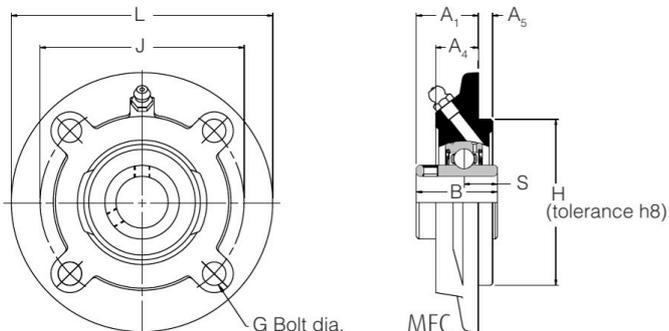


Self-Lube cast iron flange cartridge bearing units

MFC Series



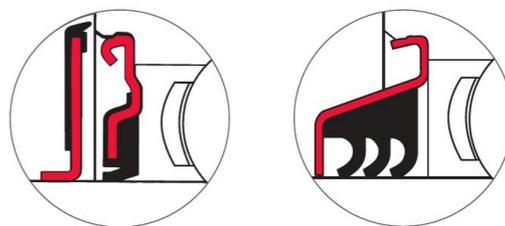
For housing tolerances to suit spigot 'H' see page 19

| Shaft diameter | | RHP designation | Basic bearing insert | Casting group | Dimensions (mm) | | |
|----------------|--------|-----------------|----------------------|---------------|-----------------|-------|-------|
| mm | inches | | | | L | H | J |
| 25 | | MFC25 | 1030 | 1 | 111.1 | 76.2 | 92.1 |
| | 1 | MFC1 | | | | | |
| | 1¼ | MFC1¼R | | | | | |
| 30 | | MFC30 | 1035 | 2 | 127.0 | 85.7 | 104.8 |
| | 1¾ | MFC1¾ | | | | | |
| | 1¼ | MFC1¼ | | | | | |
| 35 | | MFC35 | 1040 | 3 | 133.4 | 92.1 | 111.1 |
| 40 | | MFC40 | | | | | |
| | 1⅝ | MFC1⅝ | | | | | |
| | 17/16 | MFC17/16 | | | | | |
| | 1½ | MFC1½ | | | | | |
| 45 | | MFC45 | 1050 | 4 | 155.6 | 108.0 | 130.2 |
| | 111/16 | MFC111/16 | | | | | |
| | 1¾ | MFC1¾ | | | | | |
| | 2 | MFC2R | | | | | |
| 50 | | MFC50 | 1055 | 5 | 161.9 | 114.3 | 136.5 |
| | 1⅞ | MFC1⅞ | | | | | |
| | 115/16 | MFC115/16 | | | | | |
| | 2 | MFC2 | | | | | |
| 55 | | MFC55 | 1060 | 6 | 181.0 | 127.0 | 152.4 |
| | 2¾ | MFC2¾ | | | | | |
| | 2¼ | MFC2¼ | | | | | |
| 60 | | MFC60 | 1070 | 7 | 193.7 | 139.7 | 165.1 |
| 65 | | MFC65R | | | | | |
| | 27/16 | MFC27/16 | | | | | |
| | 2½ | MFC2½ | | | | | |
| 65 | | MFC65 | 1075 | 8 | 222.2 | 161.9 | 190.5 |
| 70 | | MFC70 | | | | | |
| | 211/16 | MFC211/16 | | | | | |
| | 2¾ | MFC2¾ | | | | | |
| 75 | | MFC75 | 1080 | 9 | 222.2 | 161.9 | 190.5 |
| 80 | | MFC80 | | | | | |
| | 215/16 | MFC215/16 | | | | | |
| | 3 | MFC3 | | | | | |
| | 3¼ | MFC3¼ | | | | | |
| 85 | | MFC85 | 1090 | 10 | 260.4 | 187.3 | 219.1 |
| 90 | | MFC90 | | | | | |
| | 37/16 | MFC37/16 | | | | | |
| | 3½ | MFC3½ | | | | | |
| 95 | | MFC95 | 3095 | 11 | 298.4 | 228.6 | 260.4 |
| 100 | | MFC100 | | | | | |
| | 315/16 | MFC315/16 | | | | | |
| | 4 | MFC4 | | | | | |

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. MFC30FS.

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. TMFC30.



| G | Dimensions (mm) | | | | | ISO Load ratings | | Rec. max. speed rev/min | Mass (approx.) kg |
|----|-----------------|------|------|--------|-------|--------------------|--------------------|-------------------------|-------------------|
| | A1 | A4 | A5 | B | s | dynamic Cr newtons | static Cor newtons | | |
| 8 | 33.32 | 21.0 | 6.4 | 38.10 | 15.93 | 19500 | 11300 | 5300 | 1.4 |
| 10 | 33.32 | 19.0 | 6.4 | 42.90 | 17.53 | 25700 | 15300 | 4500 | 1.5 |
| 10 | 38.10 | 19.0 | 6.4 | 49.20 | 19.03 | 32500 | 19900 | 4000 | 1.9 |
| 10 | 39.67 | 19.0 | 6.4 | 51.60 | 19.04 | 35000 | 23200 | 3400 | 2.7 |
| 10 | 39.67 | 19.0 | 6.4 | 55.60 | 22.24 | 43500 | 29200 | 3100 | 3.0 |
| 12 | 42.85 | 15.9 | 9.5 | 65.10 | 25.44 | 48000 | 33000 | 2800 | 3.4 |
| 12 | 46.02 | 15.9 | 12.7 | 74.60 | 30.24 | 61000 | 45000 | 2450 | 4.5 |
| 16 | 50.80 | 21.0 | 12.7 | 77.80 | 33.34 | 66000 | 49500 | 2300 | 5.9 |
| 16 | 50.80 | 16.7 | 12.7 | 82.60 | 33.34 | 71500 | 54500 | 2150 | 5.4 |
| 20 | 67.46 | 29.4 | 12.7 | 96.00 | 39.74 | 96000 | 71500 | 1900 | 9.8 |
| 20 | 88.90 | 46.0 | 12.7 | 117.48 | 49.31 | 157000 | 122000 | 1600 | 17.7 |