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

# AAM1622-16FC

## **Oilite® M-Series Food-**

## Contact

#### Sleeve

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

Temp Range -23°C to +100°C



#### Dimensions & Tolerances

Nominal ID: 16 mm ID Max: 16.03 mm ID Min: 16.01 mm Nominal OD: 22 mm OD Max: 22.06 mm OD Max: 22.04 mm Length: 16 mm ±0.127 Weight: 0.044 lbs / 20 g Press Fit Housing Bore: 21.99376 mm ±0.013 Shaft Diameter: 15.91289 mm ±0.005 Temperature Max Temp F / C: 220 / 104 Min Temp F / C: 220 / 104 Min Temp F / C: 10 / -23 Pressure Ratings Max P: 13.78 (N/mm <sup>2</sup> ) Max V: 6.1 (m/s) Max V: 6.1 (m/s) Calculated P: 0 (N/mm <sup>2</sup> -s) Calculated P: 0 (N/mm <sup>2</sup> -s) Calculated PV: 0 (N-M/mm <sup>2</sup> -s) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified Regineering Preferences: Conducts Electricity Corrosion Resistant Specifications Met: SAE 841 ASTM B-438 GR 1 TYPE 2 CT-1000-K26	Dimensions & Tolerances	
ID Min: 16.01 mm Nominal OD: 22 mm OD Max: 22.06 mm OD Min: 22.04 mm Length: 16 mm ±0.127 Weight: 0.044 lbs / 20 g Press Fit Housing Bore: 21.99376 mm ±0.013 Shaft Diameter: 15.91289 mm ±0.005 Temperature Max Temp F / C: 220 / 104 Min Temp F / C: 220 / 104 Min Temp F / C: 10 / -23 Pressure Ratings Max P: 13.78 (N/mm <sup>2</sup> ) Max V: 6.1 (m/s) Max PV: 1.75 (N-M/mm <sup>2</sup> -s) Calculated P: 0 (N/mm <sup>2</sup> ) Calculated PV: 0 (N-M/mm <sup>2</sup> -s) Calculated PV: 0 (N-M/mm <sup>2</sup> -s) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free RoHS Certified Reach	Nominal ID: 16	6 mm
Nominal OD: 22 mm OD Max: 22.06 mm OD Min: 22.04 mm Length: 16 mm ±0.127 Weight: 0.044 lbs / 20 g Press Fit Housing Bore: 21.99376 mm ±0.013 Shaft Diameter: 15.91289 mm ±0.005 Temperature Max Temp F / C: 220 / 104 Min Temp F / C: 210 / -23 Pressure Ratings Max P: 13.78 (N/mm <sup>2</sup> ) Max V: 6.1 (m/s) Max PV: 1.75 (N-M/mm <sup>2</sup> -s) Calculated P: 0 (N/mm <sup>2</sup> ) Calculated P: 0 (N/mm <sup>2</sup> ) Calculated PV: 0 (N-M/mm <sup>2</sup> -s) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified 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	ID Max: 16	6.03 mm
OD Max: 22.06 mm OD Min: 22.04 mm Length: 16 mm ±0.127 Weight: 0.044 lbs / 20 g Press Fit Housing Bore: 21.99376 mm ±0.013 Shaft Diameter: 15.91289 mm ±0.005 Temperature Max Temp F / C: 220 / 104 Min Temp F / C: 220 / 104 Min Temp F / C: 10 / -23 Pressure Ratings Max P: 13.78 (N/mm <sup>2</sup> ) Max V: 6.1 (m/s) Max V: 6.1 (m/s) Max V: 1.75 (N-M/mm <sup>2</sup> -s) Calculated P: 0 (N/mm <sup>2</sup> ) Calculated P: 0 (N/mm <sup>2</sup> ) Calculated V: 0 (m/s) Calculated V: 0 (N-M/mm <sup>2</sup> -s) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Lead-Free Conflict Free RoHS Certified Reach Certified	ID Min: 16	6.01 mm
OD Min: 22.04 mm Length: 16 mm ±0.127 Weight: 0.044 lbs / 20 g Press Fit Housing Bore: 21.99376 mm ±0.013 Shaft Diameter: 15.91289 mm ±0.005 Temperature Max Temp F / C: 220 / 104 Min Temp F / C: 220 / 104 Min Temp F / C: -10 / -23 Pressure Ratings Max P: 13.78 (N/mm <sup>2</sup> ) Max V: 6.1 (m/s) Max V: 6.1 (m/s) Max PV: 1.75 (N-M/mm <sup>2</sup> -s) Calculated P: 0 (N/mm <sup>2</sup> ) Calculated P: 0 (N/mm <sup>2</sup> ) Calculated PV: 0 (N-M/mm <sup>2</sup> -s) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certifie	Nominal OD: 22	2 mm
