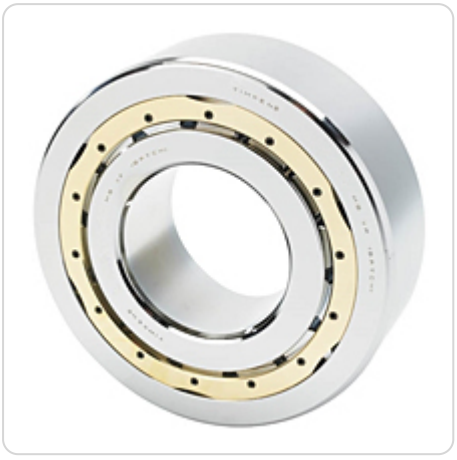
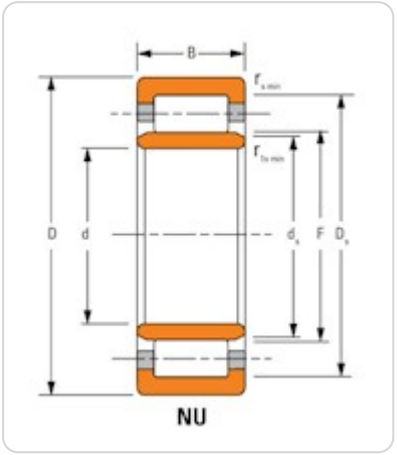
The Timken Company
4500 Mt Pleasant St. NW
N. Canton, OH 44720
Phone: (234) 262-3000
E-Mail: CustomerCAD@timken.com (mailto:CustomerCAD@timken.com) • **Web site:** www.timken.com (http://www.timken.com)

Part Number NU2348EMA, Cylindrical Roller Radial Bearings - Single Row ISO





Key Features

- High radial load capacity
- Unique brass cage design for demanding applications
- Bearing can be separated for easier mounting and dismounting

- Design has a cylindrical inner ring and two ribs on the outer ring, making type NU bearings well suited for use as floating bearings
- Enhanced operational reliability
- Long service life

Key Dimensions

Bore (d)	240 mm
O.D. (D)	500 mm 19.6850 in
Width (B)	6.1024 in 155 mm
Dynamic Radial Load Rating - 1M Revs (C1)[1]	2100000 N 472000 lbf

Other Dimensions

Weight	153 Kg 337.30 lb
Shaft Backing Shoulder Diameter	260 mm 10.2 in
Housing Backing Shoulder Diameter	480 mm 18.9000 in
Max Shaft Fillet Radius LF ID	4 in 0.200 mm
Max Shaft Fillet Radius RF ID	4 in 0.2 mm
Max Housing Fillet Radius LF OD	4 in 0.2 mm
Max Housing Fillet Radius RF OD	4 in 0.2 mm
Design Units	Metric
Type	NU

Ratings

Static Radial Load Rating (C0)	3190000 N 717000 lbf
Thermal Reference Speed - Grease	740 rpm
Thermal Reference Speed - Oil[2]	800 rpm

Factors

Geometry Factor (Cg) [3]	0.1871

[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.