Oilite[®] Synthetic Difference®

SOAM4555-35

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

Dimensions & Tolerances	
Nominal IE	D: 45 mm
ID Ma:	k: 45.06 mm
ID Mir	n: 45.01 mm
Nominal OE): 55 mm
OD Max	k: 55.1 mm
OD Mir	n: 55.05 mm
Length	n: 35 mm ±0.25
Weigh	t: 0.4 lbs / 181.4 g
Press Fit	
Housing Bore	e: 54.99369 mm ±0.013
Shaft Diamete	r: 44.87201 mm ±0.005
Temperature	
Max Temp F / C	2: 300 / 149
Min Temp F / C	2: -15 / -26
Pressure Ratings	
Max F	P: 27.56 (N/mm ²)
Max \	/: 1.14 (m/s)
Max P\	/: 1.225 (N-M/mm ² -s)
Calculated F	P: 0 (N/mm ²)
Calculated \	/: 0 (m/s)
Calculated P\	/: 0 (N-M/mm ² -s)
Material Specifications	
Lubrication	n: Self-Lubricating
Regulations	s: Lead-Free Conflict Free RoHS Certified Reach Certified
Engineering Preferences	s: Conducts Electricity
Specifications Me	t: SAE 863 ASTM B-439 GR 4 FC-2000-K30

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

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