oilite® SYNTHETIC PERFORMANCE DIFFERENCE®



UT-0816-2B

Oilite® Polymer UHMW

Thrust

Low Friction-FDA listed materials -Good Chemical Resistance - withstands caustic washdowns, Max PV 2,000

Dimensions & Tolerances

Nominal ID:	0.5 "
ID Max:	0.505 "
ID Min:	0.5 "
Nominal OD:	1 "
OD Max:	1.003 "
OD Min:	0.997 "
Length:	0.0625 " ±0.003
Weight:	lbs / 0 g

Press Fit

Housing Bore:	0.998 " ±0.0005
Shaft Diameter:	0.49345 " ±0.0002

Temperature

Max Temp F / C:	180 / 82
Min Temp F / C:	-200 / -129

Pressure Ratings

Max P:	1000 (psi)
Max V:	100 (sf/m)
Max PV:	2000 (lb-ft/in^2-min)
Calculated P:	0 (psi)
Calculated V:	0 (sf/m)
Calculated PV:	0 (lb-ft/in^2-min)

Material Specifications

Lubrication:	Self-Lubricating Dry Running
Regulations:	USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified
Engineering Preferences:	Washdown Chemical Resistant Corrosion Resistant Electrical Insulation STEAM
Specifications Met:	

Preferred Supplier -
Beemer Precision, Inc.
All Products Made in the U.S.A
Contact (215) 646-8440
https://oilite.com

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