## **Oilite**<sup>®</sup> SYNTHETIC PERFORMANCE DIFFERENCE®

## FFM1822-18B

## **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 | 8 | Tolerances    |
|------------|---|---------------|
| Dimensions | œ | I Ulei allees |

| Dimensions & Tolerances  |   |
|--------------------------|---|
| Nominal ID:              | 18 mm   |
| ID Max:                  | 18.03 mm  |
| ID Min:                  | 18.01 mm  |
| Nominal OD:              | 22 mm   |
| OD Max:                  | 22.06 mm  |
| OD Min:                  | 22.04 mm  |
| Length:                  | 18 mm ±0.127  |
| Flange OD:               | 26 mm ±0.127  |
| Flange Thickness:        | 2 mm ±0.0635  |
| Weight:                  | 0.35 lbs / 158.8 g  |
| Press Fit                |   |
| Housing Bore:            | 21.99376 mm ±0.013  |
| Shaft Diameter:          | 17.91189 mm ±0.005  |
| Temperature              |   |
| Max Temp F / C:          | 300 / 149   |
| Min Temp F / C:          | -35 / -37   |
| Pressure Ratings         |   |
| Max P:                   | 13.78 (N/mm <sup>2</sup> )                                      |
| Max V:                   | 6.1 (m/s)   |
| Max PV:                  | 1.75 (N-M/mm <sup>2</sup> -s)                                   |
| Calculated P:            | 0 (N/mm <sup>2</sup> )  |
| Calculated V:            | 0 (m/s)   |
| Calculated PV:           | 0 (N-M/mm <sup>2</sup> -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                |

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