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

## FFM0812-08B

## **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:	8 mm ±0.127
Flange OD:	16 mm ±0.127
Flange Thickness:	2 mm ±0.0635
Weight:	0.08 lbs / 36.3 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

Beemer Precision, Inc. ("Beemer") supplies these drawings and specifications for illustration purposes only and without representation or warranty of any kind whatsoever. The buyer is solely responsible for determining whether a bearing is suitable for the buyer's application. Dimensions, tolerances, and materials may change at any time. All bearing sales are subject to Beemer's Standard Terms and Conditions of Sale, which may be found <u>here</u> Copyright Beemer Precision, Inc.