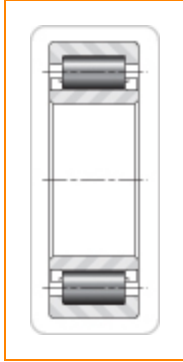



The Timken Company

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Part Number NU1032MA, Cylindrical Roller Radial Bearings - Single Row ISO

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

Design Units	Metric
d - Bore	160 mm
Type	NU

Dimensions

D - Outer Diameter	240 mm 9.4488 in
C - Inner Ring Width	38 mm 1.4961 in
B - Outer Ring Width	38 mm 1.4961 in

Basic Load Ratings


C0 - Static Radial Rating	367000 N 82500 lbf
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C - Dynamic Radial Rating¹	276000 N 62000 lbf
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Factors

Reference Thermal Speed Rating (Grease)	2400 rpm
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Reference Thermal Speed Rating (Oil)²	3000 rpm
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Cg - Geometry Factor³	0.1187
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Abutment and Fillet Dimensions

R - Inner Ring "To Clear" Radius⁴	1.5 mm 0.100 in
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r - Outer Ring "To Clear" Radius⁵	2 mm 0.1 in
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da - Inner Ring Backing Diameter	174 mm 6.9000 in
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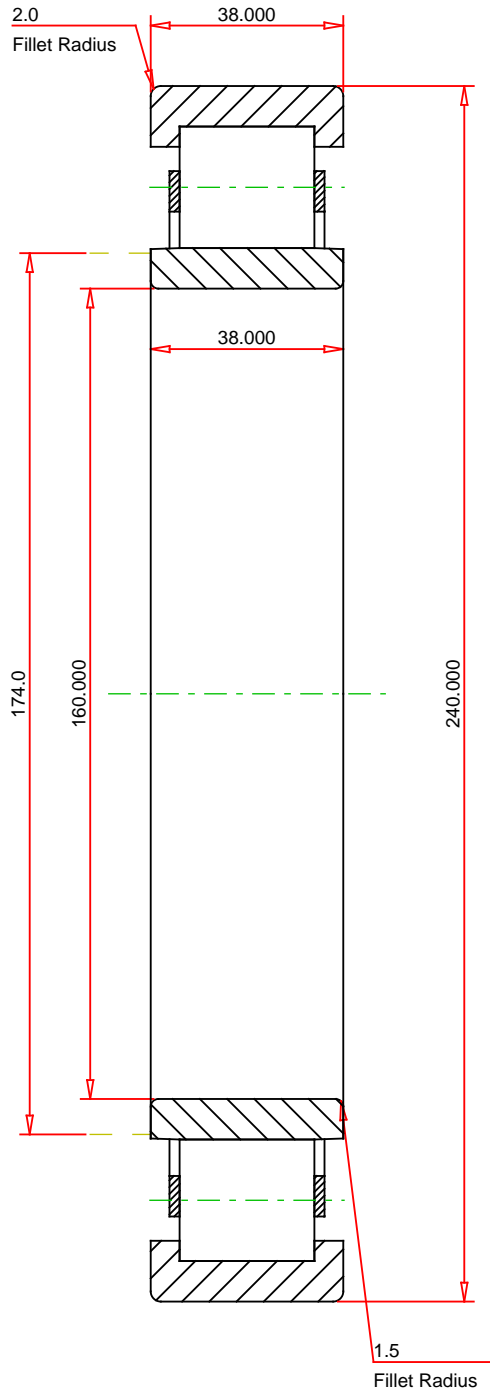
¹ Based on 1×10^6 L₁₀ life for the ISO life calculation method.

² See thermal speed ratings in the engineering section.

³ Geometry constant for Lubrication Life Adjustment Factor a3l.

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 25
 Bearing Weight 5.9 kg

TIMKEN®

NU1032MA
 CYLINDRICAL ROLLER BEARING

THE TIMKEN COMPANY
 NORTH CANTON, OHIO USA

Dynamic Radial Rating 276000 N
 Static Radial Rating 367000 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