oilite® SYNTHETIC PERFORMANCE DIFFERENCE®



# WS-1218-25MB

## Oilite® Polymer Acetal Metric

### Sleeve

Bearing Grade, Good Chemical Resistance, Low Moisture Absorption, Max PV .095

**Dimensions & Tolerances**

| | |
|---|---|
| Nominal ID: | 12 mm |
| ID Max: | 12.05 mm |
| ID Min: | 12 mm |
| Nominal OD: | 18 mm |
| OD Max: | 18.05 mm |
| OD Min: | 18 mm |
| Length: | 25 mm ±0.127 |
| Weight: | lbs / 0 g |

**Press Fit**

| | |
|---|---|
| Housing Bore: | 17.97968 mm ±0.013 |
| Shaft Diameter: | 11.91529 mm ±0.005 |

**Temperature**

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

**Pressure Ratings**

| | |
|---|---|
| Max P: | 6.89 ($N/mm^2$) |
| Max V: | 5.08 (m/s) |
| Max PV: | 0.095 ($N-M/mm^2-s$) |
| Calculated P: | 0 ($N/mm^2$) |
| Calculated V: | 0 (m/s) |
| Calculated PV: | 0 ($N-M/mm^2-s$) |

**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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