Oilite[®] SYNTHETIC PERFORMANCE DIFFERENCE®

SOFM5060-40

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: 50 mm
ID Max: 50.06 mm
ID Min: 50.01 mm
Nominal OD: 60 mm
OD Max: 60.1 mm
OD Min: 60.05 mm
Length: 40 mm ±0.4
Flange OD: 70 mm ±0.4
Flange Thickness: 5 mm ±0.2
Weight: 0.969 lbs / 439.5 g
Press Fit
Housing Bore: 59.98969 mm ±0.013
Shaft Diameter: 49.86592 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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