oilite® SYNTHETIC PERFORMANCE DIFFERENCE®



# AAM1218-16

## Oilite® M-Series Metric

### Sleeve

Sintered Bronze Impregnated with Synthetic Performance Difference™ AM1-SPD™.

Largest Selection of Metric Sizes World Wide.

Temp Range -37°C to +149°C

### Dimensions & Tolerances

| | |
|---|---|
| Nominal ID: | 12 mm |
| ID Max: | 12.03 mm |
| ID Min: | 12.01 mm |
| Nominal OD: | 18 mm |
| OD Max: | 18.05 mm |
| OD Min: | 18.03 mm |
| Length: | 16 mm ±0.127 |
| Weight: | 0.033 lbs / 15 g |

### Press Fit

| | |
|---|---|
| Housing Bore: | 17.98657 mm ±0.013 |
| Shaft Diameter: | 11.91741 mm ±0.005 |

### Temperature

| | |
|---|---|
| Max Temp F / C: | 300 / 149 |
| Min Temp F / C: | -35 / -37 |

### Pressure Ratings

| | |
|---|---|
| Max P: | 13.78 ($N/mm^2$) |
| Max V: | 6.1 (m/s) |
| Max PV: | 1.75 ($N\text{-}M/mm^2\text{-}s$) |
| Calculated P: | 0 ($N/mm^2$) |
| Calculated V: | 0 (m/s) |
| Calculated PV: | 0 ($N\text{-}M/mm^2\text{-}s$) |

### Material Specifications

| | |
|---|---|
| Lubrication: | Self-Lubricating |
| Regulations: | 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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