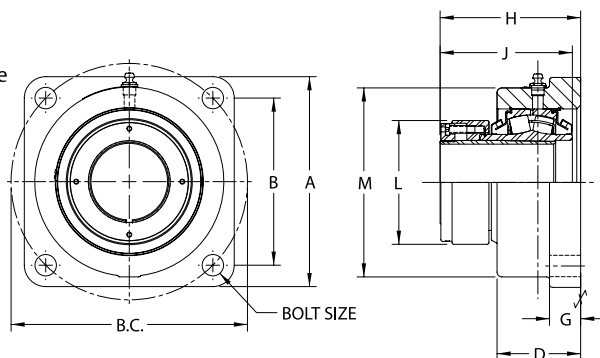


# Performance Mounted Spherical Roller Bearings **SEALMASTER®**



**Rolling Elements:** Spherical Roller  
**Housing:** Ductile Iron Four Bolt Flange  
**Self Alignment:** +/- 2 Degrees  
**Lock:** Adapter  
**Seal:** Felt  
**Optional Seal:** Double Lip Contact  
**Temperature:** -20° to 220° F



Mtd. Spherical Bearings



## USFBE5000A Series Four-Bolt Flange Units - Adapter Mount, Type E Mounting Dimensions

| Bore Diameter<br>inch | Part No.       | Basic Dynamic Rating<br>lb/N | Dimensions inch / mm |         |         |         |        |         |         |         |         |           | Unit Wt.<br>lb/kg |
|-----------------------|----------------|------------------------------|----------------------|---------|---------|---------|--------|---------|---------|---------|---------|-----------|-------------------|
|                       |                |                              | A                    | B       | B.C.    | D       | G      | H *     | J       | L       | M       | Bolt Size |                   |
| 1 15/16               | USFBE5000A-115 | 23520                        | 5 1/2                | 4 3/8   | 6 3/16  | 2 9/16  | 7/8    | 3 51/64 | 3 1/2   | 3 11/64 | 4 31/32 | 1/2       | 12.0              |
| 2                     | USFBE5000A-200 | 104617                       | 139.7                | 111.1   | 157.2   | 65.1    | 22.2   | 96.4    | 88.9    | 80.6    | 126.2   |           | 5.48              |
| 2 3/16                | USFBE5000A-203 | 28087                        | 6 3/16               | 4 7/8   | 6 57/64 | 2 5/8   | 1      | 4 1/16  | 3 7/8   | 3 7/16  | 5 15/32 | 5/8       | 15.5              |
|                       |                | 124931                       | 157.2                | 123.8   | 175.0   | 66.7    | 25.4   | 103.2   | 98.4    | 87.3    | 138.9   |           | 7.04              |
| 2 7/16                | USFBE5000A-207 | 44691                        | 6 3/4                | 5 3/8   | 7 19/32 | 2 11/16 | 1      | 4 13/32 | 4 5/16  | 3 63/64 | 6 3/32  | 5/8       | 20.0              |
| 2 1/2                 | USFBE5000A-208 | 198786                       | 171.5                | 136.5   | 192.9   | 68.3    | 25.4   | 111.9   | 109.5   | 101.2   | 154.8   |           | 9.10              |
| 2 11/16               | USFBE5000A-211 | 47447                        | 7 5/8                | 6       | 8 31/64 | 2 3/4   | 1 1/16 | 4 19/32 | 4 31/64 | 4 25/64 | 6 53/64 | 3/4       | 26.5              |
| 2 3/4                 | USFBE5000A-212 |                              |                      |         |         |         |        |         |         |         |         |           | 12.04             |
| 2 15/16               | USFBE5000A-215 | 211044                       | 193.7                | 152.4   | 215.5   | 69.9    | 27.0   | 116.7   | 113.9   | 111.5   | 173.4   |           |                   |
| 3                     | USFBE5000A-300 |                              |                      |         |         |         |        |         |         |         |         |           |                   |
| 3 3/16                | USFBE5000A-303 | 72640                        | 8 5/8                | 7       | 9 29/32 | 3 1/4   | 1 1/4  | 5 43/64 | 5 35/64 | 5 15/32 | 7 31/32 | 3/4       | 42.3              |
| 3 7/16                | USFBE5000A-307 | 323103                       | 219.1                | 177.8   | 251.6   | 82.6    | 31.8   | 144.1   | 140.9   | 138.9   | 202.4   |           | 19.23             |
| 3 1/2                 | USFBE5000A-308 |                              |                      |         |         |         |        |         |         |         |         |           |                   |
| 3 11/16               | USFBE5000A-311 | 96050                        | 9 1/2                | 7 19/32 | 10 3/4  | 3 11/16 | 1 1/4  | 6 5/64  | 5 15/16 | 5 13/16 | 8 7/8   | 7/8       | 53.0              |
| 3 15/16               | USFBE5000A-315 | 427230                       | 241.3                | 192.9   | 273.1   | 93.7    | 31.8   | 154.4   | 150.8   | 147.6   | 225.4   |           | 24.10             |
| 4                     | USFBE5000A-400 |                              |                      |         |         |         |        |         |         |         |         |           |                   |

\*For expansion bearings, this dimension can increase by the corresponding value in table VIII on page I-69.  
 One expansion unit is to be used in conjunction with one non-expansion unit for applications using an adapter lock unit.  
 Failure to utilize one expansion and one non-expansion unit is likely to result in reduced bearing performance.