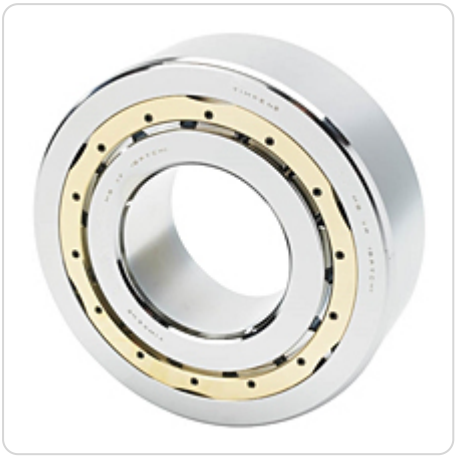
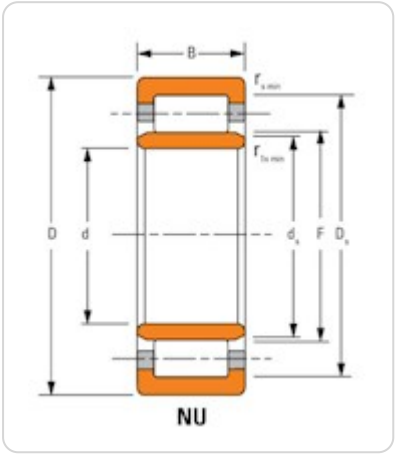
The Timken Company
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E-Mail: CustomerCAD@timken.com (mailto:CustomerCAD@timken.com) • **Web site:** www.timken.com (http://www.timken.com)

Part Number NU1024MA, Cylindrical Roller Radial Bearings - Single Row ISO





- Design has a cylindrical inner ring and two ribs on the outer ring, making type NU bearings well suited for use as floating bearings

Key Dimensions

Bore (d)	120 mm
O.D. (D)	180 mm 7.0866 in
Width (B)	1.1024 in 28 mm
Dynamic Radial Load Rating - 1M Revs (C1)[1]	158000 N 35500 lbf

Other Dimensions

Weight	2.5 Kg 5.5 lb
Shaft Backing Shoulder Diameter	131 mm 5.2000 in
Max Shaft Fillet Radius LF ID	1.00 in
Max Shaft Fillet Radius RF ID	1.00 in
Max Housing Fillet Radius LF OD	2 in 0.1 mm
Max Housing Fillet Radius RF OD	2 in 0.1 mm
Design Units	Metric
Type	NU

Ratings

Static Radial Load Rating (C0)	202000 N 45400 lbf
Thermal Reference Speed - Grease	3500 rpm
Thermal Reference Speed - Oil[2]	4300 rpm

Factors

Geometry Factor (Cg) [3]	0.0939

[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.