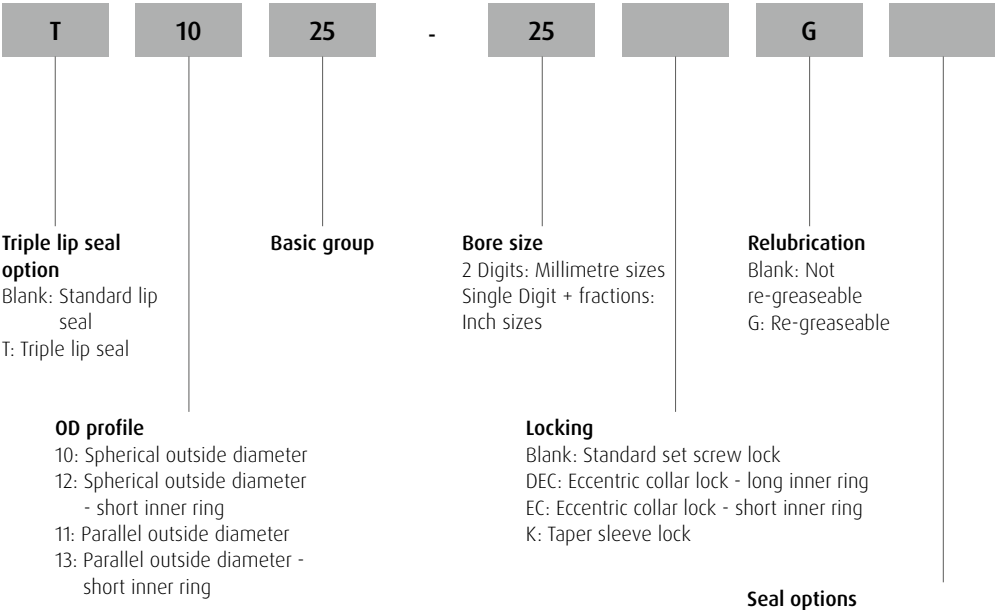


Standard Self-Lube® insert references



List of common prefixes and suffixes

Prefixes

- B Unit or bearing insert supplied without locking collar.
- J Grease groove on the side of the bearing insert nearest to the locking device.
- T Triple lip sealed bearing insert.

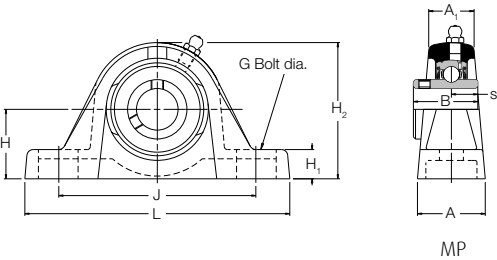
Suffixes

- A Unit fitted with set screw lock insert with flush inner ring on one side.
- C4 Radial clearance greater than C3.
- CG Parallel outside diameter insert with grease groove and snap ring fitted.
- DEC Eccentric collar lock with extended inner ring.
- DL Double locking inner ring – 4 set screws (2 each end).
- EC Eccentric collar lock with flush inner ring on one side.
- FS Bearing insert fitted with flinger seals.
- G Bearing insert having relubrication facility.
- HLT High and low temperature bearing insert.
- K Bearing insert with tapered bore.
- L Larger than normal unit for the basic bore size.
- P Housing fitted with 1/8" BSP grease nipple (standard is 1/4" UNF).
- R Smaller than normal unit for the basic bore size.

- Seal options**
Blank: Standard single lip seal
FS: Flinger seal
ZZ: Shields
ZZFS: Shields & flinger seals
HLT: High/low temperature insert

