oilite® SYNTHETIC PERFORMANCE DIFFERENCE®



# SOFMP0306-04

## 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: | 3 mm |
| ID Max: | 3.025 mm |
| ID Min: | 3 mm |
| Nominal OD: | 6 mm |
| OD Max: | 6.045 mm |
| OD Min: | 6.02 mm |
| Length: | 4 mm ±0.25 |
| Flange OD: | 9 mm ±0.25 |
| Flange Thickness: | 1.5 mm ±0.125 |
| Weight: | 0.002 lbs / 0.9 g |

**Press Fit**

| | |
|---|---|
| Housing Bore: | 5.98428 mm ±0.013 |
| Shaft Diameter: | 2.91174 mm ±0.005 |

**Temperature**

| | |
|---|---|
| Max Temp F / C: | 300 / 149 |
| Min Temp F / C: | -60 / -51 |

**Pressure Ratings**

| | |
|---|---|
| Max P: | 27.56 ($N/mm^2$) |
| Max V: | 1.14 (m/s) |
| Max PV: | 1.225 ($N\text{-}M/mm^2\text{-}s$) |
| 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 |
| Specifications Met: | **SAE 863**<br>**ASTM B-439 GR 4**<br>**FC-2000-K30** |

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

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