Oilite[®] Synthetic PERFORMANCE DIFFERENCE®

SOFMP1218-20

Super Oilite® M-Series Metric/PLUS

Flange

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

Temp Range -50°C to +149°C



Dimensions & Tolerances

	Nominal ID:	12 mm	
	ID Max:	12.035 mm	
	ID Min:	12.01 mm	
	Nominal OD:	18 mm	
	OD Max:	18.055 mm	
	OD Min:	18.03 mm	
	Length:	20 mm ±0.25	
	Flange OD:	24 mm ±0.25	
	Flange Thickness:	3 mm ±0.125	
	Weight:	0.044 lbs / 20 g	
Press Fit			
	Housing Bore:	17.98468 mm ±0.013	
	Shaft Diameter:	11.90859 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 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 Specification	ons		
	Lubrication:	Self-Lubricating	
	Regulations:	Lead-Free	
		Conflict Free	
		RoHS Certified Reach Certified	
Fr	ngineering Preferences:		
LI	Specifications Met:		
	-	ASTM B-439 GR 4	
		FC-2000-K30	

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