oilite® SYNTHETIC PERFORMANCE DIFFERENCE®



# FFM1824-18B

## Oilite® M-Series Metric

### Flange

Sintered Bronze Impregnated with Synthetic Performance Difference™ AM1-SPD™.

Largest Selection of Metric Sizes World Wide.

Temp Range -37°C to +149°C

### Dimensions & Tolerances

| | |
|---|---|
| Nominal ID: | 18 mm |
| ID Max: | 18.03 mm |
| ID Min: | 18.01 mm |
| Nominal OD: | 24 mm |
| OD Max: | 24.06 mm |
| OD Min: | 24.04 mm |
| Length: | 18 mm ±0.127 |
| Flange OD: | 30 mm ±0.127 |
| Flange Thickness: | 3 mm ±0.0635 |
| Weight: | 0.54 lbs / 244.9 g |

### Press Fit

| | |
|---|---|
| Housing Bore: | 23.99236 mm ±0.013 |
| Shaft Diameter: | 17.91063 mm ±0.005 |

### Temperature

| | |
|---|---|
| Max Temp F / C: | 300 / 149 |
| Min Temp F / C: | -35 / -37 |

### Pressure Ratings

| | |
|---|---|
| Max P: | 13.78 ($N/mm^2$) |
| Max V: | 6.1 (m/s) |
| Max PV: | 1.75 ($N\text{-}M/mm^2\text{-}s$) |
| Calculated P: | 0 ($N/mm^2$) |
| Calculated V: | 0 (m/s) |
| Calculated PV: | 0 ($N\text{-}M/mm^2\text{-}s$) |

### Material Specifications

| | |
|---|---|
| Lubrication: | Self-Lubricating |
| Regulations: | Lead-Free<br>Conflict Free<br>RoHS Certified<br>Reach Certified |
| Engineering Preferences: | Conducts Electricity<br>Corrosion Resistant |
| Specifications Met: | **SAE 841**<br>**ASTM B-438 GR 1 TYPE 2**<br>**CT-1000-K26** |

Preferred Supplier -
Beemer Precision, Inc.
All Products Made in the U.S.A
Contact (215) 646-8440
https://oilite.com

Beemer Precision, Inc. (“Beemer”) supplies these drawings and specifications for illustration purposes only and without representation or warranty of any kind whatsoever. The buyer is solely responsible for determining whether a bearing is suitable for the buyer’s application. Dimensions, tolerances, and materials may change at any time. All bearing sales are subject to Beemer’s Standard Terms and Conditions of Sale, which may be found here
Copyright Beemer Precision, Inc.