Self-Lube® cast iron pillow block units

MP Series

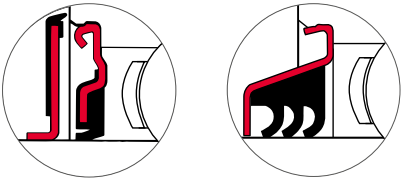


Shaft diameter		RHP designation	Basic bearing insert	Casting group	Dimensions (mm)				Bolt centres	
mm	inches				L	H	H ₁	H ₂	J _{max}	J _{min}
25		MP25	1030	1	160.5	44.45	19.0	84.3	127.5	108.5
	1	MP1								
30		MP30	1035	2	166.0	47.60	17.5	93.0	136.5	121.5
	1 ¹ / ₁₆	MP1 ¹ / ₁₆								
	1 ¹ / ₄	MP1 ¹ / ₄								
35		MP35	1040	3	203.2	53.98	23.0	107.5	160.0	135.0
	1 ³ / ₈	MP1 ³ / ₈								
	1 ⁷ / ₁₆	MP1 ⁷ / ₁₆								
40		MP40	1045	4	222.2	58.72	22.5	116.7	172.5	145.0
	1 ¹ / ₂	MP1 ¹ / ₂								
45		MP45	1050	5	222.2	58.72	22.5	116.7	172.5	145.0
	1 ¹¹ / ₁₆	MP1 ¹¹ / ₁₆								
	1 ³ / ₄	MP1 ³ / ₄								
50		MP50	1055	6	219.5	63.50	24.8	129.5	178.5	162.5
	1 ⁷ / ₈	MP1 ⁷ / ₈								
	1 ¹⁵ / ₁₆	MP1 ¹⁵ / ₁₆								
	2	MP2								
55		MP55	1060	7	249.5	69.85	26.2	142.2	201.0	179.0
	2 ¹ / ₁₆	MP2 ¹ / ₁₆								
	2 ¹ / ₄	MP2 ¹ / ₄								
60		MP60	1070	8	266.0	76.20	27.0	153.0	224.5	189.5
65		MP65R								
	2 ⁷ / ₁₆	MP2 ⁷ / ₁₆								
	2 ¹ / ₂	MP2 ¹ / ₂								
65		MP65	1075	9	330.2	88.90	28.6	177.8	255.6	206.0
70		MP70								
	2 ¹¹ / ₁₆	MP2 ¹¹ / ₁₆								
	2 ³ / ₄	MP2 ³ / ₄								
75		MP75	1080	10	330.2	88.90	31.8	184.2	255.6	228.0
	2 ¹⁵ / ₁₆	MP2 ¹⁵ / ₁₆								
	3	MP3								
80		MP80	1085	11	381.0	101.60	31.8	203.2	317.5	260.0
	3 ¹ / ₁₆	MP3 ¹ / ₁₆								
	3 ¹ / ₄	MP3 ¹ / ₄								
85		MP85	1090	12	381.0	101.60	33.3	209.6	319.1	246.1
90		MP90								
	3 ⁷ / ₁₆	MP3 ⁷ / ₁₆								
	3 ¹ / ₂	MP3 ¹ / ₂								
95		MP95	3095	13	431.8	127.00	33.3	254.0	371.5	301.6
100		MP100								
	3 ¹⁵ / ₁₆	MP3 ¹⁵ / ₁₆								
	4	MP4								

Please check availability

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. MP40FS.

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. TMP40.



Dimensions (mm)					ISO Load ratings		Rec. max. speed	Mass (approx.)
G	A	A ₁	B	s	dynamic C _r newtons	static C _{or} newtons	rev/min	kg
12	41.5	27.5	38.10	15.93	19500	11300	5300	1.3
12	44.5	30.5	42.90	17.53	25700	15300	4500	1.7
12	57.0	40.5	49.20	19.03	32500	19900	4000	2.7
16	60.0	39.5	49.20	19.04	32500	20500	3700	3.2
16	60.0	39.5	51.60	19.04	35000	23200	3400	3.2
16	60.0	39.5	55.60	22.24	43500	29200	3100	4.0
20	69.5	46.00	65.10	25.44	48000	33000	2800	7.1
20	72.0	47.0	74.60	30.24	61000	45000	2450	9.3
24	88.9	66.7	77.80	33.34	66000	49500	2300	13.4
24	88.9	66.7	82.60	33.34	71500	54500	2150	14.3
24	101.6	68.3	85.70	34.15	83000	64000	2000	18.2
24	111.1	79.4	96.00	39.74	96000	71500	1900	23.4
24	120.6	98.4	117.48	49.31	157000	122000	1600	34.4