oilite® SYNTHETIC PERFORMANCE DIFFERENCE®



# FF1017-03FC

## Oilite® Food-Contact

### Flange

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

Temp Range -10°F to +220°F

### Dimensions & Tolerances

| | |
|---|---|
| Nominal ID: | 0.875 " |
| ID Max: | 0.877 " |
| ID Min: | 0.876 " |
| Nominal OD: | 1 " |
| OD Max: | 1.004 " |
| OD Min: | 1.003 " |
| Length: | 1 " ±0.005 |
| Flange OD: | 1.25 " ±0.005 |
| Flange Thickness: | 0.1875 " ±0.0025 |
| Weight: | 0.062 lbs / 28.1 g |

### Press Fit

| | |
|---|---|
| Housing Bore: | 1.0013 " ±0.0005 |
| Shaft Diameter: | 0.87218 " ±0.0002 |

### Temperature

| | |
|---|---|
| Max Temp F / C: | 220 / 104 |
| Min Temp F / C: | -10 / -23 |

### Pressure Ratings

| | |
|---|---|
| Max P: | 2000 (psi) |
| Max V: | 1200 (sf/m) |
| Max PV: | 50000 (lb-ft/in$^2$-min) |
| Calculated P: | 0 (psi) |
| Calculated V: | 0 (sf/m) |
| Calculated PV: | 0 (lb-ft/in$^2$-min) |

### Material Specifications

| | |
|---|---|
| Lubrication: | Self-Lubricating |
| Regulations: | USDA-H1 Certified<br>Food Contact Certified<br>Lead-Free<br>Conflict Free<br>RoHS Certified<br>Reach Certified |
| Engineering Preferences: | Conducts Electricity<br>Corrosion Resistant |
| Specifications Met: | **SAE 841**<br>**ASTM B-438 GR 1 TYPE 2**<br>**CT-1000-K26** |

Preferred Supplier -
Beemer Precision, Inc.
All Products Made in the U.S.A
Contact (215) 646-8440
https://oilite.com

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