



## SOFMP3038-20

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

#### Flange

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

Temp Range -50°C to +149°C

#### Dimensions & Tolerances

Nominal ID: 30 mm  
ID Max: 30.04 mm  
ID Min: 30.01 mm  
Nominal OD: 38 mm  
OD Max: 38.07 mm  
OD Min: 38.04 mm  
Length: 20 mm ±0.25  
Flange OD: 46 mm ±0.4  
Flange Thickness: 4 mm ±0.2  
Weight: 0.154 lbs / 69.9 g

#### Press Fit

Housing Bore: 37.98366 mm ±0.013  
Shaft Diameter: 29.89018 mm ±0.005

#### Temperature

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

#### Pressure Ratings

Max P: 27.56 (N/mm<sup>2</sup>)  
Max V: 1.14 (m/s)  
Max PV: 1.225 (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  
Specifications Met: SAE 863  
ASTM B-439 GR 4  
FC-2000-K30