Oilite[®] Synthetic performance Difference®

SOFMP0508-05

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: 4 mm
ID Max: 5.025 mm
ID Min: 4 mm
Nominal OD: 8 mm
OD Max: 8.045 mm
OD Min: 8.02 mm
Length: 5 mm ±0.25
Flange OD: 11 mm ±0.25
Flange Thickness: 1.5 mm ±0.125
Weight: 0.003 lbs / 1.4 g
Press Fit
Housing Bore: 7.98268 mm ±0.013
Shaft Diameter: 4.9093 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-M/mm ² -s)
Calculated P: 0 (N/mm ²)
Calculated V: 0 (m/s)
Calculated PV: 0 (N-M/mm ² -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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