oilite® SYNTHETIC PERFORMANCE DIFFERENCE®



SOF520-05FC

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:	0.3765 "
ID Min:	0.3755 "
Nominal OD:	0.5 "
OD Max:	0.502 "
OD Min:	0.501 "
Length:	0.5 " ±0.01
Flange OD:	0.625 " ±0.01
Flange Thickness:	0.0625 " ±0.005
Weight:	0.012 lbs / 5.4 g

Press Fit

Housing Bore:	0.4994 " ±0.0005
Shaft Diameter:	0.37172 " ±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/in^2-min)
Calculated P:	0 (psi)
Calculated V:	0 (sf/m)
Calculated PV:	0 (lb-ft/in^2-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**

Preferred Supplier -
Beemer Precision, Inc.
All Products Made in the U.S.A
Contact (215) 646-8440
https://oilite.com

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