Oilite[®] Synthetic PERFORMANCE DIFFERENCE®

SOFMP1218-08

Super Oilite® M-Series Metric/PLUS

Flange

PTFE Additive-Reduced Friction Synthetic Oilite® Plus-SPD™. Extreme Performance-Unique Applications.

Temp Range -50°C to +149°C



Dimensions & Tolerances

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	Nominal ID: 12 mm
	ID Max: 12.035 mm
	ID Min: 12.01 mm
	Nominal OD: 18 mm
	OD Max: 18.055 mm
	OD Min: 18.03 mm
	Length: 8 mm ±0.25
	Flange OD: 24 mm ±0.25
F	Flange Thickness: 3 mm ±0.125
	Weight: 0.019 lbs / 8.6 g
Press Fit	
	Housing Bore: 17.98468 mm ±0.013
	Shaft Diameter: 11.90859 mm ±0.005
Temperature	
	Max Temp F / C: 300 / 149
	Min Temp F / C: -60 / -51
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
Enginee	ering Preferences: Conducts Electricity
-	pecifications Met: SAE 863
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	ASTM B-439 GR 4

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