oilite® SYNTHETIC PERFORMANCE DIFFERENCE®



SOF318-03

Super Oilite®

Flange

Iron-Based Sintered Product Impregnated with Extreme Pressure Synthetic AM3-SPD™. Higher Load-Slower Speed Designs Economic Alternative Material.

Temp Range -15°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:	-15 / -26

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 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

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