



SOF318-03FC

Super Oilite[®] Food-Contact Flange

Sintered Bronze Impregnated with Food
Grade Mineral Oil: FDA 21 CRF
172.878. Specialty Food Application.
Temp Range -10°F to +220°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: 220 / 104
Min Temp F / C: -10 / -23

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: USDA-H1 Certified
Food Contact Certified
Lead-Free
Conflict Free
RoHS Certified
Reach Certified
Engineering Preferences: Conducts Electricity
Specifications Met: SAE 863
ASTM B-439 GR 4
FC-2000-K30