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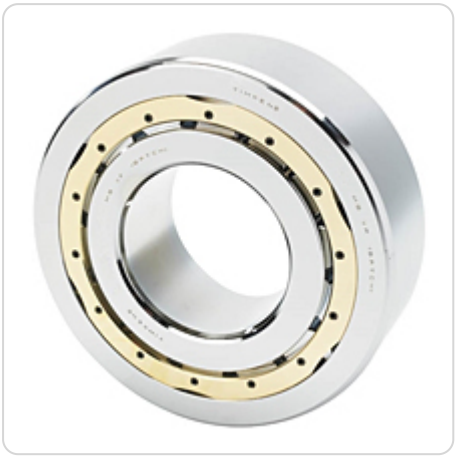
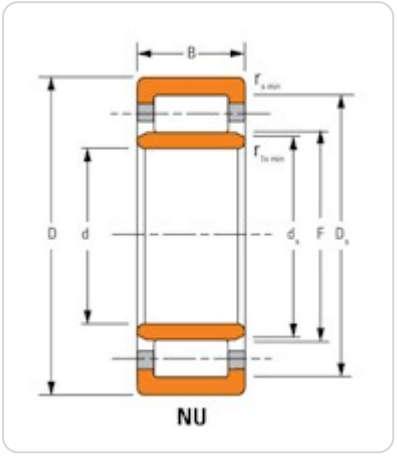
Part Number NU2340EMA, Cylindrical Roller Radial Bearings - Single Row ISO





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)	5.4331 in 138 mm
Dynamic Radial Load Rating - 1M Revs (C1)[1]	2250000 N 506000 lbf

Other Dimensions

Weight	93.200 Kg 205.5 lb
Shaft Backing Shoulder Diameter	241 mm 9.5000 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)	2760000 N 620000 lbf
Thermal Reference Speed - Grease	960 rpm
Thermal Reference Speed - Oil[2]	1000 rpm

Factors

Geometry Factor (Cg) [3]	0.1657

[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.