Oilite[®] Synthetic Difference®

SOAM1014-16

Super Oilite® M-Series Metric

Sleeve

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

Dimensions & Tolerances	
Nominal II	D: 10 mm
ID Ma	x: 10.035 mm
ID Mi	n: 10.01 mm
Nominal OI	D: 14 mm
OD Ma	x: 14.055 mm
OD Mi	n: 14.03 mm
Lengt	h: 16 mm ±0.25
Weigh	nt: 0.019 lbs / 8.6 g
Press Fit	
Housing Bor	e: 13.98788 mm ±0.013
Shaft Diamete	er: 9.91247 mm ±0.005
Temperature	
Max Temp F / 0	C: 300 / 149
Min Temp F / 0	C: -15 / -26
Pressure Ratings	
Max	P: 27.56 (N/mm ²)
Max	V: 1.14 (m/s)
Max P'	V: 1.225 (N-M/mm ² -s)
Calculated	P: 0 (N/mm ²)
Calculated	V: 0 (m/s)
Calculated P	V: 0 (N-M/mm ² -s)
Material Specifications	
Lubricatio	n: Self-Lubricating
Regulation	s: Lead-Free Conflict Free RoHS Certified Reach Certified
Engineering Preference	s: Conducts Electricity
Specifications Me	et: 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

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