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

# PS-1618-08B

## **Oilite® Polymer Peek**

### Sleeve

Bearing Grade Material, Chemical Resistance, High Performance, Low Friction, Max PV 25,000



#### **Dimensions & Tolerances**

| Dimensions & Tolerances  |   |
|--------------------------|---|
| Nominal ID:              | 1 "   |
| ID Max:                  | 1.009 "   |
| ID Min:                  | 1.008 "   |
| Nominal OD:              | 1.125 "   |
| OD Max:                  | 1.1283 "  |
| OD Min:                  | 1.1273 "  |
| Length:                  | 1 " ±0.005  |
| Weight:                  | lbs / 0 g   |
| Press Fit                |   |
| Housing Bore:            | 1.1252 " ±0.0005  |
| Shaft Diameter:          | 1.0031 " ±0.0002  |
| Temperature              |   |
| Max Temp F / C:          | 500 / 260   |
| Min Temp F / C:          | -40 / -40   |
| Pressure Ratings         |   |
| Max P:                   | 4500 (psi)  |
| Max V:                   | 500 (sf/m)  |
| Max PV:                  | 25000 (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<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<br>STEAM |
| Specifications Met:      |   |
|                          |   |

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