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

## SOAM0814-20

## 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 & Tolera	inces		
	Nominal ID:	8 mm	
	ID Max:	8.035 mm	
	ID Min:	8.01 mm	
	Nominal OD:	14 mm	
	OD Max:	14.055 mm	
	OD Min:	14.03 mm	
	Length:	20 mm ±0.25	
	Weight:	0.032 lbs / 14.5 g	
Press Fit			
	Housing Bore:	13.98788 mm ±0.013	
	Shaft Diameter:	7.91347 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 Specification	ns		
	Lubrication:	Self-Lubricating	
	Regulations:	Lead-Free Conflict Free RoHS Certified Reach Certified	
Eng	gineering Preferences:	Conducts Electricity	
	Specifications Met:	SAE 863 ASTM B-439 GR 4 FC-2000-K30	

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