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

## SOFM3238-32

## 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
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Dimensions & Tolerances	
Nominal ID: 32 mm	
ID Max: 32.04 mm	
ID Min: 32.01 mm	
Nominal OD: 38 mm	
OD Max: 38.07 mm	
OD Min: 38.04 mm	
Length: 32 mm ±0.25	
Flange OD: 46 mm ±0.4	
Flange Thickness: 4 mm ±0.2	
Weight: 0.25 lbs / 113.4 g	
Press Fit	-
Housing Bore: 37.98366 mm ±0.013	
Shaft Diameter: 31.88918 mm ±0.005	
Temperature	-
Max Temp F / C: 300 / 149	
Min Temp F / C: -15 / -26	
Pressure Ratings	-
Max P: 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: SAE 863	
ASTM B-439 GR 4	
FC-2000-K30	

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