


The Timken Company

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Timken Part Number 2MMC202WI, 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	15.000 mm 0.5906 in
D - Outer Diameter	35.000 mm 1.3780 in
Bearing Width	11.000 mm 0.4331 in
Contact Angle	15 °
do - Ball Diameter	5.953252 mm 0.234380 in

Basic Load Ratings

C0 - Static Radial Rating	4010 N 900 lbf
Ce - Dynamic Radial Rating¹	9580 N 2200 lbf

Factors

Limiting Speed (Grease)	57400 rpm
Limiting Speed (Oil)	114800 rpm

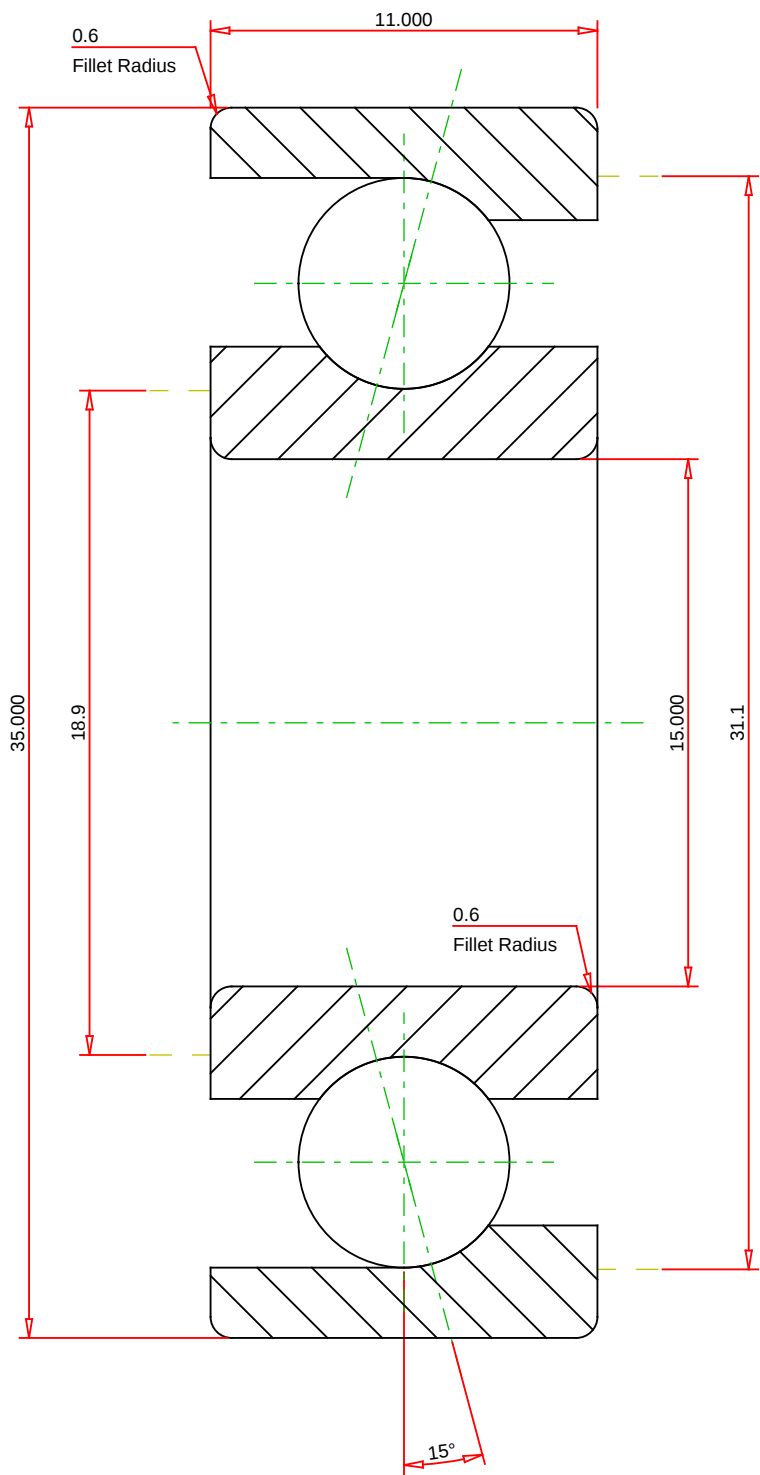
Specifications

Ball Type	Ceramic
Cage Type	CR - Phenolic Outer Land Riding Cage
Bearing Weight	0.044 Kg 0.100 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	18.900 mm 0.750 in
Da - Outer Ring Backing Diameter	31.100 mm 1.230 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 10
Bearing Weight 0.044 kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

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Fafnir® Spindle Angular Contact Ball Bearings
(9300WI, 9100WI, 200WI, 300WI)

Dynamic Radial Rating 9580 N
Static Radial Rating 4010 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