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

# AA883-03NT

## **Oilite® Non-Tox**

### Sleeve

USDA H1 Approved Synthetic Lubricant: Non-Tox-SPD<sup>™</sup>. For Incidental Food Contact Applications.

Temp Range -75°F to +350°F



#### **Dimensions & Tolerances**

ID Max: 0.627 " ID Min: 0.626 " Nominal OD: 0.875 " OD Max: 0.879 " OD Min: 0.878 " Length: 0.75 " ±0.005 Weight: 0.052 lbs / 23.6 g Press Fit Housing Bore: 0.87638 " ±0.0002 Temperature Max Temp F / C: 350 / 177 Min Temp F / C: 350 / 177 Min Temp F / C: -75 / -59 Pressure Ratings Max P: 2000 (psi) Max V: 1200 (sf/m) Max V: 1200 (sf/m) Max V: 50000 (lb-ft/in <sup>2</sup> -min) Calculated P: 0 (psi) Calculated PV: 0 (lb-ft/in <sup>2</sup> -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Lead-Free Conflict Free RoHS Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified	Nominal ID:	0.625 "		
Nominal OD: 0.875 " OD Max: 0.879 " OD Min: 0.878 " Length: 0.75 " ±0.005 Weight: 0.052 lbs / 23.6 g Press Fit Housing Bore: 0.87638 " ±0.0005 Shaft Diameter: 0.62238 " ±0.0002 Temperature Max Temp F / C: 350 / 177 Min Temp F / C: 350 / 177 Min Temp F / C: -75 / -59 Pressure Ratings Max P: 2000 (psi) Max V: 1200 (sf/m) Max PV: 50000 (lb-ft/in <sup>2</sup> -min) Calculated P: 0 (psi) Calculated P: 0 (psi) Calculated PV: 0 (lb-ft/in <sup>2</sup> -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Lead-Free Conflict Free RoHS Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified	ID Max:	0.627 "		
OD Max: 0.879 " OD Min: 0.878 " Length: 0.75 " ±0.005 Weight: 0.052 lbs / 23.6 g Press Fit Housing Bore: 0.87638 " ±0.0005 Shaft Diameter: 0.62238 " ±0.0002 Temperature Max Temp F / C: 350 / 177 Min Temp F / C: 350 / 177 Min Temp F / C: -75 / -59 Pressure Ratings Max P: 2000 (psi) Max V: 1200 (st/m) Max PV: 50000 (lb-ft/in <sup>2</sup> -min) Calculated P: 0 (psi) Calculated P: 0 (psi) Calculated PV: 0 (lb-ft/in <sup>2</sup> -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Lead-Free Conflict Free RoHS Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified	ID Min:	0.626 "		
OD Min: 0.878 " Length: 0.75 " ±0.005 Weight: 0.052 lbs / 23.6 g Press Fit Housing Bore: 0.87638 " ±0.0005 Shaft Diameter: 0.62238 " ±0.0002 Temperature Max Temp F / C: 350 / 177 Min Temp F / C: -75 / -59 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 P: 0 (sf/m) Calculated PV: 0 (lb-ft/in <sup>2</sup> -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Lead-Free Conflict Free RoHS Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified	Nominal OD:	0.875 "		
Length: 0.75 " ±0.005 Weight: 0.052 lbs / 23.6 g Press Fit Housing Bore: 0.87638 " ±0.0005 Shaft Diameter: 0.62238 " ±0.0002 Temperature Max Temp F / C: 350 / 177 Min Temp F / C: -75 / -59 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 V: 0 (sf/m) Calculated PV: 0 (lb-ft/in <sup>2</sup> -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Lead-Free Conflict Free RoHS Certified Reach Certified Reach Certified Reach Certified Reach Certified	OD Max:	0.879 "		
Weight: 0.052 lbs / 23.6 g         Press Fit         Housing Bore: 0.87638 " ±0.0005         Shaft Diameter: 0.62238 " ±0.0002         Temperature         Max Temp F / C: 350 / 177         Min Temp F / C: 350 / 177         Min Temp F / C: -75 / -59         Pressure Ratings         Max P: 2000 (psi)         Max V: 1200 (sf/m)         Max PV: 50000 (lb-ft/in <sup>2</sup> -min)         Calculated P: 0 (psi)         Calculated P: 0 (psi)         Calculated PV: 0 (lb-ft/in <sup>2</sup> -min)         Material Specifications         Lubrication: Self-Lubricating         Regulations: USDA-H1 Certified         Lead-Free         Conflict Free         RoHS Certified         Reach Certified         Reach Certified         Reach Certified         Reach Certified	OD Min:	0.878 "		
Press Fit Housing Bore: 0.87638 " ±0.0005 Shaft Diameter: 0.62238 " ±0.0002 Temperature Max Temp F / C: 350 / 177 Min Temp F / C: -75 / -59 Pressure Ratings Max P: 2000 (psi) Max V: 1200 (sf/m) Max PV: 50000 (lb-ft/in <sup>2</sup> -min) Calculated P: 0 (psi) Calculated PV: 0 (lb-ft/in <sup>2</sup> -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Lead-Free Conflict Free RoHS Certified Reach Certified Reach Certified Reach Certified	Length:	0.75 " ±0.005		
Housing Bore: 0.87638 " ±0.0005 Shaft Diameter: 0.62238 " ±0.0002 Temperature Max Temp F / C: 350 / 177 Min Temp F / C: -75 / -59 Pressure Ratings Max P: 2000 (psi) Max V: 1200 (sf/m) Max VV: 50000 (lb-ft/in <sup>2</sup> -min) Calculated P: 0 (psi) Calculated PV: 0 (lb-ft/in <sup>2</sup> -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Lead-Free Conflict Free RoHS Certified Reach Certified Reach Certified Reach Certified	Weight:	0.052 lbs / 23.6 g		
