



**Duty:** Medium

**Rolling Elements:** Ball

**Housing:** Cast Iron Pillow Block - High Base

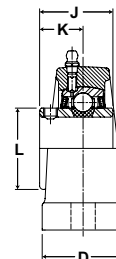
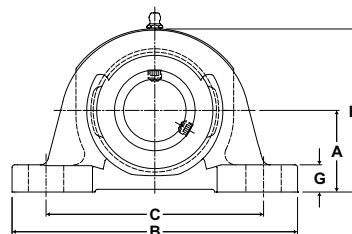
**Self Alignment:** +/- 2 Degrees

**Lock:** Setscrew

**Seal:** Felt

**Optional Seal:** Contact

**Temperature:** -20° to 220°F



## MP Series Medium Duty Pillow Blocks - Setscrew Locking

| Bore Diameter |     | Part No. | Bearing Insert No. | Basic Dynamic Rating lb/N | Dimensions inch / mm |        |         |         |       |        |         |         |         |         | Bolt Size | Unit Wt. lb/kg |
|---------------|-----|----------|--------------------|---------------------------|----------------------|--------|---------|---------|-------|--------|---------|---------|---------|---------|-----------|----------------|
|               |     |          |                    |                           | A                    | B      | C       |         | D     | G      | H       | J       | K       | L       |           |                |
| inch          | mm  |          |                    |                           |                      |        | min.    | max.    |       |        |         |         |         |         |           |                |
| 15/16         |     | MP-15    | 3-015              | 4381                      | 1 3/4                | 6 1/4  | 4 3/16  | 5 3/16  | 2     | 5/8    | 3 7/16  | 1 1/2   | 7/8     | 1 19/32 | 1/2       | 4.0            |
| 1             | 25  | MP-16    | 3-1                | 19487                     | 44.5                 | 158.8  | 106.4   | 131.8   | 50.8  | 15.9   | 87.3    | 38.1    | 22.2    | 40.5    |           | 1.81           |
|               |     | MP-305   | 5305               |                           |                      |        |         |         |       |        |         |         |         |         |           |                |
| 1 3/16        |     | MP-19    | 3-13               | 5782                      | 1 7/8                | 6 7/8  | 4 1/2   | 5 1/2   | 2 1/4 | 11/16  | 3 13/16 | 1 11/16 | 1       | 1 55/64 | 1/2       | 5.4            |
| 1 1/4         | 30  | MP-20    | 2-14               | 25718                     | 47.6                 | 174.6  | 114.3   | 139.7   | 57.2  | 17.5   | 96.8    | 42.9    | 25.4    | 47.2    |           | 2.45           |
|               |     | MP-306   | 5306               |                           |                      |        |         |         |       |        |         |         |         |         |           |                |
| 1 7/16        |     | MP-23    | 3-17               | 7340                      | 2 1/8                | 8      | 5       | 6 3/8   | 2 1/4 | 3/4    | 4 3/16  | 1 15/16 | 1 3/16  | 2 1/16  | 1/2       | 6.8            |
| 1.378         | 35  | MP-307   | 5307               | 32648                     | 54.0                 | 203.2  | 127.0   | 161.9   | 57.2  | 19.1   | 106.4   | 49.2    | 30.2    | 52.4    |           | 3.08           |
| 1 1/2         |     | MP-24    | 3-18               | 7901                      | 2 5/16               | 8 3/4  | 5 1/2   | 6 3/4   | 2 5/8 | 13/16  | 4 9/16  | 1 15/16 | 1 3/16  | 2 19/64 | 5/8       | 9.0            |
|               | 40  | MP-308   | 5308               | 35144                     | 58.7                 | 222.3  | 139.7   | 171.5   | 66.7  | 20.6   | 115.9   | 49.2    | 30.2    | 58.3    |           | 4.08           |
| 1 11/16       |     | MP-27    | 3-111              |                           |                      |        |         |         |       |        |         |         |         |         |           |                |
| 1 3/4         | 45  | MP-28    | 3-112              | 7889                      | 2 5/16               | 8 3/4  | 5 7/16  | 6 13/16 | 2 5/8 | 13/16  | 4 5/8   | 2 1/32  | 1 9/32  | 2 15/32 | 5/8       | 9.5            |
|               |     | MP-309   | 5309               | 35090                     | 58.7                 | 222.3  | 138.1   | 173.0   | 66.7  | 20.6   | 117.5   | 51.6    | 32.5    | 62.7    |           | 4.31           |
| 1 15/16       |     | MP-31    | 3-115              |                           |                      |        |         |         |       |        |         |         |         |         |           |                |
| 2             | 50  | MP-32    | 2-2                | 9752                      | 2 1/2                | 9 1/2  | 5 15/16 | 7 9/16  | 2 7/8 | 7/8    | 5 3/32  | 2 3/16  | 1 5/16  | 2 23/32 | 5/8       | 11.7           |
|               |     | MP-310   | 5310               | 43377                     | 63.5                 | 241.3  | 150.8   | 192.1   | 73.0  | 22.2   | 129.4   | 55.6    | 33.3    | 69.1    |           | 5.31           |
