Oilite[®] Synthetic performance Difference®

FFM1218-20FC

Oilite® M-Series Food-

Contact

Flange

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

Temp Range -23°C to +100°C



Dimensions & Tolerances

Nominal ID:	12 mm
ID Max:	12.03 mm
ID Min:	12.01 mm
Nominal OD:	18 mm
OD Max:	18.05 mm
OD Min:	18.03 mm
Length:	20 mm ±0.127
Flange OD:	24 mm ±0.127
Flange Thickness:	3 mm ±0.0635
Weight:	0.044 lbs / 20 g
Press Fit	
Housing Bore:	17.98657 mm ±0.013
Shaft Diameter:	11.91741 mm ±0.005
Temperature	
Max Temp F / C:	220 / 104
Min Temp F / C:	-10 / -23
Pressure Ratings	
Max P:	13.78 (N/mm ²)
Max V:	6.1 (m/s)
Max PV:	1.75 (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
	USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified
Engineering Preferences:	Conducts Electricity Corrosion Resistant
	SAE 841 ASTM B-438 GR 1 TYPE 2 CT-1000-K26

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