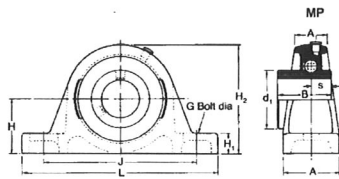


Self-Lube cast iron pillow block units

RHP bearings

MP SERIES



Bearing inserts with finger seals shown on pages 91 and 92 can be fitted into these housings. The unit reference has the suffix 'FS' e.g. MP40FS.

Lip seal bearing inserts shown on pages 88 to 90 can be fitted into these housings. The unit reference has a prefix 'L', e.g. LMP40.

Shaft diameter	RHP designation	Basic bearing insert	Casting group	Dimensions									
				L	H	H ₁	H ₂	bolt centres		G	A		
mm	inches			mm inches									
25	MP25	1030	1	160.5	44.45	19.3	84.3	127.5	108.5	12	41.5		
	MP1			6.319	1.750	760	3.319	5.020	4.272	7/8	1.634		
30	MP30	1035	2	166.0	47.60	17.5	93.0	136.5	121.5	12	44.5		
	MP1 1/8			6.535	1.874	689	3.661	5.374	4.783	1/2	1.752		
	MP1 1/4												
35	MP35	1040	3	203.2	53.98	23.0	107.5	160.0	135.0	12	57.0		
	MP1 1/8			8.000	2.125	906	4.232	6.300	5.315	1/2	2.244		
	MP1 7/16												
40	MP40	1045	4	222.2	58.72	22.5	116.7	172.5	145.0	16	60.0		
	MP1 1/2			8.748	2.312	886	4.594	6.791	5.709	5/8	2.362		
45	MP45	1050	5	222.2	58.72	22.5	116.7	172.5	145.0	16	60.0		
	MP1 1/8			8.748	2.312	886	4.594	6.791	5.709	5/8	2.362		
	MP1 1/4												
50	MP50	1055	6	219.5	63.50	24.8	129.5	178.5	162.5	16	60.0		
	MP1 7/8			8.641	2.500	976	5.098	7.028	6.398	3/4	2.362		
	MP1 15/16												
	MP2												
55	MP55	1060	7	249.5	69.85	26.2	142.2	201.0	179.0	20	69.5		
	MP2 1/8			9.823	2.750	1031	5.598	7.913	7.047	3/4	2.736		
60	MP60	1070	8	266.0	76.20	27.0	153.0	224.5	189.5	20	72.0		
	MP5/8			10.472	3.000	1063	6.024	8.839	7.461	3/4	2.835		
65	MP65	1075	9	330.2	88.90	28.6	177.8	255.6	206.0	24	88.9		
	MP7/8			13.000	3.500	1126	7.000	10.063	8.110	1	3.500		
70	MP70	1080	10	330.2	88.90	31.8	184.2	255.6	228.0	24	88.9		
	MP2 1/4			13.000	3.500	1252	7.252	10.063	8.976	1	3.500		
	MP2 1/2												
75	MP75	1085	11	381.0	101.60	31.8	203.2	317.5	260.0	24	101.6		
	MP3			15.000	4.000	1252	8.000	12.500	10.236	1	4.000		
80	MP80	1090	12	381.0	101.60	33.3	209.6	319.1	246.1	24	111.1		
	MP3 1/8			15.000	4.000	1311	8.252	12.563	9.689	1	4.374		
	MP3 1/4												
85	MP85	3095	13	431.8	127.00	33.3	254.0	371.5	301.6	24	120.6		
	MP3 1/2			17.000	5.000	1311	10.000	14.626	11.874	1	4.748		
	MP3 3/4												
	MP4												

Please check availability

A ₁	B	s	d ₁	ISO load ratings		Rec. max. speed	Mass (approx.)
				dynamic C _r	static C _{0r}		
mm	mm	mm	mm	newtons	newtons	rev/min	kg
inches	inches	inches	inches	lb	lb		lb
27.5	38.10	15.93	40.00	19500	11300	5300	1.3
1.083	1.500	627	1.575	4380	2540		2.9
30.5	42.88	17.53	46.69	25700	15300	4500	1.7
1.201	1.688	690	1.838	5780	3440		3.8
40.5	48.23	19.10	52.70	25100	17900	4000	2.7
1.594	1.938	752	2.075	6540	4020		6.0
39.5	49.23	19.10	57.30	32500	20500	3700	3.2
1.555	1.938	752	2.256	7310	4610		7.1
39.5	51.59	19.10	62.20	35000	23200	3400	3.2
1.555	2.031	752	2.449	7870	5220		7.1
39.5	55.65	22.28	68.81	43500	29200	3100	4.0
1.555	2.187	877	2.709	9780	6560		8.8
46.0	65.07	25.45	75.34	52500	35900	2800	7.1
1.811	2.562	1.002	2.966	11800	8070		15.6
47.0	74.63	30.23	87.00	62000	44000	2450	9.3
1.850	2.938	1.190	3.425	13940	9850		20.5
66.7	77.7	33.37	92.0	66000	49300	2300	13.4
2.626	3.062	1.314	3.622	14840	11080		29.5
66.7	82.55	33.37	98.50	72500	53000	2150	14.3
2.626	3.250	1.314	3.878	16300	11910		31.6
68.3	85.72	34.18	106.02	83500	63800	2000	18.2
2.689	3.375	1.346	4.174	18770	14340		40.2
79.4	96.04	39.73	111.66	96000	71500	1900	23.4
3.126	3.781	1.564	4.396	21580	16070		51.6
98.4	117.48	49.27	130.43	143000	110000	1600	34.4
3.874	4.625	1.940	5.135	32150	24730		75.8