Oilite[®] Synthetic Difference®

SOAM0812-12

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

Nominal ID: 8 mm ID Max: 8.035 m ID Min: 8.01 m Nominal OD: 12 mm OD Max: 12.055 OD Min: 12.03 m Length: 12 mm Weight: 0.012 m Press Fit Housing Bore: 11.989 Shaft Diameter: 7.9149 Temperature Max Temp F / C: 300 / 1 Min Temp F / C: -15 / -2 Pressure Ratings	
ID Min: 8.01 m Nominal OD: 12 mm OD Max: 12.055 OD Min: 12.03 n Length: 12 mm Weight: 0.012 n Press Fit Housing Bore: 11.989 Shaft Diameter: 7.9149 Temperature Max Temp F / C: 300 / 1 Min Temp F / C: -15 / -2	
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Length: 12 mm Weight: 0.012 Press Fit Housing Bore: 11.989 Shaft Diameter: 7.9149 Temperature Max Temp F / C: 300 / 1 Min Temp F / C: -15 / -2	mm
Weight: 0.012 Press Fit Housing Bore: 11.989 Shaft Diameter: 7.9149 Temperature Max Temp F / C: 300 / 1 Min Temp F / C: -15 / -2	mm
Press Fit Housing Bore: 11.989 Shaft Diameter: 7.9149 Temperature Max Temp F / C: 300 / 1 Min Temp F / C: -15 / -2	±0.25
Housing Bore: 11.989 Shaft Diameter: 7.9149 Temperature Max Temp F / C: 300 / 1 Min Temp F / C: -15 / -2	bs / 5.4 g
Shaft Diameter: 7.9149 Temperature Max Temp F / C: 300 / 1 Min Temp F / C: -15 / -2	
Temperature Max Temp F / C: 300 / 1 Min Temp F / C: -15 / -2	48 mm ±0.013
Max Temp F / C: 300 / 1 Min Temp F / C: -15 / -2	1 mm ±0.005
Min Temp F / C: -15 / -2	
	49
Pressure Ratings	26
Max P: 27.56	(N/mm ²)
Max V: 1.14 (r	n/s)
Max PV: 1.225	(N-M/mm ² -s)
Calculated P: 0 (N/m	m ²)
Calculated V: 0 (m/s))
Calculated PV: 0 (N-M	/mm ² -s)
Material Specifications	
Lubrication: Self-Lu	Ibricating
Engineering Preferences: Condu	cts Electricity
Specifications Met: SAE 8 ASTM FC-20	

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

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