Oilite[®] Synthetic Difference®

SOAM1825-18

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 ID	D: 18 mm
ID Max	k: 18.035 mm
ID Mir	n: 18.01 mm
Nominal OE): 25 mm
OD Max	k: 25.065 mm
OD Mir	n: 25.04 mm
Length	n: 18 mm ±0.25
Weigh	t: 0.062 lbs / 28.1 g
Press Fit	
Housing Bore	e: 24.98907 mm ±0.013
Shaft Diamete	r: 17.90055 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 V	/: 1.14 (m/s)
Max PV	/: 1.225 (N-M/mm ² -s)
Calculated F	P: 0 (N/mm ²)
Calculated V	/: 0 (m/s)
Calculated PV	/: 0 (N-M/mm ² -s)
Material Specifications	
Lubrication	n: Self-Lubricating
Regulations	s: Lead-Free Conflict Free RoHS Certified Reach Certified
Engineering Preferences	: 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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