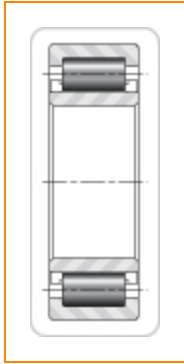




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Part Number NU1030MA, Cylindrical Roller Radial Bearings - Single Row ISO



[Specifications](#) | [Dimensions](#) | [Basic Load Ratings](#) | [Factors](#) | [Abutment and Fillet Dimensions](#)

Specifications

Design Units	Metric
d - Bore	150 mm
Type	NU

Dimensions

D - Outer Diameter	225 mm 8.8583 in
C - Inner Ring Width	35 mm 1.378 in
B - Outer Ring Width	35 mm 1.378 in

Basic Load Ratings



C0 - Static Radial Rating 309000 N
69500 lbf

C - Dynamic Radial Rating¹ 231000 N
51900 lbf

Factors

Reference Thermal Speed Rating (Grease) 2500 rpm

Reference Thermal Speed Rating (Oil)² 3100 rpm

Cg - Geometry Factor³ 0.1124

Abutment and Fillet Dimensions

R - Inner Ring "To Clear" Radius⁴ 1.5 mm
0.100 in

r - Outer Ring "To Clear" Radius⁵ 2 mm
0.1 in

da - Inner Ring Backing Diameter 165 mm
6.5000 in

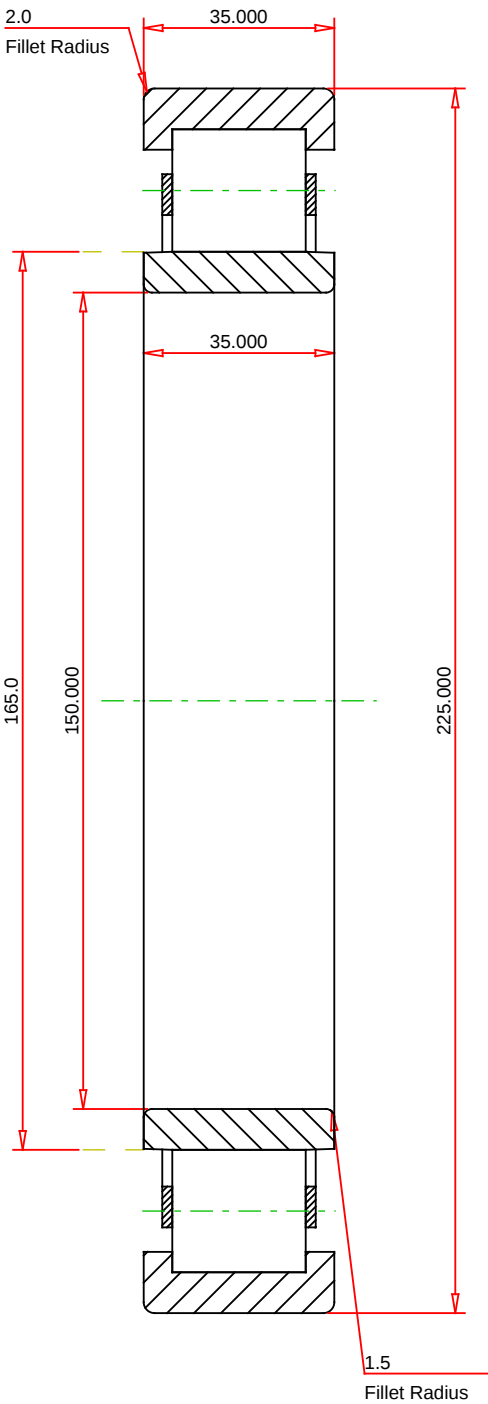
¹ Based on 1×10^6 L₁₀ life for the ISO life calculation method.

² See thermal speed ratings in the engineering section.

³ Geometry constant for Lubrication Life Adjustment Factor a_{3l}.

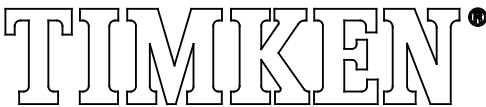
⁴ Maximum housing fillet radius that bearing corners will clear.

⁵ Maximum shaft fillet radius that bearing corners will clear.



METRIC UNITS

Number of Rollers Per Row	26
Bearing Weight	4.9 kg



THE TIMKEN COMPANY

NORTH CANTON, OHIO USA

NU1030MA		
CYLINDRICAL ROLLER BEARING		
Dynamic Radial Rating	231000	N
Static Radial Rating	309000	N

Every reasonable effort has been made to ensure the accuracy of the information contained in this writing, but no liability is accepted for errors, omissions or for any other reason.

FOR DISCUSSION ONLY