Oilite[®] SYNTHETIC PERFORMANCE DIFFERENCE®

SOFM1016-08

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 |
|-------------|---|------------|
| Dimonolonio | ~ | 1010101000 |

| Dimensions & Tolerances | |
|----------------------------|-----------------------------------|
| Nominal ID: 1 | 10 mm |
| ID Max: 1 | 10.035 mm |
| ID Min: 1 | 10.01 mm |
| Nominal OD: 1 | 16 mm |
| OD Max: 1 | 16.055 mm |
| OD Min: 1 | 16.03 mm |
| Length: 8 | 3 mm ±0.25 |
| Flange OD: 2 | 22 mm ±0.25 |
| Flange Thickness: 3 | 3 mm ±0.125 |
| Weight: 0 | 0.017 lbs / 7.7 g |
| Press Fit | |
| Housing Bore: 1 | 15.98628 mm ±0.013 |
| Shaft Diameter: 9 | 9.91103 mm ±0.005 |
| Temperature | |
| Max Temp F / C: 3 | 300 / 149 |
| Min Temp F / C: - | 15 / -26 |
| Pressure Ratings | |
| Max P: 2 | 27.56 (N/mm ²) |
| Max V: 1 | 1.14 (m/s) |
| Max PV: 1 | 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: S | Self-Lubricating |
| Regulations: L | _ead-Free |
| | Conflict Free |
| | RoHS Certified Reach Certified |
| Engineering Preferences: C | |
| Specifications Met: S | - |
| • | ASTM B-439 GR 4 |
| F | FC-2000-K30 |
| | |

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