oilite® SYNTHETIC PERFORMANCE DIFFERENCE®



# SOAMP1218-12

## Super Oilite® M-Series Metric/PLUS

### Sleeve

PTFE Additive-Reduced Friction Synthetic Oilite® Plus-SPD™. Extreme Performance-Unique Applications.

Temp Range -50°C to +149°C

### Dimensions & Tolerances

| | |
|---|---|
| Nominal ID: | 12 mm |
| ID Max: | 12.035 mm |
| ID Min: | 12.01 mm |
| Nominal OD: | 18 mm |
| OD Max: | 18.055 mm |
| OD Min: | 18.03 mm |
| Length: | 12 mm ±0.25 |
| Weight: | 0.025 lbs / 11.3 g |

### Press Fit

| | |
|---|---|
| Housing Bore: | 17.98468 mm ±0.013 |
| Shaft Diameter: | 11.90859 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<br>Conflict Free<br>RoHS Certified<br>Reach Certified |
| Engineering Preferences: | Conducts Electricity |
| Specifications Met: | **SAE 863**<br>**ASTM B-439 GR 4**<br>**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 here
Copyright Beemer Precision, Inc.