### **Oilite**<sup>®</sup> Synthetic PERFORMANCE DIFFERENCE®

# FFM1620-20NT

## Oilite® M-Series Metric Non-

### Тох

### Flange

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



#### **Dimensions & Tolerances**

Nominal ID: 16 mm   ID Max: 16.03 mm   ID Min: 16.01 mm   Nominal OD: 20 mm   OD Max: 20.06 mm   OD Max: 20.04 mm   Length: 20 mm ±0.127   Flange OD: 24 mm ±0.127   Flange OD: 24 mm ±0.127   Flange Thickness: 2 mm ±0.0635   Weight: 0.034 lbs / 15.4 g   Press Fit   Housing Bore: 19.99516 mm ±0.013   Shaft Diameter: 15.91414 mm ±0.005   Temperature   Max Temp F / C: 420 / 216   Min Temp F / C: -75 / -59   Pressure Ratings	
ID Min: 16.01 mm Nominal OD: 20 mm OD Max: 20.06 mm OD Min: 20.04 mm Length: 20 mm ±0.127 Flange OD: 24 mm ±0.127 Flange Thickness: 2 mm ±0.0635 Weight: 0.034 lbs / 15.4 g Press Fit Housing Bore: 19.99516 mm ±0.013 Shaft Diameter: 15.91414 mm ±0.005 Temperature Max Temp F / C: 420 / 216 Min Temp F / C: -75 / -59	
Nominal OD: 20 mm OD Max: 20.06 mm OD Min: 20.04 mm Length: 20 mm ±0.127 Flange OD: 24 mm ±0.127 Flange Thickness: 2 mm ±0.0635 Weight: 0.034 lbs / 15.4 g Press Fit Housing Bore: 19.99516 mm ±0.013 Shaft Diameter: 15.91414 mm ±0.005 Temperature Max Temp F / C: 420 / 216 Min Temp F / C: -75 / -59	
OD Max: 20.06 mm OD Min: 20.04 mm Length: 20 mm ±0.127 Flange OD: 24 mm ±0.127 Flange Thickness: 2 mm ±0.0635 Weight: 0.034 lbs / 15.4 g Press Fit Housing Bore: 19.99516 mm ±0.013 Shaft Diameter: 15.91414 mm ±0.005 Temperature Max Temp F / C: 420 / 216 Min Temp F / C: -75 / -59	
OD Min: 20.04 mm Length: 20 mm ±0.127 Flange OD: 24 mm ±0.127 Flange Thickness: 2 mm ±0.0635 Weight: 0.034 lbs / 15.4 g Press Fit Housing Bore: 19.99516 mm ±0.013 Shaft Diameter: 15.91414 mm ±0.005 Temperature Max Temp F / C: 420 / 216 Min Temp F / C: -75 / -59	
Length: 20 mm ±0.127 Flange OD: 24 mm ±0.127 Flange Thickness: 2 mm ±0.0635 Weight: 0.034 lbs / 15.4 g Press Fit Housing Bore: 19.99516 mm ±0.013 Shaft Diameter: 15.91414 mm ±0.005 Temperature Max Temp F / C: 420 / 216 Min Temp F / C: -75 / -59	
Flange OD: 24 mm ±0.127 Flange Thickness: 2 mm ±0.0635 Weight: 0.034 lbs / 15.4 g Press Fit Housing Bore: 19.99516 mm ±0.013 Shaft Diameter: 15.91414 mm ±0.005 Temperature Max Temp F / C: 420 / 216 Min Temp F / C: -75 / -59	
Flange Thickness: 2 mm ±0.0635 Weight: 0.034 lbs / 15.4 g Press Fit Housing Bore: 19.99516 mm ±0.013 Shaft Diameter: 15.91414 mm ±0.005 Temperature Max Temp F / C: 420 / 216 Min Temp F / C: -75 / -59	
Weight: 0.034 lbs / 15.4 g   Press Fit   Housing Bore: 19.99516 mm ±0.013   Shaft Diameter: 15.91414 mm ±0.005   Temperature   Max Temp F / C: 420 / 216   Min Temp F / C: -75 / -59	
Press Fit Housing Bore: 19.99516 mm ±0.013 Shaft Diameter: 15.91414 mm ±0.005 Temperature Max Temp F / C: 420 / 216 Min Temp F / C: -75 / -59	
Housing Bore: 19.99516 mm ±0.013 Shaft Diameter: 15.91414 mm ±0.005 Temperature Max Temp F / C: 420 / 216 Min Temp F / C: -75 / -59	
Shaft Diameter: 15.91414 mm ±0.005   Temperature   Max Temp F / C: 420 / 216   Min Temp F / C: -75 / -59	
Temperature Max Temp F / C: 420 / 216 Min Temp F / C: -75 / -59	
Max Temp F / C: 420 / 216 Min Temp F / C: -75 / -59	
Min Temp F / C: -75 / -59	
Pressure Ratings	
5	
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: 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 T CT-1000-K26	
CT-1000-R20	YPE 2

Beemer Precision, Inc. ("Beemer") supplies these drawings and specifications for illustration purposes only and without representation or warranty of any kind whatsoever. The buyer is solely responsible for determining whether a bearing is suitable for the buyer's application. Dimensions, tolerances, and materials may change at any time. All bearing sales are subject to Beemer's Standard Terms and Conditions of Sale, which may be found <u>here</u> Copyright Beemer Precision, Inc.