



## SOF1213-04

### 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: 1 "   
ID Max: 1.001 "   
ID Min: 1 "   
Nominal OD: 1.25 "   
OD Max: 1.252 "   
OD Min: 1.2505 "   
Length: 1.5 " ±0.01   
Flange OD: 1.5 " ±0.015   
Flange Thickness: 0.125 " ±0.005   
Weight: 0.16 lbs / 72.6 g

#### Press Fit

Housing Bore: 1.2488 " ±0.0005   
Shaft Diameter: 0.99537 " ±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