oilite® SYNTHETIC PERFORMANCE DIFFERENCE®



FFM0508-05FC

Oilite® M-Series Food-Contact

Flange

Sintered Bronze Impregnated with Food Grade Mineral Oil: FDA 21 CFR 172.878.

Temp Range -23°C to +100°C

Dimensions & Tolerances

Nominal ID:	5 mm
ID Max:	5.02 mm
ID Min:	5 mm
Nominal OD:	8 mm
OD Max:	8.04 mm
OD Min:	8.02 mm
Length:	5 mm ±0.127
Flange OD:	11 mm ±0.127
Flange Thickness:	1.5 mm ±0.0635
Weight:	0.003 lbs / 1.4 g

Press Fit

Housing Bore:	7.98357 mm ±0.013
Shaft Diameter:	4.91722 mm ±0.005

Temperature

Max Temp F / C:	220 / 104
Min Temp F / C:	-10 / -23

Pressure Ratings

Max P:	13.78 (N/mm^2)
Max V:	6.1 (m/s)
Max PV:	1.75 ($N\text{-}M/mm^2\text{-}s$)
Calculated P:	0 (N/mm^2)
Calculated V:	0 (m/s)
Calculated PV:	0 ($N\text{-}M/mm^2\text{-}s$)

Material Specifications

Lubrication:	Self-Lubricating
Regulations:	USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified
Engineering Preferences:	Conducts Electricity Corrosion Resistant
Specifications Met:	**SAE 841** **ASTM B-438 GR 1 TYPE 2** **CT-1000-K26**

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

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