Oilite[®] SYNTHETIC PERFORMANCE DIFFERENCE®

SOFMP1420-14

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: 14 mm
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: 14 mm ±0.25
Flange OD: 26 mm ±0.25
Flange Thickness: 3 mm ±0.125
Weight: 0.035 lbs / 15.9 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 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 Balls Contified
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.