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

## SOFM2532-25

## Super Oilite® M-Series Metric

## Flange

Iron-Based Sintered Product Impregnated with Extreme Pressure Synthetic AM3-SPD<sup>™</sup>. Higher Load, Slower Speed Designs Economic Alternative Material.

Temp Range -26°C to +149°C



Dimensions	&	Tolerances
Dimonolonio	~	1010101000

Dimensions & Tolerances	
Nominal ID: 25 mm	
ID Max: 25.035 mm	
ID Min: 25.01 mm	
Nominal OD: 32 mm	
OD Max: 32.07 mm	
OD Min: 32.04 mm	
Length: 25 mm ±0.25	
Flange OD: 39 mm ±0.4	
Flange Thickness: 3.5 mm ±0.2	
Weight: 0.13 lbs / 59 g	
Press Fit	-
Housing Bore: 31.98846 mm ±0.013	
Shaft Diameter: 24.89201 mm ±0.005	
Temperature	-
Max Temp F / C: 300 / 149	
Min Temp F / C: -15 / -26	
Pressure Ratings	-
Max P: 27.56 (N/mm <sup>2</sup> )	
Max V: 1.14 (m/s)	
Max PV: 1.225 (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	
Specifications Met: SAE 863	
ASTM B-439 GR 4	
FC-2000-K30	

Preferred Supplier -Beemer Precision, Inc. All Products Made in the U.S.A Contact (215) 646-8440 https://oilite.com 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.