## **Oilite**<sup>®</sup> SYNTHETIC PERFORMANCE DIFFERENCE®

## FFM0812-16B

## **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
Dimensions		1 Olci alloco

Dimensions & Tolerances			
Nominal ID:	8 mm		
ID Max:	8.03 mm		
ID Min:	8.01 mm		
Nominal OD:	12 mm		
OD Max:	12.05 mm		
OD Min:	12.03 mm		
Length:	16 mm ±0.127		
Flange OD:	16 mm ±0.127		
Flange Thickness:	2 mm ±0.0635		
Weight:	0.153 lbs / 69.4 g		
Press Fit			
Housing Bore:	11.99077 mm ±0.013		
Shaft Diameter:	7.92319 mm ±0.005		
Temperature			
Max Temp F / C:	300 / 149		
Min Temp F / C:	-35 / -37		
Pressure Ratings			
Max P:	13.78 (N/mm <sup>2</sup> )		
Max V:	6.1 (m/s)		
Max PV:	1.75 (N-M/mm <sup>2</sup> -s)		
Calculated P:	0 (N/mm <sup>2</sup> )		
Calculated V:	0 (m/s)		
Calculated PV:	0 (N-M/mm <sup>2</sup> -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		

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