Oilite[®] SYNTHETIC PERFORMANCE DIFFERENCE®

AA307-13FC

Oilite® Food-Contact

Sleeve

Sintered Bronze Impregnated with Food Grade Mineral Oil: FDA 21 CFR 172.878.

Temp Range -10°F to +220°F



Dimensions & Tolerances

| ID Max: 0.252 " ID Min: 0.251 " Nominal OD: 0.375 " OD Max: 0.377 " OD Min: 0.376 " Length: 1.125 " ±0.005 Weight: 0.016 lbs / 7.3 g Press Fit Housing Bore: 0.37474 " ±0.0005 Shaft Diameter: 0.24789 " ±0.0002 Temperature Max Temp F / C: 220 / 104 Min Temp F / C: -10 / -23 Pressure Ratings Max P: 2000 (psi) Max V: 1200 (sf/m) Max PV: 50000 (lb-ft/in ² -min) Calculated P: 0 (psi) Calculated P: 0 (psi) Calculated P: 0 (sf/m) Calculated P: 0 (sf/m) Calculated PV: 0 (lb-ft/in ² -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified | Nominal ID: | 0.25 " |
|--|--------------------------|--|
| Nominal OD: 0.375 " OD Max: 0.377 " OD Min: 0.376 " Length: 1.125 " ±0.005 Weight: 0.016 lbs / 7.3 g Press Fit Housing Bore: 0.37474 " ±0.0005 Shaft Diameter: 0.24789 " ±0.0002 Temperature Max Temp F / C: 220 / 104 Min Temp F / C: 220 / 104 Min Temp F / C: -10 / -23 Pressure Ratings Max P: 2000 (psi) Max V: 1200 (sf/m) Max V: 1200 (sf/m) Max V: 50000 (lb-ft/in ² -min) Calculated P: 0 (psi) Calculated PV: 0 (lb-ft/in ² -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified | ID Max: | 0.252 " |
| OD Max: 0.377 " OD Min: 0.376 " Length: 1.125 " ±0.005 Weight: 0.016 lbs / 7.3 g Press Fit Housing Bore: 0.37474 " ±0.0005 Shaft Diameter: 0.24789 " ±0.0002 Temperature Max Temp F / C: 220 / 104 Min Temp F / C: 220 / 104 Min Temp F / C: -10 / -23 Pressure Ratings Max P: 2000 (psi) Max V: 1200 (sf/m) Max PV: 50000 (lb-ft/in ² -min) Calculated P: 0 (psi) Calculated P: 0 (psi) Calculated PV: 0 (lb-ft/in ² -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified | ID Min: | 0.251 " |
| OD Min: 0.376 " Length: 1.125 " ±0.005 Weight: 0.016 lbs / 7.3 g Press Fit Housing Bore: 0.37474 " ±0.0005 Shaft Diameter: 0.24789 " ±0.0002 Temperature Max Temp F / C: 220 / 104 Min Temp F / C: -10 / -23 Pressure Ratings Max P: 2000 (psi) Max V: 1200 (sf/m) Max PV: 50000 (lb-ft/in ² -min) Calculated P: 0 (psi) Calculated P: 0 (sf/m) Calculated PV: 0 (lb-ft/in ² -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Cer | Nominal OD: | 0.375 " |
| Length: 1.125 " ±0.005 Weight: 0.016 lbs / 7.3 g Press Fit Housing Bore: 0.37474 " ±0.0005 Shaft Diameter: 0.24789 " ±0.0002 Temperature Max Temp F / C: 220 / 104 Min Temp F / C: 220 / 104 Min Temp F / C: -10 / -23 Pressure Ratings Max P: 2000 (psi) Max V: 1200 (sf/m) Max V: 1200 (sf/m) Calculated P: 0 (psi) Calculated P: 0 (psi) Calculated PV: 0 (lb-ft/in ² -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified | OD Max: | 0.377 " |
| Weight: 0.016 lbs / 7.3 g Press Fit Housing Bore: 0.37474 " ±0.0005 Shaft Diameter: 0.24789 " ±0.0002 Temperature Max Temp F / C: 220 / 104 Min Temp F / C: -10 / -23 Pressure Ratings Max P: 2000 (psi) Max V: 1200 (sf/m) Max V: 1200 (sf/m) Max PV: 50000 (lb-ft/in ² -min) Calculated P: 0 (psi) Calculated PV: 0 (lb-ft/in ² -min) Calculated PV: 0 (lb-ft/in ² -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified Reach Certified Reach Certified Reach Certified | OD Min: | 0.376 " |
| Press Fit Housing Bore: 0.37474 " ±0.0005 Shaft Diameter: 0.24789 " ±0.0002 Temperature Max Temp F / C: 220 / 104 Min Temp F / C: 220 / 104 Min Temp F / C: -10 / -23 Pressure Ratings Max P: 2000 (psi) Max V: 1200 (sf/m) Max V: 1200 (sf/m) Calculated P: 0 (psi) Calculated P: 0 (psi) Calculated PV: 0 (lb-ft/in ² -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certifi | Length: | 1.125 " ±0.005 |
| Housing Bore: 0.37474 " ±0.0005 Shaft Diameter: 0.24789 " ±0.0002 Temperature Max Temp F / C: 220 / 104 Min Temp F / C: -10 / -23 Pressure Ratings Max P: 2000 (psi) Max V: 1200 (sf/m) Max V: 1200 (sf/m) Calculated P: 0 (psi) Calculated P: 0 (psi) Calculated V: 0 (sf/m) Calculated V: 0 (sf/m) Calculated PV: 0 (lb-ft/in ² -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified | Weight: | 0.016 lbs / 7.3 g |
