## **Oilite**<sup>®</sup> SYNTHETIC PERFORMANCE DIFFERENCE®

# SOAM4555-50

## 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 ID:	45 mm
ID Max:	45.06 mm
ID Min:	45.01 mm
Nominal OD:	55 mm
OD Max:	55.1 mm
OD Min:	55.05 mm
Length:	50 mm ±0.4
Weight:	0.572 lbs / 259.5 g
Press Fit	
Housing Bore:	54.99369 mm ±0.013
Shaft Diameter:	44.87201 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 Specifications	
Lubrication:	Self-Lubricating
Regulations:	Lead-Free Conflict Free RoHS Certified Reach Certified
Engineering Preferences:	Conducts Electricity
Specifications Met:	SAE 863 ASTM B-439 GR 4 FC-2000-K30

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