Oilite[®] SYNTHETIC PERFORMANCE DIFFERENCE®

SOAM3038-40

Super Oilite® M-Series Metric

Sleeve

Iron-Based Sintered Product Impregnated with Extreme Pressure Synthetic AM3-SPD[™]. Higher Load, Slower Speed Designs Economic Alternative Material.

Temp Range -26°C to +149°C



Dimensions & Tolerances

Nominal ID: 30 mm ID Max: 30.04 mm ID Min: 30.01 mm Nominal OD: 38 mm OD Max: 38.07 mm OD Min: 38.04 mm Length: 40 mm ±0.4 Weight: 0.265 lbs / 120.2 g Press Fit Housing Bore: 37.98366 mm ±0.013 Shaft Diameter: 29.89018 mm ±0.005 Temperature Max Temp F / C: 300 / 149 Min Temp F / C: -15 / -26 Pressure Ratings Max P: 27.56 (N/mm ²) Max V: 1.14 (m/s) Max PV: 1.225 (N-M/mm ² -s) Calculated P: 0 (N/mm ²) Calculated P: 0 (N/mm ²) Calculated P: 0 (N/mm ² -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	Dimensions & Tolerances	
ID Min: 30.01 mm Nominal OD: 38 mm OD Max: 38.07 mm OD Min: 38.04 mm Length: 40 mm ±0.4 Weight: 0.265 lbs / 120.2 g Press Fit Housing Bore: 37.98366 mm ±0.013 Shaft Diameter: 29.89018 mm ±0.005 Temperature Max Temp F / C: 300 / 149 Min Temp F / C: -15 / -26 Pressure Ratings Max P: 27.56 (N/mm ²) Max V: 1.14 (m/s) Max PV: 1.225 (N-M/mm ² -s) Calculated P: 0 (N/mm ²) Calculated P: 0 (N/mm ²) Calculated P: 0 (N/mm ² -s) Calculated PV: 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	Nominal ID:	30 mm
Nominal OD: 38 mm OD Max: 38.07 mm OD Min: 38.04 mm Length: 40 mm ±0.4 Weight: 0.265 lbs / 120.2 g Press Fit Housing Bore: 37.98366 mm ±0.013 Shaft Diameter: 29.89018 mm ±0.005 Temperature Max Temp F / C: 300 / 149 Min Temp F / C: 300 / 149 Min Temp F / C: -15 / -26 Pressure Ratings 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 P: 0 (N/mm ²) Calculated V: 0 (m/s) Calculated V: 0 (m/s) 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	ID Max:	30.04 mm
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Length: 40 mm ±0.4 Weight: 0.265 lbs / 120.2 g Press Fit Housing Bore: 37.98366 mm ±0.013 Shaft Diameter: 29.89018 mm ±0.005 Temperature Max Temp F / C: 300 / 149 Min Temp F / C: -15 / -26 Pressure Ratings Max P: 27.56 (N/mm ²) Max V: 1.14 (m/s) Max PV: 1.225 (N-M/mm ² -s) Calculated P: 0 (N/mm ²) Calculated P: 0 (N/mm ²) Calculated PV: 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 Cancel Preferences: Conducts Electricity Specifications Met: SAE 863 ASTM B-439 GR 4	OD Max:	38.07 mm
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Press Fit Housing Bore: 37.98366 mm ±0.013 Shaft Diameter: 29.89018 mm ±0.005 Temperature Max Temp F / C: 300 / 149 Min Temp F / C: -15 / -26 Pressure Ratings 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 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	Length:	40 mm ±0.4
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Max Temp F / C: 300 / 149 Min Temp F / C: -15 / -26 Pressure Ratings 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 P: 0 (m/s) Calculated PV: 0 (N-M/mm ² -s) Material Specifications Lubrication: Self-Lubricating Regulations: Lead-Free Conflict Free RoHS Certified Reach C	Shaft Diameter:	29.89018 mm ±0.005
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Max P: 27.56 (N/mm ²) 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 Reach Certified Engineering Preferences: Conducts Electricity Specifications Met: SAE 863 ASTM B-439 GR 4	Min Temp F / C:	-15 / -26
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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	Calculated P:	0 (N/mm ²)
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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	Calculated PV:	0 (N-M/mm ² -s)
Regulations: Lead-Free Conflict Free RoHS Certified Reach Certified Engineering Preferences: Conducts Electricity Specifications Met: SAE 863 ASTM B-439 GR 4	Material Specifications	
Conflict Free RoHS Certified Reach Certified Engineering Preferences: Conducts Electricity Specifications Met: SAE 863 ASTM B-439 GR 4	Lubrication:	Self-Lubricating
Specifications Met: SAE 863 ASTM B-439 GR 4	-	Conflict Free RoHS Certified
ASTM B-439 GR 4	Engineering Preferences:	Conducts Electricity
		ASTM B-439 GR 4

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