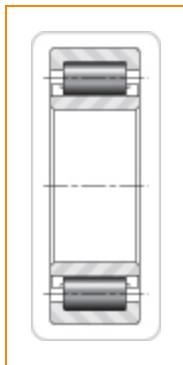




**The Timken Company**  
4500 Mt Pleasant St. NW  
N. Canton, OH 44720  
**Phone:** (234) 262-3000  
**E-Mail:** [CustomerCAD@timken.com](mailto:CustomerCAD@timken.com) • **Web site:** [www.timken.com](http://www.timken.com)

## Part Number NU1056MA, Cylindrical Roller Radial Bearings - Single Row ISO



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### Specifications

**Design Units** Metric

**d - Bore** 280 mm

**Type** NU

### Dimensions

**D - Outer Diameter** 420 mm  
16.5354 in

**C - Inner Ring Width** 65 mm  
2.5591 in

**B - Outer Ring Width** 65 mm  
2.5591 in

### Basic Load Ratings



**C0 - Static Radial Rating**1080000 N  
243000 lbf**C - Dynamic Radial Rating<sup>1</sup>**754000 N  
170000 lbf**Factors****Reference Thermal Speed Rating (Grease)**

1300 rpm

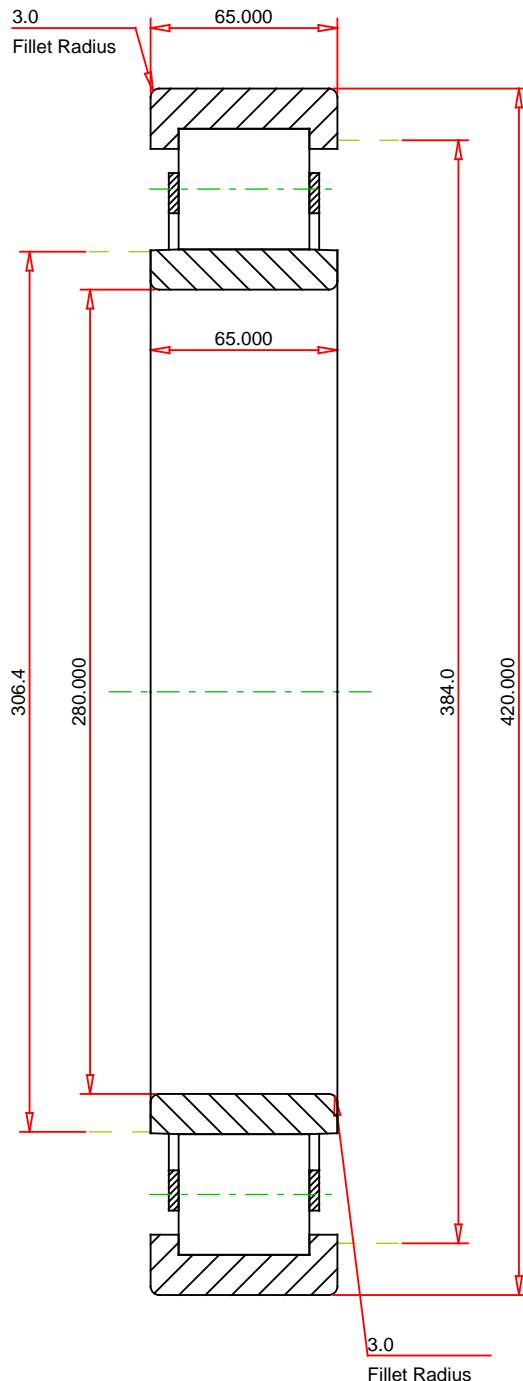
**Reference Thermal Speed Rating (Oil)<sup>2</sup>**

1600 rpm

**Cg - Geometry Factor<sup>3</sup>**

0.1543

**Abutment and Fillet Dimensions****R - Inner Ring "To Clear" Radius<sup>4</sup>**3 mm  
0.1 in**r - Outer Ring "To Clear" Radius<sup>5</sup>**3.0 mm  
0.10 in**da - Inner Ring Backing Diameter**306.4 mm  
12.06 in**Da - Outer Ring Backing Diameter**384 mm  
15.12 in<sup>1</sup> Based on  $1 \times 10^6 L_{10}$  life for the ISO life calculation method.<sup>2</sup> See thermal speed ratings in the engineering section.<sup>3</sup> Geometry constant for Lubrication Life Adjustment Factor a3l.<sup>4</sup> Maximum housing fillet radius that bearing corners will clear.<sup>5</sup> Maximum shaft fillet radius that bearing corners will clear.



### METRIC UNITS

Number of Rollers Per Row Bearing Weight	25 31.0 kg	<b>TIMKEN®</b>  <b>THE TIMKEN COMPANY</b> NORTH CANTON, OHIO USA	NU1056MA CYLINDRICAL ROLLER BEARING
			Dynamic Radial Rating Static Radial Rating

Every reasonable effort has been made to ensure the accuracy of the information contained in this writing, but no liability is accepted for errors, omissions or for any other reason.

FOR DISCUSSION ONLY