Oilite[®] SYNTHETIC PERFORMANCE DIFFERENCE®

SOAM3545-50

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 I	D: 35 mm
ID Ma:	x: 35.04 mm
ID Mir	n: 35.01 mm
Nominal OI	D: 45 mm
OD Ma	x: 45.09 mm
OD Min	n: 45.04 mm
Lengtl	h: 50 mm ±0.4
Weigh	nt: 0.462 lbs / 209.6 g
Press Fit	
Housing Bore	e: 44.9917 mm ±0.013
Shaft Diamete	er: 34.86423 mm ±0.005
Temperature	
Max Temp F / 0	C: 300 / 149
Min Temp F / C	C: -15 / -26
Pressure Ratings	
Max F	P: 27.56 (N/mm ²)
Max	V: 1.14 (m/s)
Max P\	√: 1.225 (N-M/mm ² -s)
Calculated F	P: 0 (N/mm ²)
Calculated	V: 0 (m/s)
Calculated P	V: 0 (N-M/mm ² -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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