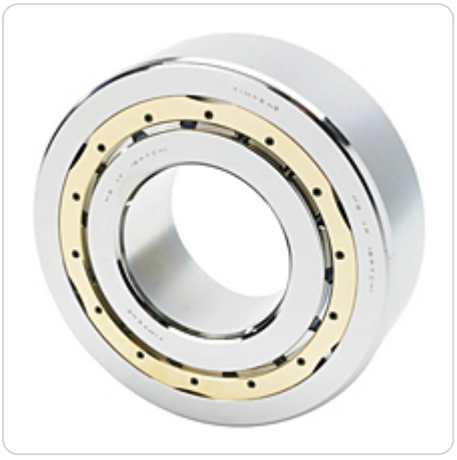
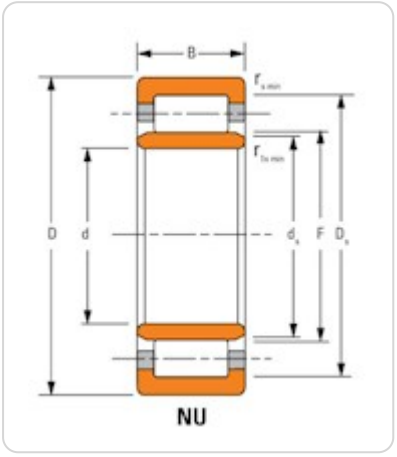
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Part Number NU1072MAC3, Cylindrical Roller Radial Bearings - Single Row ISO





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)	360 mm
O.D. (D)	540 mm 21.2598 in
Width (B)	3.2283 in 82 mm
Dynamic Radial Load Rating - 1M Revs (C1)[1]	1110000 N 250000 lbf

Other Dimensions

Weight	68 Kg 149.90 lb
Shaft Backing Shoulder Diameter	378 mm 14.9000 in
Housing Backing Shoulder Diameter	522 mm 20.6000 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)	1830000 N 411000 lbf
Thermal Reference Speed - Grease	1100 rpm
Thermal Reference Speed - Oil[2]	1300 rpm

Factors

Geometry Factor (Cg) [3]	0.1883

[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.