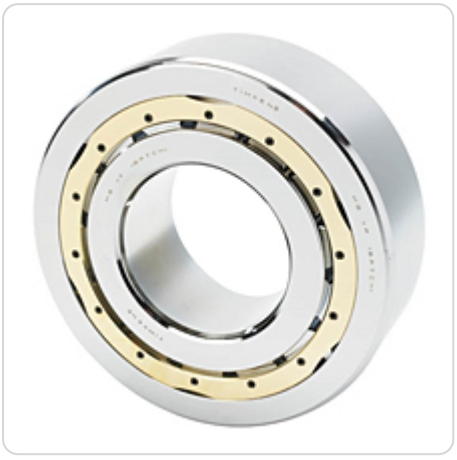
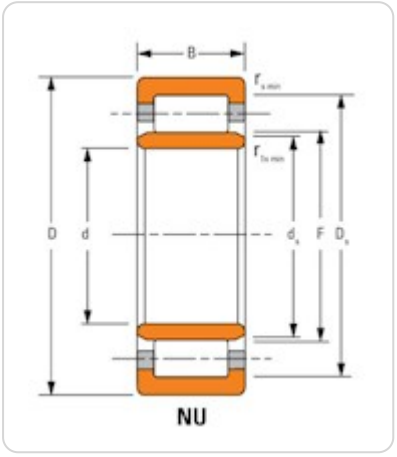
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Part Number NU1080MAC3, Cylindrical Roller Radial Bearings - Single Row ISO





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)	400 mm
O.D. (D)	600 mm 23.6220 in
Width (B)	3.5433 in 90 mm
Dynamic Radial Load Rating - 1M Revs (C1)[1]	1530000 N 344000 lbf

Other Dimensions

Weight	91.900 Kg 202.6 lb
Shaft Backing Shoulder Diameter	418 mm 16.5000 in
Housing Backing Shoulder Diameter	582 mm 22.9000 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)	2290000 N 515000 lbf
Thermal Reference Speed - Grease	950 rpm
Thermal Reference Speed - Oil[2]	1100 rpm

Factors

Geometry Factor (Cg) [3]	0.2052

[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.