oilite® SYNTHETIC PERFORMANCE DIFFERENCE®



FFM1013-12NT

Oilite® M-Series Metric Non-Tox

Flange

USDA H1 Approved Synthetic Lubricant: Non-Tox-SPD™. For Incidental Food Contact Applications Temp Range -59°C to +175°C

Dimensions & Tolerances

Nominal ID:	10 mm
ID Max:	10.03 mm
ID Min:	10.01 mm
Nominal OD:	13 mm
OD Max:	13.05 mm
OD Min:	13.03 mm
Length:	12 mm ±0.127
Flange OD:	16 mm ±0.127
Flange Thickness:	1.5 mm ±0.0635
Weight:	0.013 lbs / 5.9 g

Press Fit

Housing Bore:	12.99007 mm ±0.013
Shaft Diameter:	9.92156 mm ±0.005

Temperature

Max Temp F / C:	420 / 216
Min Temp F / C:	-75 / -59

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 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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