



The Timken Company

4500 Mt Pleasant St. NW

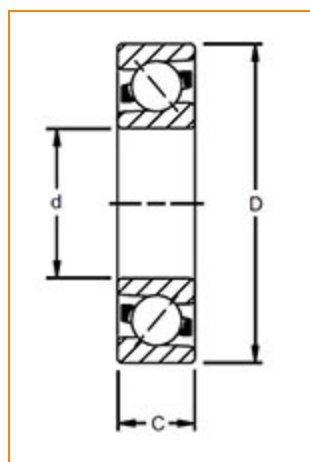
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Part Number 7201 BTN1, Timken® Single Row Angular Contact Ball Bearings (7200, 7300)

Timken® angular contact ball bearings are designed for combination radial and axial loading. Single-row bearings have high thrust capacity in one direction. Some single-row bearings are specifically designed for duplex mounting in sets for maximum performance.



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

Dimensions

d - Bore	12.00 mm 0.4724 in
D - Outer Diameter	32.00 mm 1.2598 in
Bearing Width	10.00 mm 0.3937 in
Contact Angle	40 °

Basic Load Ratings

C0 - Static Radial Rating	3700 N 832 lbf
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7100 N

C1 ISO - Dynamic Radial Rating 7400 N
1663 lbf

Factors

Limiting Speed (Grease) 21000 rpm

Limiting Speed (Oil) 28000 rpm

Specifications

Ball Type STEEL

Cage Type Molded

Cage Material Polyamide

Bearing Weight 0.04 Kg
0.088 lb

Design Units METRIC

R - Inner Ring "Touch" Radius 0.6

r - Outer Ring "Touch" Radius 0.6

Features Open

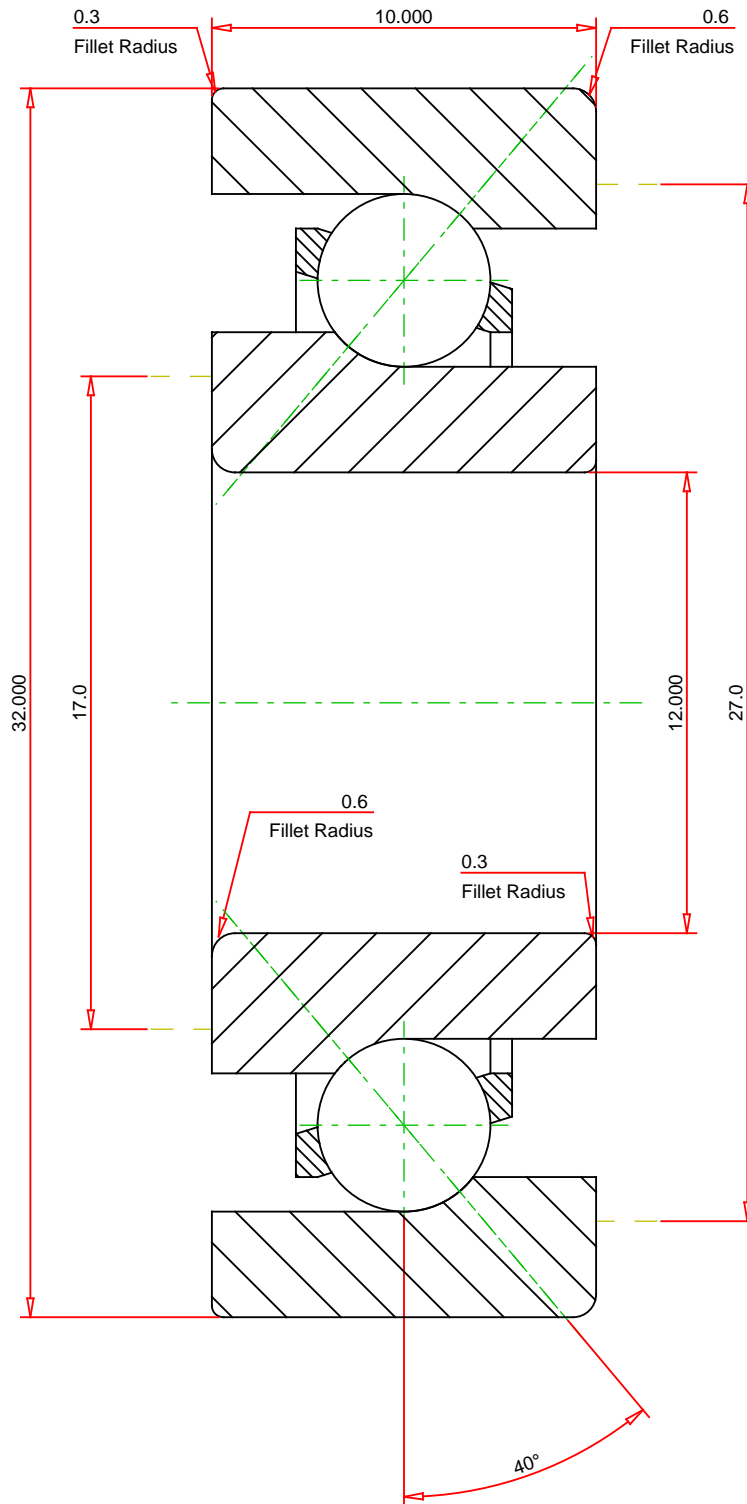
Abutment and Fillet Dimensions

R - Inner Ring "To Clear" Radius¹ 0.30 mm
0.012 in

r - Outer Ring "To Clear" Radius² 0.30 mm
0.012 in

da - Inner Ring Backing Diameter 17.0 mm
0.669 in

Da - Outer Ring Backing Diameter 27.0 mm
1.063 in



METRIC UNITS

Number of Balls Per Row Bearing Weight	10 0.040 kg	<div>TIMKEN®</div>	7201 BTN1 Timken® Single Row Angular Contact Ball Bearings (7200, 7300)	
		<div>THE TIMKEN COMPANY NORTH CANTON, OHIO USA</div>	Dynamic Radial Rating	7400 N
			Static Radial Rating	3700 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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