Oilite[®] SYNTHETIC PERFORMANCE DIFFERENCE®

TTM1018-02FC

Oilite® M-Series Food-

Contact

Thrust

Sintered Bronze Impregnated with Food Grade Mineral Oil: FDA 21 CFR 172.878.

Temp Range -23°C to +100°C



Dimensions & Tolerances

Nominal ID: 10 mm ID Max: 10.25 mm ID Min: 10 mm Nominal OD: 18 mm OD Max: 18.25 mm OD Max: 18.25 mm OD Min: 17.75 mm Length: 2 mm ±0.065 Weight: 0.0052 lbs / 2.4 g Press Fit Housing Bore: 18.18643 mm ±0.013 Shaft Diameter: 10.13817 mm ±0.005 Temperature Max Temp F / C: 220 / 104
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Temperature
-
Max Temp F / C: 220 / 104
Min Temp F / C: -10 / -23
Pressure Ratings
Max P: 13.78 (N/mm ²)
Max V: 6.1 (m/s)
Max PV: 1.75 (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: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified
Engineering Preferences: Conducts Electricity Corrosion Resistant
Specifications Met: SAE 841 ASTM B-438 GR 1 TYPE 2 CT-1000-K26

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