oilite® SYNTHETIC PERFORMANCE DIFFERENCE®



TTMP1018-02

Oilite® M-Series

Metric/PLUS

Thrust

PTFE Additive-Reduced Friction Synthetic Oilite®/Plus-SPD™. Extreme Performance-Unique Applications.

Temp Range -50°C to +149°C

Dimensions & Tolerances

Nominal ID:	10 mm
ID Max:	10.25 mm
ID Min:	10 mm
Nominal OD:	18 mm
OD Max:	18.25 mm
OD Min:	17.75 mm
Length:	2 mm ±0.065
Weight:	0.0052 lbs / 2.4 g

Press Fit

Housing Bore:	18.18643 mm ±0.013
Shaft Diameter:	10.13817 mm ±0.005

Temperature

Max Temp F / C:	300 / 149
Min Temp F / C:	-60 / -51

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:	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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