



## FFMP0508-05

### Oilite<sup>®</sup> M-Series Metric/PLUS

#### Flange

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

Temp Range -50°C to +149°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  $\pm 0.127$   
Flange OD: 11 mm  $\pm 0.127$   
Flange Thickness: 1.5 mm  $\pm 0.0635$   
Weight: 0.003 lbs / 1.4 g

#### Press Fit

Housing Bore: 7.98357 mm  $\pm 0.013$   
Shaft Diameter: 4.91722 mm  $\pm 0.005$

#### Temperature

Max Temp F / C: 300 / 149  
Min Temp F / C: -60 / -51

#### Pressure Ratings

Max P: 13.78 (N/mm<sup>2</sup>)  
Max V: 6.1 (m/s)  
Max PV: 1.75 (N-M/mm<sup>2</sup>-s)  
Calculated P: 0 (N/mm<sup>2</sup>)  
Calculated V: 0 (m/s)  
Calculated PV: 0 (N-M/mm<sup>2</sup>-s)

#### Material Specifications

Lubrication: Self-Lubricating  
Regulations: 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