oilite® SYNTHETIC PERFORMANCE DIFFERENCE®



# WF-0810-03B

## Oilite® Polymer Acetal

### Flange

Bearing Grade, Good Chemical Resistance, Low Moisture Absorption, Max PV 2,700

**Dimensions & Tolerances**

| | |
|---|---|
| Nominal ID: | 0.5 " |
| ID Max: | 0.502 " |
| ID Min: | 0.5 " |
| Nominal OD: | 0.625 " |
| OD Max: | 0.627 " |
| OD Min: | 0.625 " |
| Length: | 0.375 " ±0.005 |
| Flange OD: | 0.875 " ±0.005 |
| Flange Thickness: | 0.0625 " ±0.003 |
| Weight: | lbs / 0 g |

**Press Fit**

| | |
|---|---|
| Housing Bore: | 0.6243 " ±0.0005 |
| Shaft Diameter: | 0.49675 " ±0.0002 |

**Temperature**

| | |
|---|---|
| Max Temp F / C: | 180 / 82 |
| Min Temp F / C: | -40 / -40 |

**Pressure Ratings**

| | |
|---|---|
| Max P: | 1000 (psi) |
| Max V: | 1000 (sf/m) |
| Max PV: | 2700 (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<br>Dry Running |
| Regulations: | Lead-Free<br>Conflict Free<br>RoHS Certified<br>Reach Certified |
| Engineering Preferences: | Washdown<br>Chemical Resistant<br>Corrosion Resistant<br>Electrical Insulation |
| Specifications Met: | |

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

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