| 2 3/16        |     | MP-35    | 3-23               |                           |                      |        |         |         |       |        |         |         |         |         |           |                |
| 2 1/4         | 55  | MP-36    | 2-24               | 11789                     | 2 3/4                | 10 1/4 | 6 9/16  | 7 15/16 | 3 1/8 | 1 1/16 | 5 5/8   | 2 9/16  | 1 9/16  | 2 63/64 | 3/4       | 16.2           |
|               |     | MP-311   | 5311               | 52437                     | 69.9                 | 260.4  | 166.7   | 201.6   | 79.4  | 27.0   | 142.9   | 65.1    | 39.7    | 75.8    |           | 7.35           |
| 2 7/16        |     | MP-39    | 3-27               |                           |                      |        |         |         |       |        |         |         |         |         |           |                |
| 2 1/2         | 65  | MP-40    | 3-28               | 13971                     | 3                    | 11 1/4 | 7 1/8   | 8 7/8   | 3 1/4 | 1 1/16 | 6 1/4   | 2 3/4   | 1 11/16 | 3 7/16  | 3/4       | 21.5           |
|               |     | MP-313   | 5313               | 62143                     | 76.2                 | 285.8  | 181.0   | 225.4   | 82.6  | 27.0   | 158.8   | 69.9    | 42.9    | 87.3    |           | 9.75           |
| 2 11/16       |     | MP-43    | 3-211              |                           |                      |        |         |         |       |        |         |         |         |         |           |                |
| 2.756         | 70  | MP-314   | 5314               | 14839                     | 3 1/2                | 13     | 7 7/8   | 10 1/8  | 3 1/2 | 1 1/8  | 7       | 3 1/16  | 1 3/4   | 3 41/64 | 7/8       | 29.2           |
|               |     |          |                    | 66004                     | 88.9                 | 330.2  | 200.0   | 257.2   | 88.9  | 28.6   | 177.8   | 77.8    | 44.5    | 92.5    |           | 13.24          |
| 2 15/16       |     | MP-47    | 3-215              |                           |                      |        |         |         |       |        |         |         |         |         |           |                |
| 3             | 75  | MP-48    | 3-3                | 17412                     | 3 1/2                | 13     | 7 7/8   | 10 1/8  | 3 1/2 | 1 1/4  | 7 1/4   | 3 1/4   | 1 15/16 | 3 59/64 | 7/8       | 31.5           |
|               |     | MP-315   | 5315               | 77449                     | 88.9                 | 330.2  | 200.0   | 257.2   | 88.9  | 31.8   | 184.2   | 82.6    | 49.2    | 99.6    |           | 14.29          |
| 3 3/16        |     | MP-51    | 3-33               |                           |                      |        |         |         |       |        |         |         |         |         |           |                |
| 3 1/4         | 80  | MP-52    | 2-34               | 18681                     | 4                    | 15     | 9 11/16 | 12 9/16 | 4     | 1 1/4  | 8       | 3 3/8   | 2 1/32  | 4 5/32  | 7/8       | 44.1           |
|               |     | MP-316   | 5316               | 83093                     | 101.6                | 381.0  | 246.1   | 319.1   | 101.6 | 31.8   | 203.2   | 85.7    | 51.6    | 105.6   |           | 20.00          |
| 3 7/16        |     | MP-55    | 3-37               |                           |                      |        |         |         |       |        |         |         |         |         |           |                |
| 3 1/2         |     | MP-56    | 2-38               | 21566                     | 4                    | 15     | 9 5/8   | 12 5/8  | 4 3/8 | 1 5/16 | 8 1/4   | 3 25/32 | 2 7/32  | 4 25/64 | 7/8       | 47.8           |
|               |     |          |                    | 95926                     | 101.6                | 381.0  | 244.5   | 320.7   | 111.1 | 33.3   | 209.6   | 96.0    | 56.4    | 111.5   |           | 21.68          |
| 3 15/16       |     | MP-63    | 3-315              |                           |                      |        |         |         |       |        |         |         |         |         |           |                |
| 4             | 100 | MP-64    | 3-4                | 29905                     | 5                    | 17     | 11 3/4  | 14 3/4  | 4 3/4 | 1 5/16 | 10      | 4 5/8   | 2 11/16 | 5 11/64 | 1         | 73.2           |
|               |     | MP-320   | 5320               | 133017                    | 127.0                | 431.8  | 298.5   | 374.7   | 120.7 | 33.3   | 254.0   | 117.5   | 68.3    | 131.4   |           | 33.20          |

For Medium Duty Bearing Inserts-Single Lock see page G-95.

Metric dimensions for reference only.

Not all parts are available from stock. Please contact customer service for availability (800) 626-2120.

For more information on bearing capabilities outside of our standard offering, please contact Application Engineering (800) 626-2093.