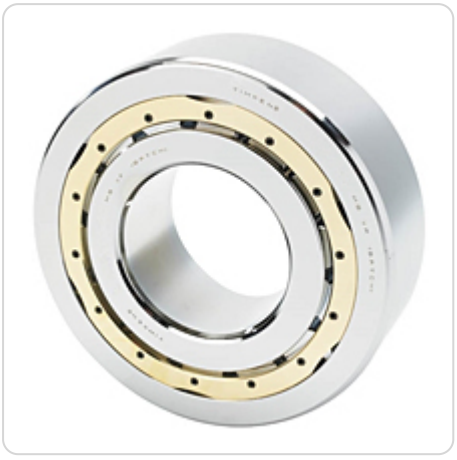
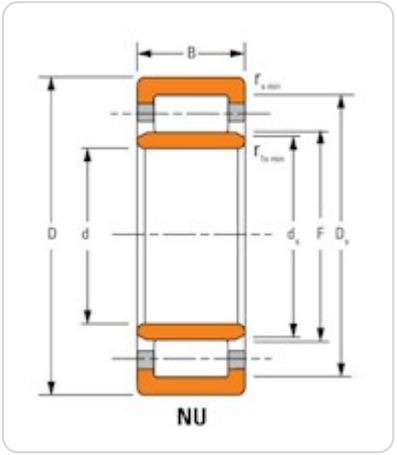
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E-Mail: CustomerCAD@timken.com (mailto:CustomerCAD@timken.com) • **Web site:** www.timken.com (http://www.timken.com)

Part Number NU340EMA, 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)	200 mm
O.D. (D)	420 mm 16.5354 in
Width (B)	3.1496 in 80 mm
Dynamic Radial Load Rating - 1M Revs (C1)[1]	1360000 N 306000 lbf

Other Dimensions

Weight	55.80 Kg 122.7 lb
Shaft Backing Shoulder Diameter	249.9 mm 9.84 in
Housing Backing Shoulder Diameter	370 mm 14.57 in
Max Shaft Fillet Radius LF ID	5 in 0.200 mm
Max Shaft Fillet Radius RF ID	5 in 0.2 mm
Max Housing Fillet Radius LF OD	5 in 0.2 mm
Max Housing Fillet Radius RF OD	5 in 0.2 mm
Design Units	Metric
Type	NU

Ratings

Static Radial Load Rating (C0)	1580000 N 354000 lbf
Thermal Reference Speed - Grease	1300 rpm
Thermal Reference Speed - Oil[2]	1400 rpm

Factors

Geometry Factor (Cg) [3]	0.15

[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.