Oilite[®] SYNTHETIC PERFORMANCE DIFFERENCE®

SOFM1420-18

Super Oilite® M-Series Metric

Flange

Iron-Based Sintered Product Impregnated with Extreme Pressure Synthetic AM3-SPD[™]. Higher Load, Slower Speed Designs Economic Alternative Material.

Temp Range -26°C to +149°C



Dimensions	&	Tolerances
Dimonolonio	~	1010101000

Dimensions & Tolerances	
Nominal ID:	14 mm
ID Max:	14.035 mm
ID Min:	14.01 mm
Nominal OD:	20 mm
OD Max:	20.055 mm
OD Min:	20.03 mm
Length:	18 mm ±0.25
Flange OD:	26 mm ±0.25
Flange Thickness:	3 mm ±0.125
Weight:	0.045 lbs / 20.4 g
Press Fit	
Housing Bore:	19.98308 mm ±0.013
Shaft Diameter:	13.90615 mm ±0.005
Temperature	
Max Temp F / C:	300 / 149
Min Temp F / C:	-15 / -26
Pressure Ratings	
Max P:	27.56 (N/mm ²)
Max V:	1.14 (m/s)
Max PV:	1.225 (N-M/mm ² -s)
Calculated P:	0 (N/mm ²)
Calculated V:	
Calculated PV:	0 (N-M/mm ² -s)
Material Specifications	
Lubrication:	Self-Lubricating
Regulations:	
	Conflict Free RoHS Certified
	Reach Certified
Engineering Preferences:	
Specifications Met:	-
	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.