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

# SOFMP0610-04

## 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: 6 mm                               |
|--|
| ID Max: 6.025 mm                               |
| ID Min: 6 mm                                   |
| Nominal OD: 10 mm                              |
| OD Max: 10.045 mm                              |
| OD Min: 10.02 mm                               |
| Length: 4 mm ±0.25                             |
| Flange OD: 14 mm ±0.25                         |
| Flange Thickness: 2 mm ±0.125                  |
| Weight: 0.004 lbs / 1.8 g                      |
| Press Fit                                      |
| Housing Bore: 9.98108 mm ±0.013                |
| Shaft Diameter: 5.90736 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                                 |
| Reach Certified                                |
| Engineering Preferences: Conducts Electricity  |
| Specifications Met: SAE 863<br>ASTM B-439 GR 4 |
| FC-2000-K30                                    |
|  |

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