Length: 16 mm ±0.127 Weight: 0.044 lbs / 20 g Press Fit Housing Bore: 21.99376 mm ±0.013 Shaft Diameter: 15.91289 mm ±0.005 Temperature Max Temp F / C: 220 / 104 Min Temp F / C: 220 / 104 Min Temp F / C: -10 / -23 Pressure Ratings Max P: 13.78 (N/mm <sup>2</sup> ) Max V: 6.1 (m/s) Max V: 6.1 (m/s) Max PV: 1.75 (N-M/mm <sup>2</sup> -s) Calculated P: 0 (N/mm <sup>2</sup> ) Calculated P: 0 (N/mm <sup>2</sup> ) Calculated PV: 0 (N-M/mm <sup>2</sup> -s) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified	OD Max: 22	2.06 mm
Weight: 0.044 lbs / 20 g         Press Fit         Housing Bore: 21.99376 mm ±0.013         Shaft Diameter: 15.91289 mm ±0.005         Temperature         Max Temp F / C: 220 / 104         Min Temp F / C: 101 / -23         Pressure Ratings         Max V: 6.1 (m/s)         Max V: 6.1 (m/s)         Max PV: 1.75 (N-M/mm <sup>2</sup> -s)         Calculated P: 0 (N/mm <sup>2</sup> )         Calculated PV: 0 (n/s)         Calculated PV: 0 (N-M/mm <sup>2</sup> -s)         Material Specifications         Lubrication: Self-Lubricating         Regulations: USDA-H1 Certified         Free         Conflict Free         RoHS Certified         Reach Certified         Reach Certified         Reach Certified         Reach Certified         Resultions Met: SAE 841         ASTM B-438 GR 1 TYPE 2	OD Min: 22	2.04 mm
Press Fit Housing Bore: 21.99376 mm ±0.013 Shaft Diameter: 15.91289 mm ±0.005 Temperature Max Temp F / C: 220 / 104 Min Temp F / C: 220 / 104 Min Temp F / C: -10 / -23 Pressure Ratings Max P: 13.78 (N/mm <sup>2</sup> ) Max V: 6.1 (m/s) Max V: 6.1 (m/s) Max PV: 1.75 (N-M/mm <sup>2</sup> -s) Calculated P: 0 (N/mm <sup>2</sup> ) Calculated P: 0 (N/mm <sup>2</sup> -s) Calculated V: 0 (m/s) Calculated V: 0 (m/s) Calculated PV: 0 (N-M/mm <sup>2</sup> -s) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified 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	Length: 16	6 mm ±0.127
Housing Bore: 21.99376 mm ±0.013 Shaft Diameter: 15.91289 mm ±0.005 Temperature Max Temp F / C: 220 / 104 Min Temp F / C: -10 / -23 Pressure Ratings Max P: 13.78 (N/mm <sup>2</sup> ) Max V: 6.1 (m/s) Max V: 6.1 (m/s) Max V: 6.1 (m/s) Calculated P: 0 (N/mm <sup>2</sup> -s) Calculated P: 0 (N/mm <sup>2</sup> -s) Calculated V: 0 (m/s) Calculated V: 0 (m/s) Calculated PV: 0 (N-M/mm <sup>2</sup> -s) 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 Corrosion Resistant Specifications Met: SAE 841 ASTM B-438 GR 1 TYPE 2	Weight: 0.	.044 lbs / 20 g
Shaft Diameter: 15.91289 mm ±0.005         Temperature         Max Temp F / C: 220 / 104         Min Temp F / C: -10 / -23         Pressure Ratings         Max P: 13.78 (N/mm <sup>2</sup> )         Max V: 6.1 (m/s)         Max V: 1.75 (N-M/mm <sup>2</sup> -s)         Calculated P: 0 (N/mm <sup>2</sup> )         Calculated PV: 0 (m/s)         Calculated PV: 0 (N-M/mm <sup>2</sup> -s)         Material Specifications         Lubrication: Self-Lubricating         Regulations: USDA-H1 Certified         Free         Conflict Free         RoHS Certified         Reach Certified         Resistant         Specifications Met: SAE 841         ASTM B-438 GR 1 TYPE 2	Press Fit	
Temperature         Max Temp F / C: 220 / 104         Min Temp F / C: -10 / -23         Pressure Ratings         Max P: 13.78 (N/mm <sup>2</sup> )         Max V: 6.1 (m/s)         Max PV: 1.75 (N-M/mm <sup>2</sup> -s)         Calculated P: 0 (N/mm <sup>2</sup> )         Calculated V: 0 (m/s)         Calculated PV: 0 (N-M/mm <sup>2</sup> -s)         Material Specifications         Lubrication: Self-Lubricating         Regulations: USDA-H1 Certified         Food Contact Certified         Lead-Free         Conflict Free         RoHS Certified         Reach Certified         Reach Certified         Reach Certified         Repuise Conducts Electricity         Corrosion Resistant         Specifications Met: SAE 841         ASTM B-438 GR 1 TYPE 2	Housing Bore: 21	1.99376 mm ±0.013
