



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/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