Oilite[®] SYNTHETIC PERFORMANCE DIFFERENCE®

SOFM1218-08

Super Oilite® M-Series Metric

Flange

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
Dimonolonio	~	1010101000

Dimensions & Tolerances	
Nominal ID: 7	12 mm
ID Max: 1	12.035 mm
ID Min: 1	12.01 mm
Nominal OD: 7	18 mm
OD Max: 1	18.055 mm
OD Min: 1	18.03 mm
Length: 8	8 mm ±0.25
Flange OD: 2	24 mm ±0.25
Flange Thickness: 3	3 mm ±0.125
Weight: 0	0.019 lbs / 8.6 g
Press Fit	
Housing Bore: 7	17.98468 mm ±0.013
Shaft Diameter: 7	11.90859 mm ±0.005
Temperature	
Max Temp F / C: 3	300 / 149
Min Temp F / C: -	-15 / -26
Pressure Ratings	
Max P: 2	27.56 (N/mm ²)
Max V: 1	1.14 (m/s)
Max PV: 1	1.225 (N-M/mm ² -s)
Calculated P: 0	0 (N/mm ²)
Calculated V: 0	0 (m/s)
Calculated PV: 0	0 (N-M/mm ² -s)
Material Specifications	
Lubrication:	Self-Lubricating
Regulations: I	
	Conflict Free RoHS Certified
	Rons Certified
Engineering Preferences:	
Specifications Met:	-
	ASTM B-439 GR 4
	FC-2000-K30

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