| Shaft Diameter: 0.24789 " ±0.0002 Temperature Max Temp F / C: 220 / 104 Min Temp F / C: -10 / -23 Pressure Ratings Max P: 2000 (psi) Max V: 1200 (sf/m) Max V: 50000 (lb-ft/in ² -min) Calculated P: 0 (psi) Calculated P: 0 (sf/m) Calculated PV: 0 (lb-ft/in ² -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified Reach Certified Reach Certified Reach Certified | Press Fit | |
| Temperature Max Temp F / C: 220 / 104 Min Temp F / C: -10 / -23 Pressure Ratings Max P: 2000 (psi) Max V: 1200 (sf/m) Max PV: 50000 (lb-ft/in ² -min) Calculated P: 0 (psi) Calculated V: 0 (sf/m) Calculated PV: 0 (lb-ft/in ² -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified | Housing Bore: | 0.37474 " ±0.0005 |
| Max Temp F / C: 220 / 104 Min Temp F / C: -10 / -23 Pressure Ratings Max P: 2000 (psi) Max V: 1200 (sf/m) Max V: 50000 (lb-ft/in ² -min) Calculated P: 0 (psi) Calculated PV: 0 (sf/m) Calculated PV: 0 (lb-ft/in ² -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified Reach Certified Reach Certified Reach Certified | Shaft Diameter: | 0.24789 " ±0.0002 |
| Min Temp F / C: -10 / -23 Pressure Ratings Max P: 2000 (psi) Max V: 1200 (sf/m) Max VV: 50000 (lb-ft/in ² -min) Calculated P: 0 (psi) Calculated PV: 0 (sf/m) Calculated PV: 0 (lb-ft/in ² -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified Reach Certified Engineering Preferences: Conducts Electricity | Temperature | |
| Pressure Ratings Max P: 2000 (psi) Max V: 1200 (sf/m) Max PV: 50000 (lb-ft/in ² -min) Calculated P: 0 (psi) Calculated V: 0 (sf/m) Calculated PV: 0 (lb-ft/in ² -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified Reach Certified Reach Certified Reach Certified | Max Temp F / C: | 220 / 104 |
| Max P: 2000 (psi) Max V: 1200 (sf/m) Max PV: 50000 (lb-ft/in ² -min) Calculated P: 0 (psi) Calculated V: 0 (sf/m) Calculated PV: 0 (lb-ft/in ² -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified Reach Certified Engineering Preferences: Conducts Electricity | Min Temp F / C: | -10 / -23 |
| Max V: 1200 (sf/m) Max PV: 50000 (lb-ft/in ² -min) Calculated P: 0 (psi) Calculated V: 0 (sf/m) Calculated PV: 0 (lb-ft/in ² -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified Reach Certified Engineering Preferences: Conducts Electricity | Pressure Ratings | |
| Max PV: 50000 (lb-ft/in ² -min) Calculated P: 0 (psi) Calculated V: 0 (sf/m) Calculated PV: 0 (lb-ft/in ² -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified Reach Certified Engineering Preferences: Conducts Electricity | Max P: | 2000 (psi) |
| Calculated P: 0 (psi) Calculated V: 0 (sf/m) Calculated PV: 0 (lb-ft/in ² -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified Engineering Preferences: Conducts Electricity | Max V: | 1200 (sf/m) |
| Calculated V: 0 (sf/m) Calculated PV: 0 (lb-ft/in ² -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified Engineering Preferences: Conducts Electricity | Max PV: | 50000 (lb-ft/in ² -min) |
| Calculated PV: 0 (lb-ft/in ² -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified Engineering Preferences: Conducts Electricity | Calculated P: | 0 (psi) |
| Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified Engineering Preferences: Conducts Electricity | Calculated V: | 0 (sf/m) |
| Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified Engineering Preferences: Conducts Electricity | Calculated PV: | 0 (lb-ft/in ² -min) |
| Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified Engineering Preferences: Conducts Electricity | Material Specifications | |
| Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified Engineering Preferences: Conducts Electricity | Lubrication: | Self-Lubricating |
| | Regulations: | Food Contact Certified Lead-Free Conflict Free RoHS Certified |
| | Engineering Preferences: | |
| Specifications Met: SAE 841 ASTM B-438 GR 1 TYPE 2 CT-1000-K26 | Specifications Met: | ASTM B-438 GR 1 TYPE 2 |

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.