Oilite[®] SYNTHETIC PERFORMANCE DIFFERENCE®

SOFMP1420-10

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: 14.035 mm ID Min: 14.01 mm Nominal OD: 20 mm OD Max: 20.055 mm OD Min: 20.03 mm Length: 10 mm ±0.25 Flange OD: 26 mm ±0.25 Flange Thickness: 3 mm ±0.125 Weight: 0.026 lbs / 11.8 g
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Press Fit
Housing Bore: 19.98308 mm ±0.013
Shaft Diameter: 13.90615 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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