oilite® SYNTHETIC PERFORMANCE DIFFERENCE®



FFM1420-18FC

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:	14 mm
ID Max:	14.03 mm
ID Min:	14.01 mm
Nominal OD:	20 mm
OD Max:	20.06 mm
OD Min:	20.04 mm
Length:	18 mm ±0.127
Flange OD:	26 mm ±0.127
Flange Thickness:	3 mm ±0.0635
Weight:	0.045 lbs / 20.4 g

Press Fit

Housing Bore:	19.99516 mm ±0.013
Shaft Diameter:	13.91514 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 ($N-M/mm^2-s$)
Calculated P:	0 (N/mm^2)
Calculated V:	0 (m/s)
Calculated PV:	0 ($N-M/mm^2-s$)

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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