Oilite[®] Synthetic Difference®

SOAM0508-04

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	: 5 mm
ID Max	:: 5.025 mm
ID Min	: 5 mm
Nominal OD	: 8 mm
OD Max	:: 8.045 mm
OD Min	: 8.02 mm
Length	: 4 mm ±0.25
Weight	:: 0.002 lbs / 0.9 g
Press Fit	
Housing Bore	: 7.98268 mm ±0.013
Shaft Diameter	: 4.9093 mm ±0.005
Temperature	
Max Temp F / C	: 300 / 149
Min Temp F / C	: -15 / -26
Pressure Ratings	
Max P	: 27.56 (N/mm ²)
Max V	′: 1.14 (m/s)
Max PV	′: 1.225 (N-M/mm ² -s)
Calculated P	: 0 (N/mm ²)
Calculated V	′: 0 (m/s)
Calculated PV	′: 0 (N-M/mm ² -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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