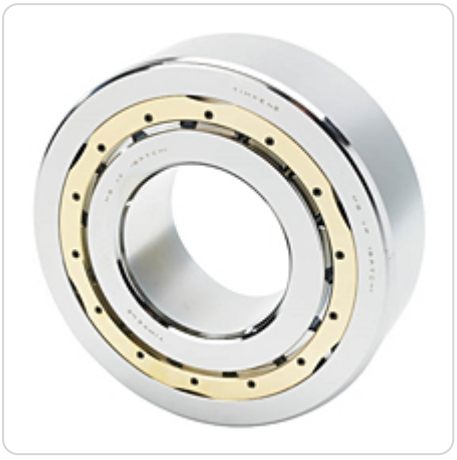
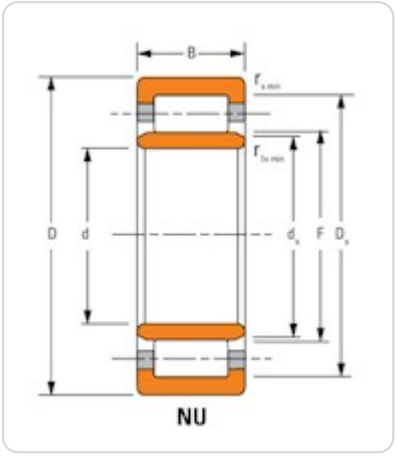
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Part Number NU2238EMA, Cylindrical Roller Radial Bearings - Single Row ISO





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)	190 mm
O.D. (D)	340 mm 13.3858 in
Width (B)	3.622 in 92 mm
Dynamic Radial Load Rating - 1M Revs (C1)[1]	1250000 N 281000 lbf

Other Dimensions

Weight	39.00 Kg 85.8 lb
Shaft Backing Shoulder Diameter	219.000 mm 8.6200 in
Housing Backing Shoulder Diameter	308 mm 12.1300 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)	1680000 N 377000 lbf
Thermal Reference Speed - Grease	1200 rpm
Thermal Reference Speed - Oil[2]	1400 rpm

Factors

Geometry Factor (Cg) [3]	0.149

[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.