9	168.300	50.80
	2 11/16	MSC2 11/16				
	2 3/4	MSC2 3/4				
80		MSC80	1080	10	177.825	55.56
	2 15/16	MSC2 15/16				
	3	MSC3				
85		MSC85	1085	11	188.937	63.50
	3 1/16	MSC3 1/16				
	3 1/4	MSC3 1/4				
90		MSC90	1090	12	207.987	63.50
	3 7/16	MSC3 7/16				
	3 1/2	MSC3 1/2				
95		MSC95	3095	13	241.325	76.20
100		MSC100				
	3 15/16	MSC3 15/16				
	4	MSC4				

Please check availability

** For these bore sizes select from SLC Series (see page 62)

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. MSC 1 3/16 FS.

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. TMS 1 3/16.



A1	B	s	ISO Load ratings		Rec. max. speed rev/min	Mass (approx.) kg
			dynamic Cr newtons	static Cor newtons		
36.12	38.10	15.93	19500	11300	5300	1.1
40.87	42.90	17.53	25700	15300	4500	1.4
48.84	49.20	19.03	32500	19900	4000	2.0
48.44	49.20	19.04	32500	20500	3700	2.1
51.18	51.60	19.04	35000	23200	3400	2.3
53.57	55.60	22.24	43500	29200	3100	2.9
60.30	65.10	25.44	48000	33000	2800	4.4
69.80	74.60	30.24	61000	45000	2450	5.3
69.80	77.80	33.34	66000	49500	2300	6.2
76.99	82.60	33.34	71500	54500	2150	7.9
83.29	85.70	34.15	83000	64000	2000	9.3
88.06	96.00	39.74	96000	71500	1900	12.7
106.38	117.48	49.31	157000	122000	1600	20.4