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Timken Part Number 7320WN MBR, Fafnir® Single Row Angular Contact Ball Bearings (7200, 7300, 7400)

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 | Specifications | Abutment and Fillet Dimensions

Dimensions

d - Bore	100.000 mm 3.9370 in
D - Outer Diameter	215.000 mm 8.4646 in
Bearing Width	47.000 mm 1.8504 in
Contact Angle	40 °
do - Ball Diameter	36.51250 mm 1.43750 in

Basic Load Ratings

C0 - Static Radial Rating	177000 N 40000 lbf
Ce - Dynamic Radial Rating[1]	217000 N 49000 lbf

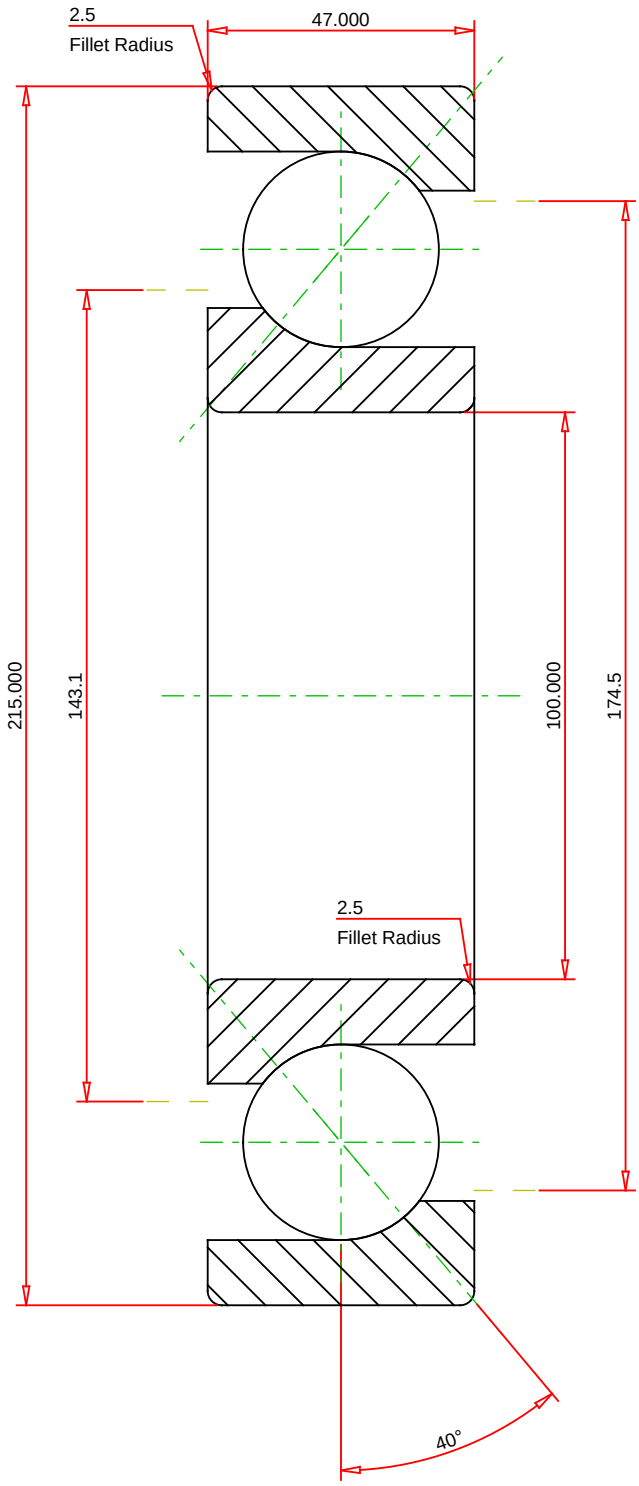
Specifications

Ball Type	Steel
Cage Type	Outer Ring Piloted, Machined Bronze Cage
Bearing Weight	8.227 Kg 18.12 lb
Design Units	METRIC

Abutment and Fillet Dimensions

R - Inner Ring "To Clear" Radius[2]	2.500 mm 0.098 in
r - Outer Ring "To Clear" Radius[3]	2.500 mm 0.098 in
da - Inner Ring Backing Diameter	143.130 mm 5.635 in
Da - Outer Ring Backing Diameter	174.500 mm 6.870 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	12	
Bearing Weight	8.227	kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

7320WN MBR

Fafnir® Single Row Angular Contact Ball Bearings
(7200, 7300, 7400)

Dynamic Radial Rating	217000	N
Static Radial Rating	177000	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