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

# AAMP1825-18

## Oilite® M-Series Metric/PLUS

#### Sleeve

PTFE Additive-Reduced Friction Synthetic Oilite®/Plus-SPD™. Extreme Performance-Unique Applications.

Temp Range -50°C to +149°C



### **Dimensions & Tolerances**

| Nominal ID:              | : 18 mm                               |
|--------------------------|---------------------------------------|
| ID Max:                  | : 18.03 mm                            |
| ID Min:                  | : 18.01 mm                            |
| Nominal OD:              | : 25 mm                               |
| OD Max:                  | : 25.06 mm                            |
| OD Min:                  | : 25.04 mm                            |
| Length:                  | : 18 mm ±0.127                        |
| Weight                   | : 0.062 lbs / 28.1 g                  |
| Press Fit                |                                       |
| Housing Bore:            | 24.99166 mm ±0.013                    |
| Shaft Diameter:          | : 17.91 mm ±0.005                     |
| Temperature              |                                       |
| Max Temp F / C:          | : 300 / 149                           |
| Min Temp F / C:          | : -60 / -51                           |
| Pressure Ratings         |                                       |
| Max P:                   | : 13.78 (N/mm <sup>2</sup> )          |
| Max V:                   | : 6.1 (m/s)                           |
| Max PV:                  | : 1.75 (N-M/mm <sup>2</sup> -s)       |
| Calculated P:            | : 0 (N/mm <sup>2</sup> )              |
| Calculated V:            | : 0 (m/s)                             |
| Calculated PV:           | : 0 (N-M/mm <sup>2</sup> -s)          |
| Material Specifications  |                                       |
| Lubrication:             | Self-Lubricating                      |
| Regulations:             | Lead-Free                             |
|                          | Conflict Free                         |
|                          | RoHS Certified<br>Reach Certified     |
| Engineering Preferences: |                                       |
|                          | Corrosion Resistant                   |
| Specifications Met:      | SAE 841                               |
|                          | ASTM B-438 GR 1 TYPE 2<br>CT-1000-K26 |

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