


The Timken Company

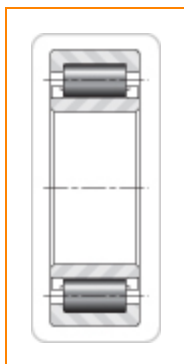
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Part Number NU1056MA, Cylindrical Roller Radial Bearings - Single Row ISO



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Specifications

Design Units	Metric
d - Bore	280 mm
Type	NU

Dimensions

D - Outer Diameter	420 mm 16.5354 in
C - Inner Ring Width	65 mm 2.5591 in
B - Outer Ring Width	65 mm 2.5591 in

Basic Load Ratings



C0 - Static Radial Rating	1080000 N 243000 lbf
C - Dynamic Radial Rating¹	754000 N 170000 lbf

Factors

Reference Thermal Speed Rating (Grease)	1300 rpm
Reference Thermal Speed Rating (Oil)²	1600 rpm
Cg - Geometry Factor³	0.1543

Abutment and Fillet Dimensions

R - Inner Ring "To Clear" Radius⁴	3 mm 0.1 in
r - Outer Ring "To Clear" Radius⁵	3.0 mm 0.10 in
da - Inner Ring Backing Diameter	306.4 mm 12.06 in
Da - Outer Ring Backing Diameter	384 mm 15.12 in

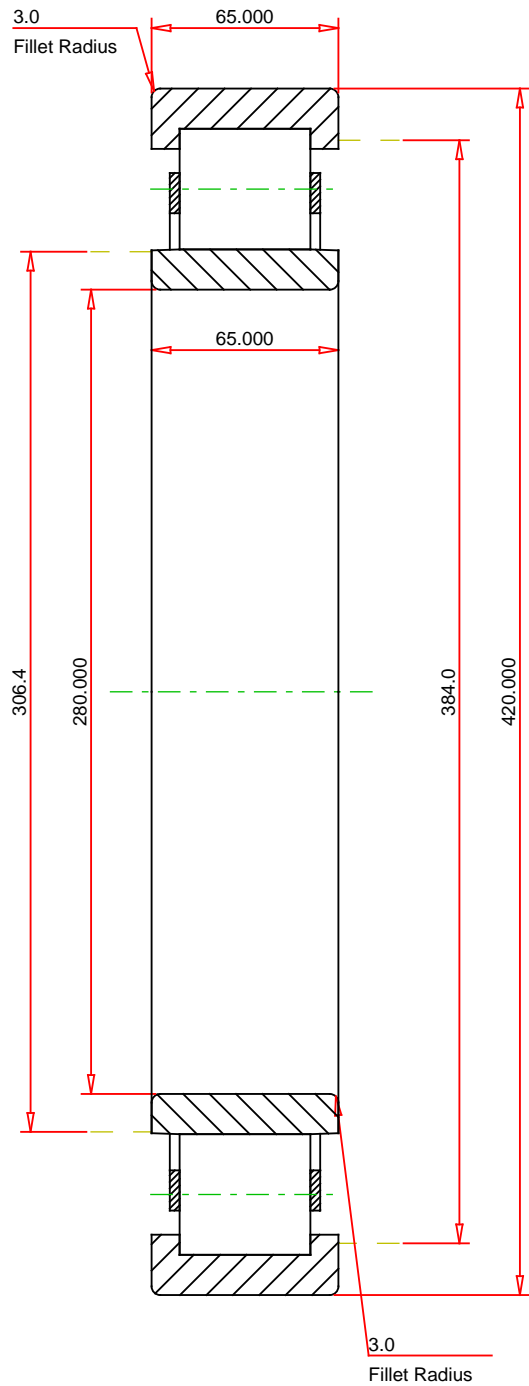
¹ Based on 1×10^6 L₁₀ life for the ISO life calculation method.

² See thermal speed ratings in the engineering section.

³ Geometry constant for Lubrication Life Adjustment Factor 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 31.0 kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

NU1056MA
CYLINDRICAL ROLLER BEARING

Dynamic Radial Rating 754000 N
Static Radial Rating 1080000 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.

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