Oilite[®] SYNTHETIC PERFORMANCE DIFFERENCE®

FFM0812-08FC

Oilite® M-Series Food-

Contact

Flange

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

Temp Range -23°C to +100°C



Dimensions & Tolerances

ID Max: 8.03 mm ID Min: 8.01 mm Nominal OD: 12 mm OD Max: 12.05 mm OD Min: 12.03 mm Length: 8 mm ±0.127 Flange OD: 16 mm ±0.127 Flange OD: 16 mm ±0.127 Flange Thickness: 2 mm ±0.0635 Weight: 0.008 lbs / 3.6 g Press Fit Housing Bore: 11.99077 mm ±0.013 Shaft Diameter: 7.92319 mm ±0.013 Shaft Diameter: 7.92319 mm ±0.005 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 V: 6.1 (m/s) Calculated P: 0 (N/mm ² -s) Calculated V: 0 (m/s) Calculated PV: 0 (N-M/mm ² -s)
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$\begin{array}{c} \text{OD Max: } 12.05 \text{ mm} \\ \text{OD Min: } 12.03 \text{ mm} \\ \text{Length: } 8 \text{ mm } \pm 0.127 \\ \text{Flange OD: } 16 \text{ mm } \pm 0.127 \\ \text{Flange Thickness: } 2 \text{ mm } \pm 0.0635 \\ \text{Weight: } 0.008 \text{ lbs } / 3.6 \text{ g} \end{array}$
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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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