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

# SOFMP0811-12

## 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**

$ID Max: 8.035 mm ID Min: 8.01 mm Nominal OD: 11 mm OD Max: 11.055 mm OD Max: 11.055 mm OD Min: 11.03 mm Length: 12 mm \pm 0.25Flange OD: 14 mm \pm 0.25Flange Thickness: 1.5 mm \pm 0.125Weight: 0.008 lbs / 3.6 gPress FitHousing Bore: 10.99028 mm \pm 0.013Shaft Diameter: 7.91563 mm \pm 0.005TemperatureMax Temp F / C: 300 / 149Min Temp F / C: -60 / -51Pressure RatingsMax P: 27.56 (N/mm2)Max V: 1.14 (m/s)Max PV: 1.225 (N-M/mm2-s)Calculated P: 0 (N/mm2)$
Nominal OD: 11 mm           OD Max: 11.055 mm           OD Min: 11.03 mm           Length: 12 mm ±0.25           Flange OD: 14 mm ±0.25           Flange Thickness: 1.5 mm ±0.125           Weight: 0.008 lbs / 3.6 g           Press Fit           Housing Bore: 10.99028 mm ±0.013           Shaft Diameter: 7.91563 mm ±0.005           Temperature           Max Temp F / C: 300 / 149           Min Temp F / C: -60 / -51           Pressure Ratings           Max V: 1.14 (m/s)           Max PV: 1.225 (N-M/mm <sup>2</sup> -s)
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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 ASTM B-439 GR 4 FC-2000-K30

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