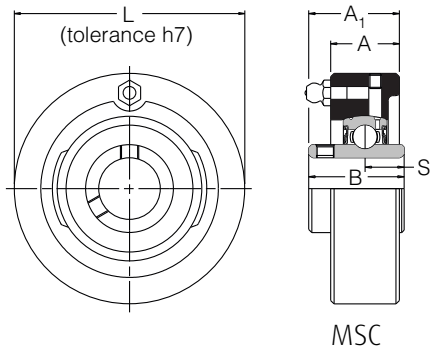


Self-Lube[®] cast iron cartridge bearing units

MSC Series



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

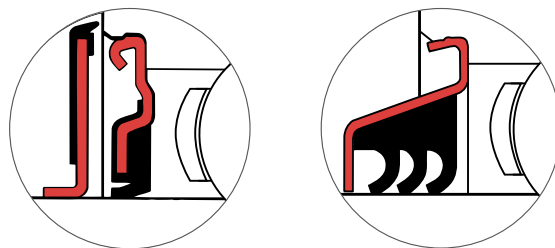
Shaft diameter		RHP designation	Basic bearing insert	Casting group	Dimensions (mm)	
mm	inches				L	A
25		MSC25	1030	1	88.925	27.78
30		**				
	1	MSC1				
		**				
35		MSC1^{3/16}	1035	2	98.450	30.96
	¹³ / ₁₆	**				
	¹ / ₄	**				
40		MSC1³/₈	1040	3	106.387	37.31
	¹³ / ₈	**				
	¹⁷ / ₁₆	**				
45		MSC1¹/₂	1045	4	111.150	36.51
	¹ / ₂	**				
50		MSC1¹¹/₁₆	1050	5	115.913	37.31
	¹¹ / ₁₆	**				
	³ / ₄	**				
55		MSC1⁷/₈	1055	6	125.437	40.48
	⁷ / ₈	**				
	¹⁵ / ₁₆	**				
	2	**				
60		MSC2³/₁₆	1060	7	149.250	41.28
	²³ / ₁₆	**				
	² / ₄	**				
65		MSC65	1070	8	158.775	50.80
70		MSC70				
	²⁷ / ₁₆	**				
	² / ₂	**				
75		MSC75	1075	9	168.300	50.80
	²¹¹ / ₁₆	**				
	²³ / ₄	**				
80		MSC80	1080	10	177.825	55.56
	²¹⁵ / ₁₆	**				
	3	**				
85		MSC85	1085	11	188.937	63.50
	³³ / ₁₆	**				
	³ / ₄	**				
90		MSC90	1090	12	207.987	63.50
	³⁷ / ₁₆	**				
	³ / ₂	**				
95		MSC95	3095	13	241.325	76.20
100		MSC100				
	³¹⁵ / ₁₆	**				
	4	**				

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 $\frac{3}{16}$ 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. TMSC 1 $\frac{3}{16}$.



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