Oilite[®] Synthetic Difference®

SOAM1822-18

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

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	Nominal ID: 18 mm
	ID Max: 18.035 mm
	ID Min: 18.01 mm
	Nominal OD: 22 mm
	OD Max: 22.065 mm
	OD Min: 22.04 mm
	Length: 18 mm ±0.25
	Weight: 0.034 lbs / 15.4 g
Press Fit	
	Housing Bore: 21.99147 mm ±0.013
S	Shaft Diameter: 17.90271 mm ±0.005
Temperature	
Ma	ax Temp F / C: 300 / 149
Μ	lin 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	g Preferences: Conducts Electricity
Spec	cifications Met: 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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