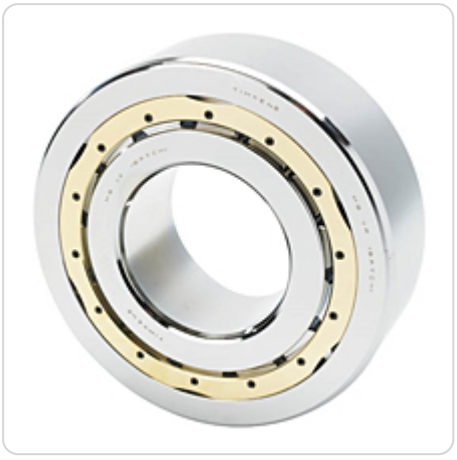
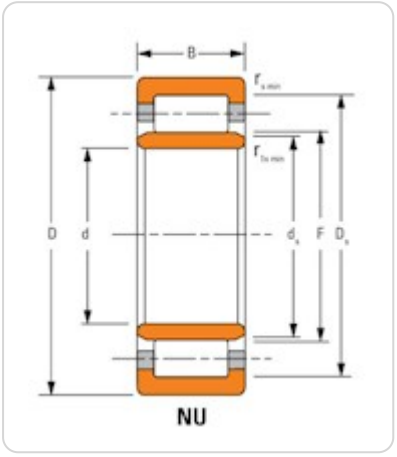
**The Timken Company**
4500 Mt Pleasant St. NW
N. Canton, OH 44720
**Phone:** (234) 262-3000
**E-Mail:** CustomerCAD@timken.com (mailto:CustomerCAD@timken.com) • **Web site:** www.timken.com (http://www.timken.com)



# Part Number NU1030MA, Cylindrical Roller Radial Bearings - Single Row ISO






- Enhanced operational reliability

## Key Dimensions

| | |
|---|---|
| **Bore (d)** | 150 mm |

| | |
|---|---|
| **O.D. (D)** | 225 mm<br>8.8583 in |
| **Width (B)** | 1.378 in<br>35 mm |
| **Dynamic Radial Load Rating - 1M Revs (C1)[1]** | 231000 N<br>51900 lbf |

## Other Dimensions

| | |
|---|---|
| **Weight** | 4.90 Kg<br>10.80 lb |
| **Shaft Backing Shoulder Diameter** | 165 mm<br>6.5000 in |
| **Max Shaft Fillet Radius LF ID** | 1.50 in<br>0.100 mm |
| **Max Shaft Fillet Radius RF ID** | 1.5 in<br>0.100 mm |
| **Max Housing Fillet Radius LF OD** | 2 in<br>0.1 mm |
| **Max Housing Fillet Radius RF OD** | 2 in<br>0.1 mm |
| **Design Units** | Metric |
| **Type** | NU |

## Ratings

| | |
|---|---|
| **Static Radial Load Rating (C0)** | 309000 N<br>69500 lbf |
| **Thermal Reference Speed - Grease** | 3000 rpm |
| **Thermal Reference Speed - Oil[2]** | 3700 rpm |

## Factors

| | |
|---|---|
| **Geometry Factor (Cg) [3]** | 0.1124 |

[1] Based on 1 x $10^6$ $L_{10}$ life for the ISO life calculation method.

[2] See thermal speed ratings in the engineering section.

[3] Geometry constant for Lubrication Life Adjustment Factor a3l.