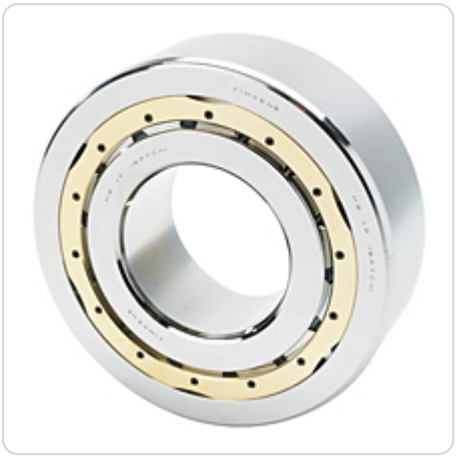
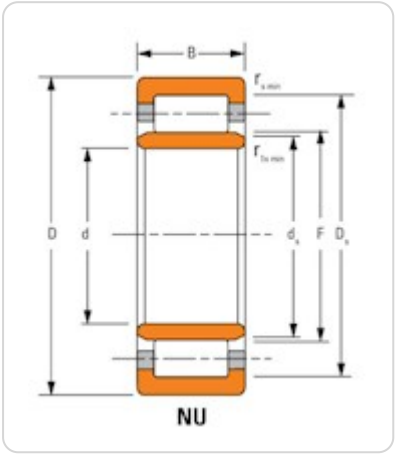
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E-Mail: CustomerCAD@timken.com (mailto:CustomerCAD@timken.com) • **Web site:** www.timken.com (http://www.timken.com)

Part Number NU328EMA, 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)	140 mm
O.D. (D)	300 mm 11.8110 in
Width (B)	2.4409 in 62 mm
Dynamic Radial Load Rating - 1M Revs (C1)[1]	771000 N 173000 lbf

Other Dimensions

Weight	22.1 Kg 48.7 lb
Shaft Backing Shoulder Diameter	174 mm 6.9000 in
Max Shaft Fillet Radius LF ID	3 in 0.100 mm
Max Shaft Fillet Radius RF ID	3 in 0.100 mm
Max Housing Fillet Radius LF OD	3 in 0.1 mm
Max Housing Fillet Radius RF OD	3 in 0.1 mm
Design Units	Metric
Type	NU

Ratings

Static Radial Load Rating (C0)	837000 N 188000 lbf
Thermal Reference Speed - Grease	2100 rpm
Thermal Reference Speed - Oil[2]	2300 rpm

Factors

Geometry Factor (Cg) [3]	0.1120

[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.