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

## AAM3545-30B

## **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 & TO    | leiances                 |   |  |
|--------------------|--------------------------|---|--|
|                    | Nominal ID:              | 35 mm   |  |
|                    | ID Max:                  | 35.04 mm  |  |
|                    | ID Min:                  | 35.01 mm  |  |
|                    | Nominal OD:              | 45 mm   |  |
|                    | OD Max:                  | 45.07 mm  |  |
|                    | OD Min:                  | 45.04 mm  |  |
|                    | Length:                  | 30 mm ±0.127  |  |
|                    | Weight:                  | 0.554 lbs / 251.3 g   |  |
| Press Fit          |                          |   |  |
|                    | Housing Bore:            | 44.9813 mm ±0.013   |  |
|                    | Shaft Diameter:          | 34.88049 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 Specifica | itions                   |   |  |
|                    | 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 Beemer Precision, Inc. ("Beemer") supplies these drawings and specifications for illustration purposes only and without representation or warranty of any kind whatsoever. The buyer is solely responsible for determining whether a bearing is suitable for the buyer's application. Dimensions, tolerances, and materials may change at any time. All bearing sales are subject to Beemer's Standard Terms and Conditions of Sale, which may be found <u>here</u> Copyright Beemer Precision, Inc.