



FFM0508-05NT

Oilite[®] M-Series Metric Non-Tox

Flange

USDA H1 Approved Synthetic Lubricant:
Non-Tox-SPD[™]. For Incidental Food
Contact Applications Temp Range -59°C
to +175°C

Dimensions & Tolerances

Nominal ID: 5 mm
ID Max: 5.02 mm
ID Min: 5 mm
Nominal OD: 8 mm
OD Max: 8.04 mm
OD Min: 8.02 mm
Length: 5 mm ± 0.127
Flange OD: 11 mm ± 0.127
Flange Thickness: 1.5 mm ± 0.0635
Weight: 0.003 lbs / 1.4 g

Press Fit

Housing Bore: 7.98357 mm ± 0.013
Shaft Diameter: 4.91722 mm ± 0.005

Temperature

Max Temp F / C: 420 / 216
Min Temp F / C: -75 / -59

Pressure Ratings

Max P: 13.78 (N/mm²)
Max V: 6.1 (m/s)
Max PV: 1.75 (N-M/mm²-s)
Calculated P: 0 (N/mm²)
Calculated V: 0 (m/s)
Calculated PV: 0 (N-M/mm²-s)

Material Specifications

Lubrication: Self-Lubricating
Regulations: USDA-H1 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
CT-1000-K26