

SOFM4046-20

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: 40 mm
ID Max: 40.06 mm
ID Min: 40.01 mm
Nominal OD: 46 mm
OD Max: 46.09 mm
OD Min: 46.04 mm
Length: 20 mm ± 0.25
Flange OD: 56 mm ± 0.4
Flange Thickness: 5 mm ± 0.2
Weight: 0.298 lbs / 135.2 g

Press Fit

Housing Bore: 45.9909 mm ± 0.013
Shaft Diameter: 39.881 mm ± 0.005

Temperature

Max Temp F / C: 300 / 149
Min Temp F / C: -15 / -26

Pressure Ratings

Max P: 27.56 (N/mm²)
Max V: 1.14 (m/s)
Max PV: 1.225 (N-M/mm²-s)
Calculated P: 0 (N/mm²)
Calculated V: 0 (m/s)
Calculated PV: 0 (N-M/mm²-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