



FFM0812-12NT

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: 8 mm
ID Max: 8.03 mm
ID Min: 8.01 mm
Nominal OD: 12 mm
OD Max: 12.05 mm
OD Min: 12.03 mm
Length: 12 mm ± 0.127
Flange OD: 16 mm ± 0.127
Flange Thickness: 2 mm ± 0.0635
Weight: 0.012 lbs / 5.4 g

Press Fit

Housing Bore: 11.99077 mm ± 0.013
Shaft Diameter: 7.92319 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