


The Timken Company

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Timken Part Number 2MMC217WI, 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.



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Dimensions

d - Bore	85.000 mm 3.3465 in
D - Outer Diameter	150.000 mm 5.9055 in
Bearing Width	28.000 mm 1.1024 in
Contact Angle	15 °
do - Ball Diameter	20.63750 mm 0.81250 in

Basic Load Ratings

C0 - Static Radial Rating	80700 N 18200 lbf
Ce - Dynamic Radial Rating¹	118900 N 26700 lbf

Factors

Limiting Speed (Grease)	11300 rpm
Limiting Speed (Oil)	22600 rpm

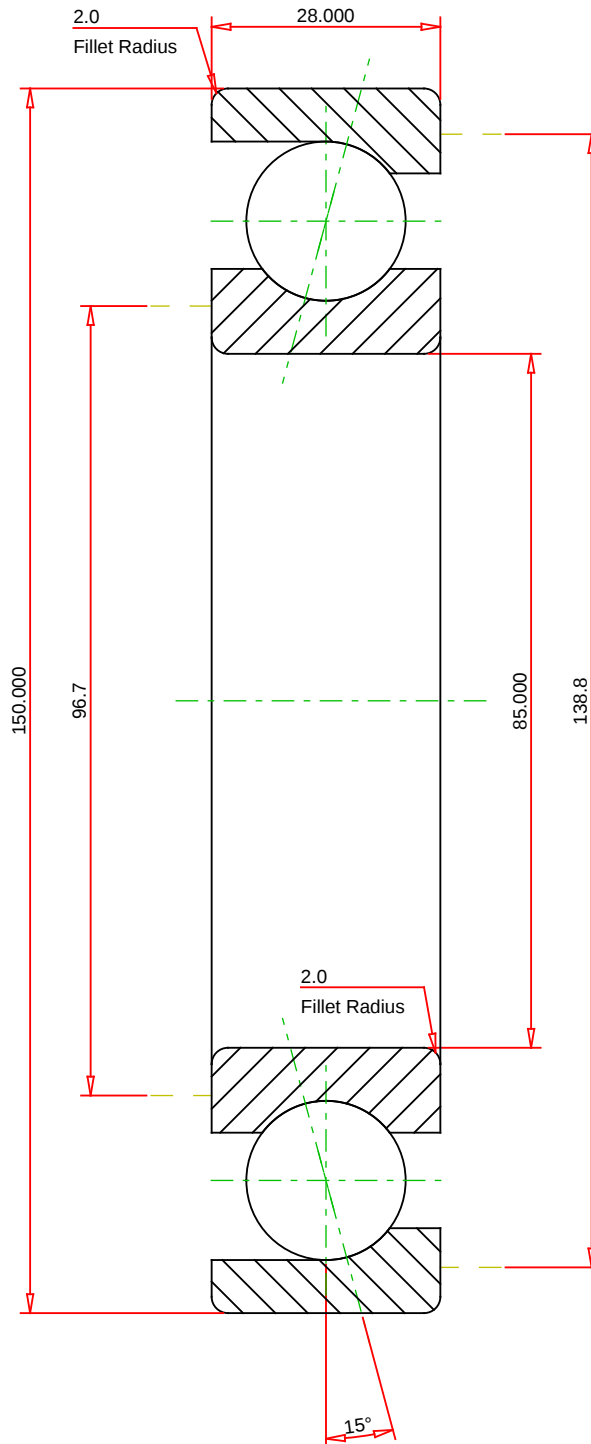
Specifications

Ball Type	Ceramic
Cage Type	CR - Phenolic Outer Land Riding Cage
Bearing Weight	1.817 Kg 4.010 lb
Design Units	METRIC
Precision Class	ISO P4S (ABEC 7/9)

Abutment and Fillet Dimensions

R - Inner Ring "To Clear" Radius²	2.000 mm 0.079 in
r - Outer Ring "To Clear" Radius³	2.000 mm 0.079 in
da - Inner Ring Backing Diameter	96.700 mm 3.810 in
Da - Outer Ring Backing Diameter	138.800 mm 5.470 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	15 1.817 kg	TIMKEN®		2MMC217WI Fafnir® Spindle Angular Contact Ball Bearings (9300WI, 9100WI, 200WI, 300WI)	
		THE TIMKEN COMPANY NORTH CANTON, OHIO USA		Dynamic Radial Rating	118900 N
				Static Radial Rating	80700 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