Max Temp F / C: 220 / 104 Min Temp F / C: -10 / -23 Pressure Ratings Max P: 13.78 (N/mm <sup>2</sup> ) Max V: 6.1 (m/s) Max V: 6.1 (m/s) Max PV: 1.75 (N-M/mm <sup>2</sup> -s) Calculated P: 0 (N/mm <sup>2</sup> ) Calculated V: 0 (m/s) Calculated V: 0 (N-M/mm <sup>2</sup> -s) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified Re	Shaft Diameter: 15	5.91289 mm ±0.005
Min Temp F / C: -10 / -23  Pressure Ratings  Max P: 13.78 (N/mm <sup>2</sup> ) Max V: 6.1 (m/s) Max V: 6.1 (m/s) Max PV: 1.75 (N-M/mm <sup>2</sup> -s) Calculated P: 0 (N/mm <sup>2</sup> ) Calculated V: 0 (m/s) Calculated V: 0 (n/s) Calculated PV: 0 (N-M/mm <sup>2</sup> -s)  Material Specifications  Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified 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	Temperature	
Pressure Ratings Max P: 13.78 (N/mm <sup>2</sup> ) Max V: 6.1 (m/s) Max PV: 1.75 (N-M/mm <sup>2</sup> -s) Calculated P: 0 (N/mm <sup>2</sup> ) Calculated V: 0 (m/s) Calculated PV: 0 (N-M/mm <sup>2</sup> -s) 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 Corrosion Resistant Specifications Met: SAE 841 ASTM B-438 GR 1 TYPE 2	Max Temp F / C: 22	20 / 104
Max P: 13.78 (N/mm <sup>2</sup> ) Max V: 6.1 (m/s) Max V: 6.1 (m/s) Max PV: 1.75 (N-M/mm <sup>2</sup> -s) Calculated P: 0 (N/mm <sup>2</sup> ) Calculated V: 0 (m/s) Calculated PV: 0 (N-M/mm <sup>2</sup> -s) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach	Min Temp F / C: -1	0 / -23
Max V: 6.1 (m/s) Max PV: 1.75 (N-M/mm <sup>2</sup> -s) Calculated P: 0 (N/mm <sup>2</sup> ) Calculated V: 0 (m/s) Calculated PV: 0 (N-M/mm <sup>2</sup> -s) 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 Specifications Met: SAE 841 ASTM B-438 GR 1 TYPE 2	Pressure Ratings	
Max PV: 1.75 (N-M/mm <sup>2</sup> -s) Calculated P: 0 (N/mm <sup>2</sup> ) Calculated V: 0 (m/s) Calculated PV: 0 (N-M/mm <sup>2</sup> -s) 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 Corrosion Resistant Specifications Met: SAE 841 ASTM B-438 GR 1 TYPE 2	Max P: 13	3.78 (N/mm <sup>2</sup> )
Calculated P: 0 (N/mm <sup>2</sup> ) Calculated V: 0 (m/s) Calculated PV: 0 (N-M/mm <sup>2</sup> -s) 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 Corrosion Resistant Specifications Met: SAE 841 ASTM B-438 GR 1 TYPE 2	Max V: 6.	1 (m/s)
Calculated V: 0 (m/s) Calculated PV: 0 (N-M/mm <sup>2</sup> -s) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified 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	Max PV: 1.	75 (N-M/mm <sup>2</sup> -s)
Calculated PV: 0 (N-M/mm <sup>2</sup> -s) 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 Corrosion Resistant Specifications Met: SAE 841 ASTM B-438 GR 1 TYPE 2	Calculated P: 0	(N/mm <sup>2</sup> )
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 Corrosion Resistant Specifications Met: SAE 841 ASTM B-438 GR 1 TYPE 2	Calculated V: 0	(m/s)
Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified 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	Calculated PV: 0	(N-M/mm <sup>2</sup> -s)
Regulations: USDA-H1 Certified Food Contact Certified 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	Material Specifications	
Food Contact Certified 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	Lubrication: Se	elf-Lubricating
Corrosion Resistant Specifications Met: SAE 841 ASTM B-438 GR 1 TYPE 2	Fo Le Cu R(	ood Contact Certified ead-Free onflict Free oHS Certified
ASTM B-438 GR 1 TYPE 2	° °	
	A	STM B-438 GR 1 TYPE 2

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