


The Timken Company

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Timken Part Number 2MM9326WI, 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	130.000 mm 5.1181 in
D - Outer Diameter	180.000 mm 7.0866 in
Bearing Width	24.000 mm 0.9449 in
Contact Angle	15 °
do - Ball Diameter	13.493750 mm 0.531250 in

Basic Load Ratings

C0 - Static Radial Rating	86400 N 19400 lbf
Ce - Dynamic Radial Rating¹	78500 N 17600 lbf

Factors

Limiting Speed (Grease)	7100 rpm
Limiting Speed (Oil)	14200 rpm

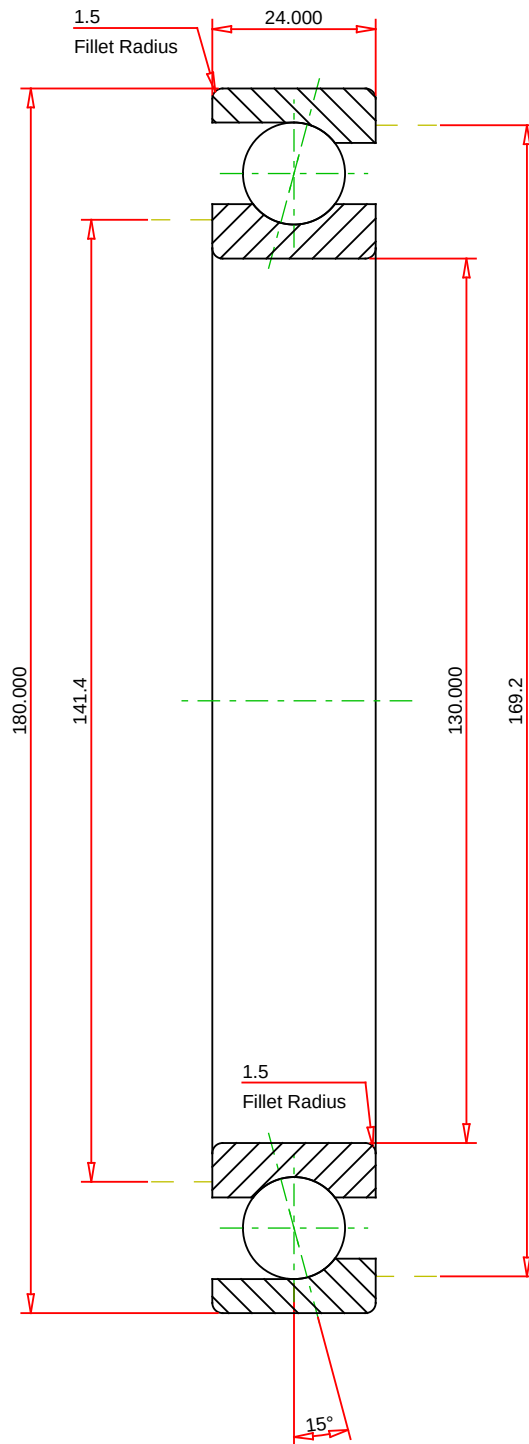
Specifications

Ball Type	Steel
Cage Type	CR - Phenolic Outer Land Riding Cage
Bearing Weight	1.650 Kg 3.63 lb
Design Units	METRIC
Precision Class	ISO P4S (ABEC 7/9)

Abutment and Fillet Dimensions

R - Inner Ring "To Clear" Radius²	1.500 mm 0.059 in
r - Outer Ring "To Clear" Radius³	1.500 mm 0.059 in
da - Inner Ring Backing Diameter	141.400 mm 5.570 in
Da - Outer Ring Backing Diameter	169.200 mm 6.660 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	30
Bearing Weight	1.650 kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

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

Dynamic Radial Rating	78500	N
Static Radial Rating	86400	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