



## SOF621-03

### Super Oilite<sup>®</sup>

#### 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: 0.5 "  
ID Max: 0.503 "  
ID Min: 0.502 "  
Nominal OD: 0.75 "  
OD Max: 0.753 "  
OD Min: 0.752 "  
Length: 0.75 " ±0.01  
Flange OD: 1 " ±0.01  
Flange Thickness: 0.125 " ±0.005  
Weight: 0.062 lbs / 28.1 g

#### Press Fit

Housing Bore: 0.7502 " ±0.0005  
Shaft Diameter: 0.49798 " ±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<sup>2</sup>-min)  
Calculated P: 0 (psi)  
Calculated V: 0 (sf/m)  
Calculated PV: 0 (lb-ft/in<sup>2</sup>-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