



FFM1218-20

Oilite[®] M-Series Metric

Flange

Sintered Bronze Impregnated with
Synthetic Performance
Difference™ AM1-SPD™.

Largest Selection of Metric Sizes World
Wide.

Temp Range -37°C to +149°C

Dimensions & Tolerances

Nominal ID: 12 mm
ID Max: 12.03 mm
ID Min: 12.01 mm
Nominal OD: 18 mm
OD Max: 18.05 mm
OD Min: 18.03 mm
Length: 20 mm ± 0.127
Flange OD: 24 mm ± 0.127
Flange Thickness: 3 mm ± 0.0635
Weight: 0.044 lbs / 20 g

Press Fit

Housing Bore: 17.98657 mm ± 0.013
Shaft Diameter: 11.91741 mm ± 0.005

Temperature

Max Temp F / C: 300 / 149
Min Temp F / C: -35 / -37

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: 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