Oilite[®] Synthetic Difference®

SOAM0612-10

Super Oilite® M-Series Metric

Sleeve

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

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|--------------------------|---|
| Nominal ID: | 6 mm |
| ID Max: | 6.025 mm |
| ID Min: | 6 mm |
| Nominal OD: | 12 mm |
| OD Max: | 12.055 mm |
| OD Min: | 12.03 mm |
| Length: | 10 mm ±0.25 |
| Weight: | 0.013 lbs / 5.9 g |
| Press Fit | |
| Housing Bore: | 11.98948 mm ±0.013 |
| Shaft Diameter: | 5.90591 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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Preferred Supplier -Beemer Precision, Inc. All Products Made in the U.S.A Contact (215) 646-8440 https://oilite.com

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