oilite® SYNTHETIC PERFORMANCE DIFFERENCE®



# SOFP318-03

## Super Oilite®/PLUS

### Flange

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

Temp Range -60°F to +300°F

### Dimensions & Tolerances

| | |
|---|---|
| Nominal ID: | 0.375 " |
| ID Max: | 0.377 " |
| ID Min: | 0.376 " |
| Nominal OD: | 0.5 " |
| OD Max: | 0.503 " |
| OD Min: | 0.502 " |
| Length: | 0.75 " ±0.01 |
| Flange OD: | 0.6875 " ±0.01 |
| Flange Thickness: | 0.0625 " ±0.005 |
| Weight: | 0.022 lbs / 10 g |

### Press Fit

| | |
|---|---|
| Housing Bore: | 0.5004 " ±0.0005 |
| Shaft Diameter: | 0.37222 " ±0.0002 |

### Temperature

| | |
|---|---|
| Max Temp F / C: | 300 / 149 |
| Min Temp F / C: | -60 / -51 |

### Pressure Ratings

| | |
|---|---|
| Max P: | 4000 (psi) |
| Max V: | 225 (sf/m) |
| Max PV: | 35000 (lb-ft/in$^2$-min) |
| Calculated P: | 0 (psi) |
| Calculated V: | 0 (sf/m) |
| Calculated PV: | 0 (lb-ft/in$^2$-min) |

### 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

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