



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/in²-min)
Calculated P: 0 (psi)
Calculated V: 0 (sf/m)
Calculated PV: 0 (lb-ft/in²-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