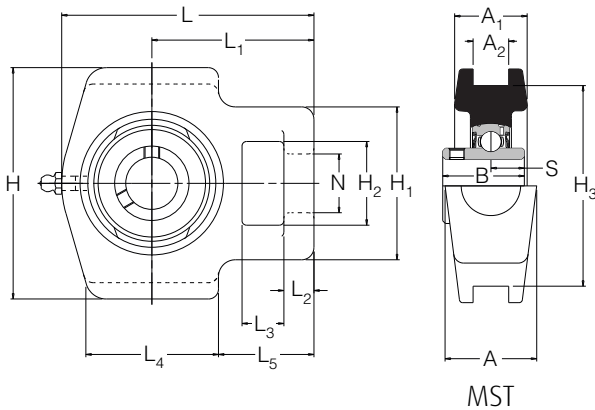


Self-Lube[®] cast iron take-up bearing units

MST Series



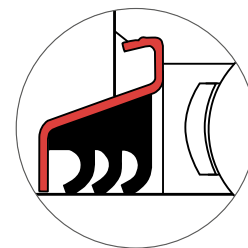
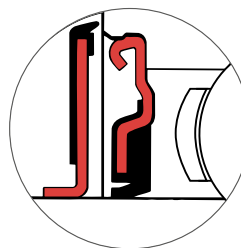
Shaft diameter		RHP designation	Basic bearing insert	Casting group	Dimensions (mm)					
mm	inches				L	L1	L2	L3	L4	L5
25	1	MST25	1030	1	115.5	72.5	12.5	16.5	64.5	43.0
30	1 3/16	MST1	1035	2	124.0	75.5	12.5	16.5	64.5	43.0
	1 1/4	MST1 3/16								
		**								
35	1 3/8	MST35	1040	3	143.5	89.2	15.5	20.5	81.5	50.5
	1 7/16	MST1 3/8								
		MST1 7/16								
40	1 1/2	MST40	1045	4	147.0	89.2	15.5	20.5	81.5	50.5
		MST1 1/2								
45	1 11/16	MST45	1050	5	151.0	90.5	15.5	20.5	81.5	50.5
	3/4	MST1 11/16								
		MST1 3/4								
50	1 7/8	MST50	1055	6	182.0	114.0	19.0	32.0	97.5	70.0
	1 15/16	MST1 7/8								
	2	MST1 15/16								
		**								
55	2 3/16	MST55	1060	7	192.0	119.0	19.0	32.0	97.5	70.0
	2 1/4	MST2 3/16								
		**								
60	2 7/16	MST60	1070	8	222.5	137.5	21.5	32.0	120.5	77.0
	2 1/2	MST2 7/16								
		**								
65	2 11/16	MST65	1075	9	222.5	137.5	21.5	32.0	120.5	77.0
70	2 3/4	MST70								
		MST2 11/16								
		**								
75	2 15/16	MST75	1080	10	231.5	139.5	20.5	32.0	125.0	74.0
	3	MST2 15/16								
		**								
80	3 3/16	MST80	1085	11	260.5	162.0	28.5	38.0	140.0	90.5
	3 1/4	MST3 3/16								
		**								
85		MST85	1090	12	270.0	165.0	28.5	38.0	152.5	90.0
90	3 7/16	MST90								
	3 1/2	MST3 7/16								
		MST3 1/2								
95		MST95	3095	13	317.5	190.5	32.0	38.0	175.0	103.0
100	3 15/16	MST100								
	4	MST3 15/16								
		MST4								

Please check availability

** For these bore sizes select from ST series (see page 54)

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. MST35FS.

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. TMST35.



Dimensions (mm)										ISO Load ratings		Rec. max. speed	Mass (approx.)
H	H1	H2	H3	N	A	A1	A2	B	s	dynamic Cr newtons	static Cor newtons	rev/min	kg
101.5	64.5	37.5	89.0	22.5	36.5	30.0	13.50	38.10	15.93	19500	11300	5300	1.6
101.5	64.5	37.5	89.0	22.5	36.5	30.0	13.50	42.90	17.53	25700	15300	4500	1.6
118.0	82.5	49.5	101.0	29.0	49.5	37.0	17.50	49.20	19.03	32500	19900	4000	2.7
118.0	82.5	49.5	101.0	29.0	49.5	37.0	17.50	49.20	19.04	32500	20500	3700	2.8
118.0	82.5	49.5	101.0	29.0	49.5	37.0	17.50	51.60	19.04	35000	23200	3400	2.8
146.0	101.0	64.0	130.0	35.0	63.5	46.5	27.00	55.60	22.24	43500	29200	3100	4.2
146.0	101.0	64.0	130.0	35.0	63.5	46.5	27.00	65.10	25.44	48000	33000	2800	5.4
166.5	113.0	70.0	150.8	42.0	70.0	50.5	27.00	74.60	30.24	61000	45000	2450	7.9
166.5	113.0	70.0	150.8	42.0	70.0	50.5	27.00	77.80	33.34	66000	49500	2300	8.4
184.0	113.0	70.0	165.1	42.0	70.0	54.0	27.00	82.60	33.34	71500	54500	2150	9.0
198.5	124.0	73.0	173.0	47.5	79.5	68.5	46.05	85.70	34.15	83000	64000	2000	13.7
216.0	127.0	73.0	190.5	47.5	79.5	69.5	46.05	96.00	39.74	96000	71500	1900	16.8
260.5	152.5	85.5	235.0	54.5	98.5	83.0	55.55	117.48	49.31	157000	122000	1600	22.2