oilite® SYNTHETIC PERFORMANCE DIFFERENCE®



SOT1002-01

Super Oilite®

Thrust

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:	0.625 "
ID Max:	0.633 "
ID Min:	0.623 "
Nominal OD:	1 "
OD Max:	1.01 "
OD Min:	0.99 "
Length:	0.0625 " ±0.005
Weight:	0.007 lbs / 3.2 g

Press Fit

Housing Bore:	1.00699 " ±0.0005
Shaft Diameter:	0.62773 " ±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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