oilite® SYNTHETIC PERFORMANCE DIFFERENCE®



FFM1218-12

Oilite® M-Series Metric

Flange

Sintered Bronze Impregnated with Synthetic Performance Difference™ AM1-SPD™.

Largest Selection of Metric Sizes World Wide.

Temp Range -37°C to +149°C

Dimensions & Tolerances

Nominal ID:	12 mm
ID Max:	12.03 mm
ID Min:	12.01 mm
Nominal OD:	18 mm
OD Max:	18.05 mm
OD Min:	18.03 mm
Length:	12 mm ±0.127
Flange OD:	24 mm ±0.127
Flange Thickness:	3 mm ±0.0635
Weight:	0.027 lbs / 12.2 g

Press Fit

Housing Bore:	17.98657 mm ±0.013
Shaft Diameter:	11.91741 mm ±0.005

Temperature

Max Temp F / C:	300 / 149
Min Temp F / C:	-35 / -37

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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