Oilite[®] SYNTHETIC PERFORMANCE DIFFERENCE®

SOAMP2836-40

Super Oilite® M-Series Metric/PLUS

Sleeve

PTFE Additive-Reduced Friction Synthetic Oilite® Plus-SPD™. Extreme Performance-Unique Applications.

Temp Range -50°C to +149°C



Dimensions & Tolerances

Nominal ID: 28 mm ID Max: 28.04 mm ID Min: 28.01 mm Nominal OD: 36 mm OD Max: 36.07 mm OD Max: 36.07 mm OD Min: 36.04 mm Length: 40 mm ±0.4 Weight: 0.231 lbs / 104.8 g Press Fit Housing Bore: 35.98526 mm ±0.013 Shaft Diameter: 27.89262 mm ±0.005 Temperature Max Temp F / C: 300 / 149 Min Temp F / C: -60 / -51 Pressure Ratings Max V: 1.14 (m/s)	
$ID \text{ Min: } 28.01 \text{ mm} \\ \text{Nominal OD: } 36 \text{ mm} \\ OD \text{ Max: } 36.07 \text{ mm} \\ OD \text{ Min: } 36.04 \text{ mm} \\ \text{Length: } 40 \text{ mm } \pm 0.4 \\ \text{Weight: } 0.231 \text{ lbs } / 104.8 \text{ g} \\ \hline \text{Press Fit} \\ \hline \\ \text{Housing Bore: } 35.98526 \text{ mm } \pm 0.013 \\ \text{Shaft Diameter: } 27.89262 \text{ mm } \pm 0.005 \\\hline \hline \text{Temperature} \\ \hline \\ Max \text{ Temp F / C: } 300 / 149 \\ \text{Min Temp F / C: } -60 / -51 \\\hline \hline \text{Pressure Ratings} \\ \hline \\ Max \text{ P: } 27.56 (\text{N/mm}^2) \\ Max \text{ V: } 1.14 (\text{m/s}) \\\hline \end{array}$	
Nominal OD: 36 mm OD Max: 36.07 mm OD Min: 36.04 mm Length: 40 mm ±0.4 Weight: 0.231 lbs / 104.8 g Press Fit Housing Bore: 35.98526 mm ±0.013 Shaft Diameter: 27.89262 mm ±0.005 Temperature Max Temp F / C: 300 / 149 Min Temp F / C: -60 / -51 Pressure Ratings Max V: 1.14 (m/s)	
OD Max: 36.07 mm OD Min: 36.04 mm Length: 40 mm ±0.4 Weight: 0.231 lbs / 104.8 g Press Fit Housing Bore: 35.98526 mm ±0.013 Shaft Diameter: 27.89262 mm ±0.005 Temperature Max Temp F / C: 300 / 149 Min Temp F / C: -60 / -51 Pressure Ratings Max P: 27.56 (N/mm ²) Max V: 1.14 (m/s)	
OD Min: 36.04 mm Length: 40 mm ±0.4 Weight: 0.231 lbs / 104.8 g Press Fit Housing Bore: 35.98526 mm ±0.013 Shaft Diameter: 27.89262 mm ±0.005 Temperature Max Temp F / C: 300 / 149 Min Temp F / C: -60 / -51 Pressure Ratings Max P: 27.56 (N/mm ²) Max V: 1.14 (m/s)	
Length: 40 mm ±0.4 Weight: 0.231 lbs / 104.8 g Press Fit Housing Bore: 35.98526 mm ±0.013 Shaft Diameter: 27.89262 mm ±0.005 Temperature Max Temp F / C: 300 / 149 Min Temp F / C: -60 / -51 Pressure Ratings Max P: 27.56 (N/mm ²) Max V: 1.14 (m/s)	
Weight: 0.231 lbs / 104.8 g Press Fit Housing Bore: 35.98526 mm ±0.013 Shaft Diameter: 27.89262 mm ±0.005 Temperature Max Temp F / C: 300 / 149 Min Temp F / C: 300 / 149 Max Temp F / C: -60 / -51 Pressure Ratings Max P: 27.56 (N/mm ²) Max V: 1.14 (m/s)	
Press Fit Housing Bore: 35.98526 mm ±0.013 Shaft Diameter: 27.89262 mm ±0.005 Temperature Max Temp F / C: 300 / 149 Min Temp F / C: -60 / -51 Pressure Ratings Max P: 27.56 (N/mm ²) Max V: 1.14 (m/s)	
Housing Bore: 35.98526 mm ±0.013 Shaft Diameter: 27.89262 mm ±0.005 Temperature Max Temp F / C: 300 / 149 Min Temp F / C: -60 / -51 Pressure Ratings Max P: 27.56 (N/mm ²) Max V: 1.14 (m/s)	
Shaft Diameter: 27.89262 mm ±0.005 Temperature Max Temp F / C: 300 / 149 Min Temp F / C: -60 / -51 Pressure Ratings Max P: 27.56 (N/mm ²) Max V: 1.14 (m/s)	
Shaft Diameter: 27.89262 mm ±0.005 Temperature Max Temp F / C: 300 / 149 Min Temp F / C: -60 / -51 Pressure Ratings Max P: 27.56 (N/mm ²) Max V: 1.14 (m/s)	
Max Temp F / C: 300 / 149 Min Temp F / C: -60 / -51 Pressure Ratings Max P: 27.56 (N/mm ²) Max V: 1.14 (m/s)	
Max Temp F / C: 300 / 149 Min Temp F / C: -60 / -51 Pressure Ratings Max P: 27.56 (N/mm ²) Max V: 1.14 (m/s)	
Min Temp F / C: -60 / -51 Pressure Ratings Max P: 27.56 (N/mm ²) Max V: 1.14 (m/s)	
Pressure Ratings Max P: 27.56 (N/mm ²) Max V: 1.14 (m/s)	
Max P: 27.56 (N/mm ²) Max V: 1.14 (m/s)	
Max V: 1.14 (m/s)	
Max PV: 1.225 (N-M/mm ² -s)	
Calculated P: 0 (N/mm ²)	
Calculated V: 0 (m/s)	
Calculated PV: 0 (N-M/mm ² -s)	
Material Specifications	
Lubrication: Self-Lubricating	
Regulations: Lead-Free	
Conflict Free	
RoHS Certified	
Reach Certified	
Engineering Preferences: Conducts Electricity	
Specifications Met: SAE 863	
ASTM B-439 GR 4 FC-2000-K30	

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.