


The Timken Company

4500 Mt Pleasant St. NW

N. Canton, OH 44720

Phone: (234) 262-3000

E-Mail: CustomerCAD@timken.com • **Web site:** www.timken.com

Timken Part Number 2MMC201WI, Fafnir® Spindle Angular Contact Ball Bearings (9300WI, 9100WI, 200WI, 300WI)

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	12.000 mm 0.4724 in
D - Outer Diameter	32.000 mm 1.2598 in
Bearing Width	10.000 mm 0.3937 in
Contact Angle	15 °
do - Ball Diameter	5.953252 mm 0.234380 in

Basic Load Ratings

C0 - Static Radial Rating	3410 N 770 lbf
Ce - Dynamic Radial Rating¹	8760 N 1970 lbf

Factors

Limiting Speed (Grease)	68000 rpm
Limiting Speed (Oil)	136000 rpm

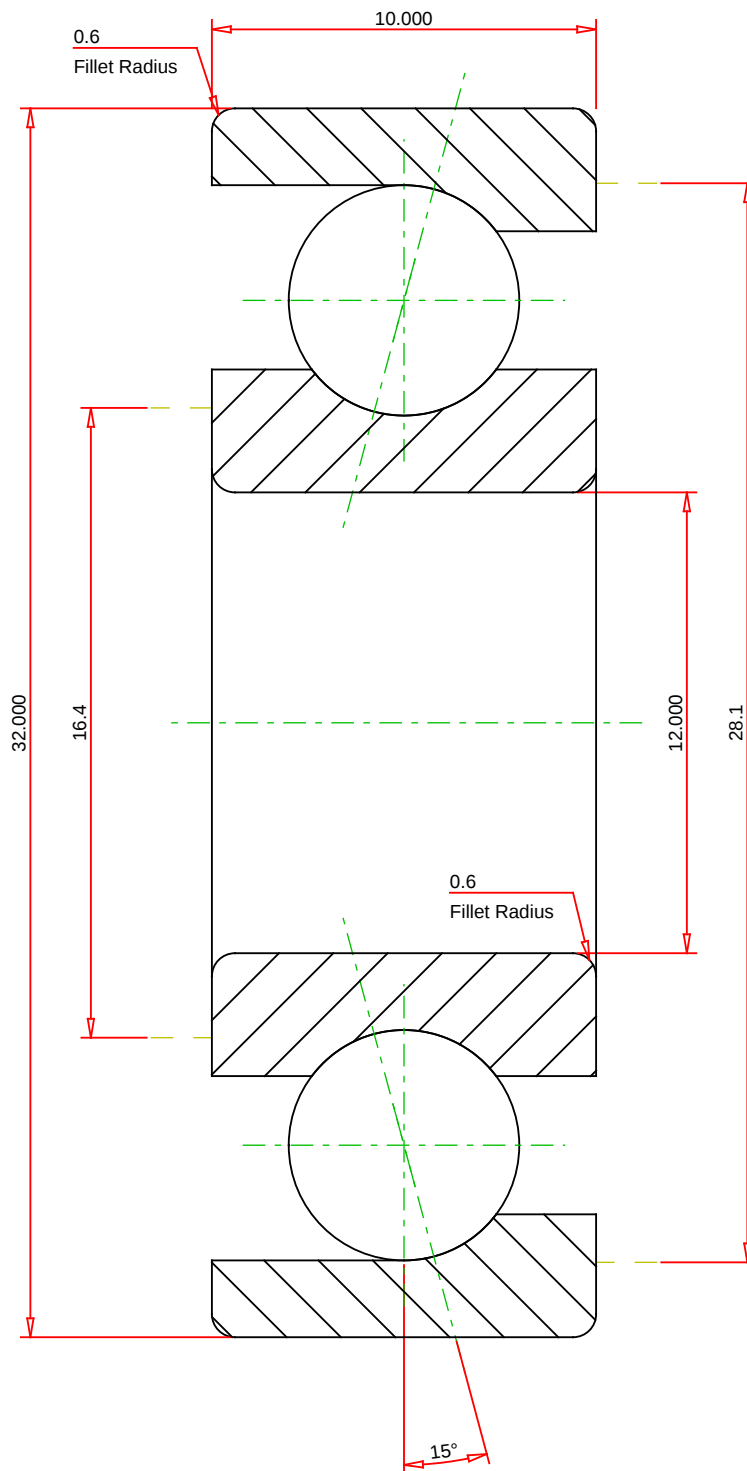
Specifications

Ball Type	Ceramic
Cage Type	CR - Phenolic Outer Land Riding Cage
Bearing Weight	0.036 Kg 0.08 lb
Design Units	METRIC

Abutment and Fillet Dimensions

R - Inner Ring "To Clear" Radius²	0.600 mm 0.024 in
r - Outer Ring "To Clear" Radius³	0.600 mm 0.024 in
da - Inner Ring Backing Diameter	16.400 mm 0.650 in
Da - Outer Ring Backing Diameter	28.100 mm 1.110 in

- ¹ Based on 10^6 revolutions of calculated fatigue life.
- ² Maximum housing fillet radius that bearing corners will clear.
- ³ Maximum shaft fillet radius that bearing corners will clear.



METRIC UNITS

Number of Balls Per Row
Bearing Weight

9
0.036 kg

TIMKEN®

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NORTH CANTON, OHIO USA

2MMC201WI

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(9300WI, 9100WI, 200WI, 300WI)

Dynamic Radial Rating
Static Radial Rating

8760 N
3410 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