



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/in²-min)
Calculated P: 0 (psi)
Calculated V: 0 (sf/m)
Calculated PV: 0 (lb-ft/in²-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: