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

## AAM4555-40B

## **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 & Toleran    | Les                  |   |  |
|-------------------------|----------------------|---|--|
|                         | Nominal ID:          | 45 mm   |  |
|                         | ID Max:              | 45.04 mm  |  |
|                         | ID Min:              | 45.01 mm  |  |
|                         | Nominal OD:          | 55 mm   |  |
|                         | OD Max:              | 55.08 mm  |  |
|                         | OD Min:              | 55.05 mm  |  |
|                         | Length:              | 40 mm ±0.1905   |  |
|                         | Weight:              | 0.914 lbs / 414.6 g   |  |
| Press Fit               |                      |   |  |
|                         | Housing Bore:        | 54.98429 mm ±0.013  |  |
|                         | Shaft Diameter:      | 44.86918 mm ±0.005  |  |
| Temperature             |                      |   |  |
|                         | Max Temp F / C:      | 300 / 149   |  |
|                         | Min Temp F / C:      | -35 / -37   |  |
| 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 | 5                    |   |  |
|                         | Lubrication:         | Self-Lubricating  |  |
|                         | Regulations:         | Lead-Free<br>Conflict Free<br>RoHS Certified<br>Reach Certified |  |
| Engir                   | neering Preferences: | Conducts Electricity<br>Corrosion Resistant                     |  |
|                         | Specifications Met:  | SAE 841<br>ASTM B-438 GR 1 TYPE 2<br>CT-1000-K26                |  |

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