# **Oilite**<sup>®</sup> SYNTHETIC PERFORMANCE DIFFERENCE®

## **VF-0810-05B**

## **Oilite® Polymer PTFE**

### Flange

Good Chemical Resistance -Ultra Low Friction, Max PV 1,000



|                         | 002   |
|-------------------------|---|
| Dimensions & Tolerances |   |
|                         | Nominal ID: 0.5 "                             |
|                         | ID Max: 0.504 "                               |
|                         | ID Min: 0.5 "                                 |
|                         | Nominal OD: 0.625 "                           |
|                         | OD Max: 0.629 "                               |
|                         | OD Min: 0.625 "                               |
|                         | Length: 0.625 " ±0.005                        |
|                         | Flange OD: 0.75 " ±0.007                      |
| I                       | Flange Thickness: 0.09375 " ±0.005            |
|                         | Weight: lbs / 0 g                             |
| Press Fit               |   |
|                         | Housing Bore: 0.6243 " ±0.0005                |
|                         | Shaft Diameter: 0.49275 " ±0.0002             |
| Temperature             |   |
|                         | Max Temp F / C: 500 / 260                     |
|                         | Min Temp F / C: -325 / -198                   |
| Pressure Ratings        |   |
|                         | Max P: 500 (psi)                              |
|                         | Max V: 100 (sf/m)                             |
|                         | Max PV: 1000 (lb-ft/in <sup>2</sup> -min)     |
|                         | Calculated P: 0 (psi)                         |
|                         | Calculated V: 0 (sf/m)                        |
|                         | Calculated PV: 0 (lb-ft/in <sup>2</sup> -min) |
| Material Specifications |   |
|                         | Lubrication: Self-Lubricating                 |

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**Dry Running Regulations: USDA-H1 Certified** Food Contact Certified Lead-Free **Conflict Free RoHS** Certified **Reach Certified** Engineering Preferences: Washdown **Chemical Resistant Corrosion Resistant Electrical Insulation** STEAM Specifications Met:

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