## **Oilite**<sup>®</sup> SYNTHETIC PERFORMANCE DIFFERENCE®

## SOFM1519-12

## Super Oilite® M-Series Metric

## Flange

Iron-Based Sintered Product Impregnated with Extreme Pressure Synthetic AM3-SPD<sup>™</sup>. Higher Load, Slower Speed Designs Economic Alternative Material.

Temp Range -26°C to +149°C



Dimensions	&	Tolerances
Dimonolonio	~	1010101000

Dimensions & Tolerances	
Nominal ID:	15 mm
ID Max:	15.035 mm
ID Min:	15.01 mm
Nominal OD:	19 mm
OD Max:	19.065 mm
OD Min:	19.04 mm
Length:	12 mm ±0.25
Flange OD: 2	23 mm ±0.25
Flange Thickness: 2	2 mm ±0.125
Weight:	0.02 lbs / 9.1 g
Press Fit	
Housing Bore:	18.99387 mm ±0.013
Shaft Diameter:	14.90636 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 <sup>2</sup> )
Max V:	1.14 (m/s)
Max PV:	1.225 (N-M/mm <sup>2</sup> -s)
Calculated P:	0 (N/mm <sup>2</sup> )
Calculated V:	0 (m/s)
Calculated PV:	0 (N-M/mm <sup>2</sup> -s)
Material Specifications	
Lubrication:	Self-Lubricating
Regulations:	Lead-Free Conflict Free
	RoHS Certified Reach Certified
Engineering Preferences:	Conducts Electricity
Specifications Met:	-
	ASTM B-439 GR 4 FC-2000-K30

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