Shaft Diameter: 0.62238 " ±0.0002         Temperature         Max Temp F / C: 350 / 177         Min Temp F / C: 350 / 177         Min Temp F / C: -75 / -59         Pressure Ratings         Max P: 2000 (psi)         Max V: 1200 (gs/m)         Max PV: 50000 (lb-ft/in <sup>2</sup> -min)         Calculated P: 0 (psi)         Calculated V: 0 (sf/m)         Calculated PV: 0 (lb-ft/in <sup>2</sup> -min)         Material Specifications         Lubrication: Self-Lubricating         Regulations: USDA-H1 Certified         Lead-Free         Conflict Free         RoHS Certified         Regulations: USDA-H1 Certified         Lead-Free         Conflict Free         RoHS Certified         Regulations: USDA-H1 Certified         Lead-Free         Conflict Free         RoHS Certified         Regulations: USDA-H1 Certified         Lead-Free         Conflict Free         RoHS Certified <td <="" colspan="2" td=""><td>Press Fit</td><td></td></td>	<td>Press Fit</td> <td></td>		Press Fit	
Temperature         Max Temp F / C: 350 / 177         Min Temp F / C: -75 / -59         Pressure Ratings         Max P: 2000 (psi)         Max V: 1200 (sf/m)         Max PV: 50000 (lb-ft/in <sup>2</sup> -min)         Calculated P: 0 (psi)         Calculated V: 0 (sf/m)         Calculated V: 0 (sf/m)         Calculated PV: 0 (lb-ft/in <sup>2</sup> -min)         Material Specifications         Lubrication: Self-Lubricating         Regulations: USDA-H1 Certified         Lead-Free         Conflict Free         ROHS Certified         Reach Certified         Reach Certified         Reach Certified         Reach Certified	Housing Bore:	0.87638 " ±0.0005		
Max Temp F / C: 350 / 177 Min Temp F / C: -75 / -59 Pressure Ratings Max P: 2000 (psi) Max V: 1200 (sf/m) Max V: 50000 (lb-ft/in <sup>2</sup> -min) Calculated P: 0 (psi) Calculated P: 0 (sf/m) Calculated PV: 0 (lb-ft/in <sup>2</sup> -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Lead-Free Conflict Free RoHS Certified Reach Certified Reach Certified Reach Certified	Shaft Diameter:	0.62238 " ±0.0002		
Min Temp F / C: -75 / -59  Pressure Ratings  Max P: 2000 (psi) Max V: 1200 (sf/m) Max PV: 50000 (lb-ft/in <sup>2</sup> -min) Calculated P: 0 (psi) Calculated P: 0 (sf/m) Calculated V: 0 (sf/m) Calculated PV: 0 (lb-ft/in <sup>2</sup> -min)  Material Specifications  Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Lead-Free Conflict Free RoHS 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 <sup>2</sup> -min) Calculated P: 0 (psi) Calculated V: 0 (sf/m) Calculated PV: 0 (lb-ft/in <sup>2</sup> -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Lead-Free Conflict Free RoHS Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified	Max Temp F / C:	350 / 177		
Max P: 2000 (psi) Max V: 1200 (sf/m) Max PV: 50000 (lb-ft/in <sup>2</sup> -min) Calculated P: 0 (psi) Calculated V: 0 (sf/m) Calculated PV: 0 (lb-ft/in <sup>2</sup> -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Lead-Free Conflict Free RoHS Certified Reach Certified Conflict Free RoHS Certified Reach Certified Reach Certified	Min Temp F / C:	-75 / -59		
Max V: 1200 (sf/m) Max PV: 50000 (lb-ft/in <sup>2</sup> -min) Calculated P: 0 (psi) Calculated V: 0 (sf/m) Calculated PV: 0 (lb-ft/in <sup>2</sup> -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Lead-Free Conflict Free RoHS Certified Reach Certified Reach Certified Reach Certified Reach Certified	Pressure Ratings			
Max PV: 50000 (lb-ft/in <sup>2</sup> -min) Calculated P: 0 (psi) Calculated V: 0 (sf/m) Calculated PV: 0 (lb-ft/in <sup>2</sup> -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Lead-Free Conflict Free RoHS 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 <sup>2</sup> -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 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 <sup>2</sup> -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Lead-Free Conflict Free RoHS Certified Reach Certified Engineering Preferences: Conducts Electricity	Max PV:	50000 (lb-ft/in <sup>2</sup> -min)		
Calculated PV: 0 (lb-ft/in <sup>2</sup> -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 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 Lead-Free Conflict Free RoHS Certified Reach Certified Engineering Preferences: Conducts Electricity	Calculated V:	0 (sf/m)		
Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Lead-Free Conflict Free RoHS Certified Reach Certified Engineering Preferences: Conducts Electricity	Calculated PV:	0 (lb-ft/in <sup>2</sup> -min)		
Regulations: USDA-H1 Certified Lead-Free Conflict Free RoHS Certified Reach Certified Engineering Preferences: Conducts Electricity	Material Specifications			
Lead-Free Conflict Free RoHS Certified Reach Certified Engineering Preferences: Conducts Electricity	Lubrication:	Self-Lubricating		
	Regulations:	Lead-Free Conflict Free RoHS Certified		
Corrosion Resistant	Engineering Preferences:	Conducts Electricity Corrosion Resistant		
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.