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

# SOFMP4551-32

## Super Oilite® M-Series Metric/PLUS

### Flange

PTFE Additive-Reduced Friction Synthetic Oilite® Plus-SPD™. Extreme Performance-Unique Applications.

Temp Range -50°C to +149°C



#### **Dimensions & Tolerances**

| Nominal ID: 45 mm                             |
|---|
| ID Max: 45.06 mm                              |
| ID Min: 45.01 mm                              |
| Nominal OD: 51 mm                             |
| OD Max: 51.1 mm                               |
| OD Min: 51.05 mm                              |
| Length: 32 mm ±0.25                           |
| Flange OD: 57 mm ±0.4                         |
| Flange Thickness: 3 mm ±0.2                   |
| Weight: 0.238 lbs / 108 g                     |
| Press Fit                                     |
| Housing Bore: 50.99689 mm ±0.013              |
| Shaft Diameter: 44.87489 mm ±0.005            |
| Temperature                                   |
| Max Temp F / C: 300 / 149                     |
| Min Temp F / C: -60 / -51                     |
| Pressure Ratings                              |
| Max P: 27.56 (N/mm <sup>2</sup> )             |
| Max V: 1.14 (m/s)                             |
| Max PV: 1.225 (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                        |
| Conflict Free                                 |
| RoHS Certified<br>Reach Certified             |
| Engineering Preferences: Conducts Electricity |
| Specifications Met: SAE 863                   |
| ASTM B-439 GR 4                               |
| FC-2000-K30                                   |
|   |

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