oilite® SYNTHETIC PERFORMANCE DIFFERENCE®



SOT1001-01

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:	0.5 "
ID Max:	0.515 "
ID Min:	0.505 "
Nominal OD:	1 "
OD Max:	1.01 "
OD Min:	0.99 "
Length:	0.125 " ±0.005
Weight:	0.017 lbs / 7.7 g

Press Fit

Housing Bore:	1.00699 " ±0.0005
Shaft Diameter:	0.50979 " ±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

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.