# **Oilite**<sup>®</sup> Synthetic Difference®

## SOAM0812-08

## Super Oilite® M-Series Metric

#### Sleeve

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**

Dimensions & Tolerances	
Nominal II	): 8 mm
ID Ma	x: 8.035 mm
ID Mir	n: 8.01 mm
Nominal OE	D: 12 mm
OD Ma	x: 12.055 mm
OD Mir	n: 12.03 mm
Lengtl	h: 8 mm ±0.25
Weigh	it: 0.008 lbs / 3.6 g
Press Fit	
Housing Bore	e: 11.98948 mm ±0.013
Shaft Diamete	r: 7.91491 mm ±0.005
Temperature	
Max Temp F / C	C: 300 / 149
Min Temp F / C	D: -15 / -26
Pressure Ratings	
Max F	<sup>D</sup> : 27.56 (N/mm <sup>2</sup> )
Max	√: 1.14 (m/s)
Max P	√: 1.225 (N-M/mm <sup>2</sup> -s)
Calculated F	<sup>D</sup> : 0 (N/mm <sup>2</sup> )
Calculated	/: 0 (m/s)
Calculated P	√: 0 (N-M/mm <sup>2</sup> -s)
Material Specifications	
Lubrication	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

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