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

# SOFMP1420-20

## 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
Nominal OD: 20 mm
OD Max: 20.055 mm
OD Min: 20.03 mm
Length: 20 mm ±0.25
Flange OD: 26 mm ±0.25
Flange Thickness: 3 mm ±0.125
Weight: 0.05 lbs / 22.7 g
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 <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 ASTM B-439 GR 4 FC-2000-K30

Preferred Supplier -Beemer Precision, Inc. All Products Made in the U.S.A Contact (215) 646-8440 https://oilite.com Beemer Precision, Inc. ("Beemer") supplies these drawings and specifications for illustration purposes only and without representation or warranty of any kind whatsoever. The buyer is solely responsible for determining whether a bearing is suitable for the buyer's application. Dimensions, tolerances, and materials may change at any time. All bearing sales are subject to Beemer's Standard Terms and Conditions of Sale, which may be found <u>here</u> Copyright Beemer Precision, Inc.