Oilite[®] SYNTHETIC PERFORMANCE DIFFERENCE®

SOFM3540-32

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	
Nominal ID: 35 mm	
ID Max: 35.04 mm	
ID Min: 35.01 mm	
Nominal OD: 40 mm	
OD Max: 40.09 mm	
OD Min: 40.04 mm	
Length: 32 mm ±0.25	
Flange OD: 45 mm ±0.4	
Flange Thickness: 2.5 mm ±0.2	
Weight: 0.138 lbs / 62.6 g	
Press Fit	
Housing Bore: 39.9957 mm ±0.013	
Shaft Diameter: 34.86783 mm ±0.005	
Temperature	
Max Temp F / C: 300 / 149	
Min Temp F / C: -15 / -26	
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	
Engineering Preferences: Conducts Electricity	
Specifications Met: SAE 863	
ASTM B-439 GR 4	
FC-2000-K30	

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