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

## FFM1218-12

## **Oilite® M-Series Metric**

## Flange

Sintered Bronze Impregnated with Synthetic Performance Difference™ AM1-SPD™.

Largest Selection of Metric Sizes World Wide.

Temp Range -37°C to +149°C



Dimensions & Tolerances	
Nominal ID:	12 mm
ID Max:	12.03 mm
ID Min:	12.01 mm
Nominal OD:	18 mm
OD Max:	18.05 mm
OD Min:	18.03 mm
Length:	12 mm ±0.127
Flange OD:	24 mm ±0.127
Flange Thickness:	3 mm ±0.0635
Weight:	0.027 lbs / 12.2 g
Press Fit	
Housing Bore:	17.98657 mm ±0.013
Shaft Diameter:	11.91741 mm ±0.005
Temperature	
Max Temp F / C:	300 / 149
Min Temp F / C:	-35 / -37
Pressure Ratings	
Max P:	13.78 (N/mm <sup>2</sup> )
Max V:	6.1 (m/s)
Max PV:	1.75 (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:	
Ligineening i Telefences.	Corrosion Resistant
Specifications Met:	
	ASTM B-438 GR 1 TYPE 2
	СТ-1000-К26

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