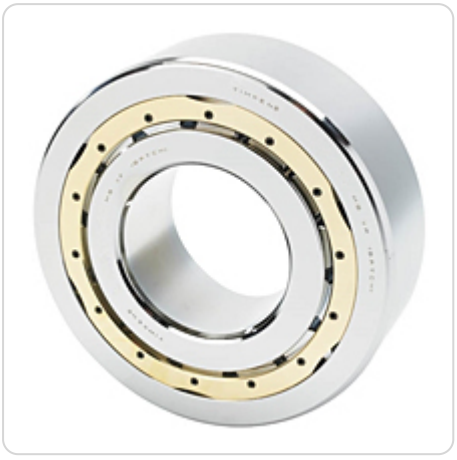
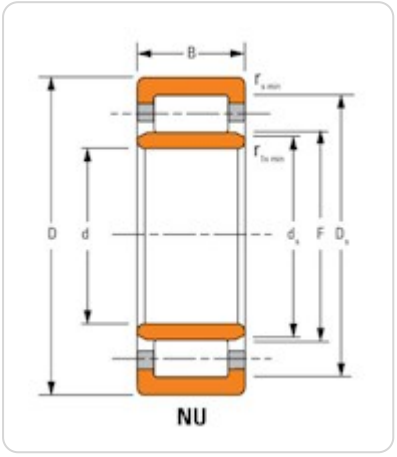
The Timken Company
4500 Mt Pleasant St. NW
N. Canton, OH 44720
Phone: (234) 262-3000
E-Mail: CustomerCAD@timken.com (mailto:CustomerCAD@timken.com) • **Web site:** www.timken.com (http://www.timken.com)

Part Number NU332EMAC3, 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)	160 mm
O.D. (D)	340 mm 13.3858 in
Width (B)	2.6772 in 68 mm
Dynamic Radial Load Rating - 1M Revs (C1)[1]	985000 N 221000 lbf

Other Dimensions

Weight	31.1 Kg 68.40 lb
Shaft Backing Shoulder Diameter	197.3 mm 7.77 in
Housing Backing Shoulder Diameter	300 mm 11.81 in
Max Shaft Fillet Radius LF ID	4 in 0.160 mm
Max Shaft Fillet Radius RF ID	4 in 0.16 mm
Max Housing Fillet Radius LF OD	4 in 0.16 mm
Max Housing Fillet Radius RF OD	4 in 0.16 mm
Design Units	Metric
Type	NU

Ratings

Static Radial Load Rating (C0)	1090000 N 244000 lbf
Thermal Reference Speed - Grease	1700 rpm
Thermal Reference Speed - Oil[2]	1900 rpm

Factors

Geometry Factor (Cg) [3]	0.126

[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.