oilite® SYNTHETIC PERFORMANCE DIFFERENCE®



AAM4555-50B

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:	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:	50 mm ±0.1905
Weight:	1.144 lbs / 518.9 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^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 Conflict Free RoHS Certified Reach Certified
Engineering Preferences:	Conducts Electricity Corrosion Resistant
Specifications Met:	**SAE 841** **ASTM B-438 GR 1 TYPE 2** **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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