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Timken Part Number 7322WN 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	110.000 mm 4.3307 in
D - Outer Diameter	240.000 mm 9.4488 in
Bearing Width	50.000 mm 1.9685 in
Contact Angle	40 °
do - Ball Diameter	41.27500 mm 1.62500 in

Basic Load Ratings

C0 - Static Radial Rating	226000 N 51000 lbf
Ce - Dynamic Radial Rating[1]	253000 N 57000 lbf

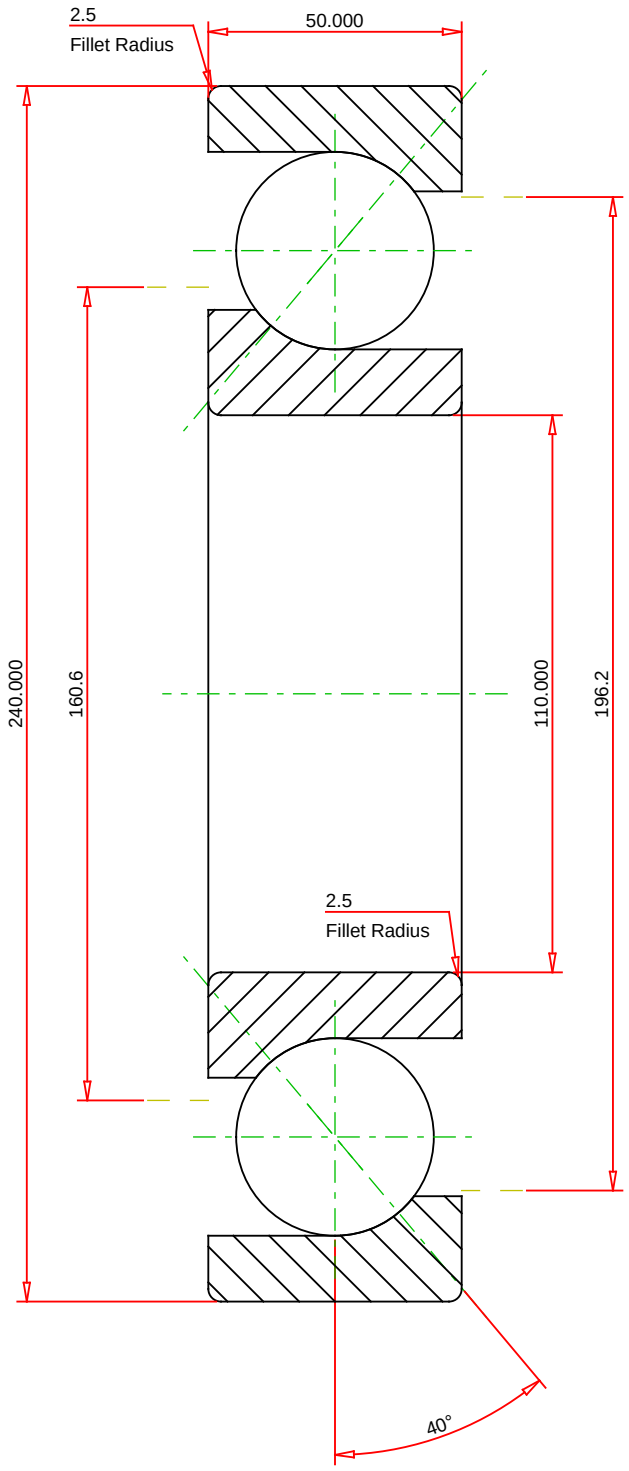
Specifications

Ball Type	Steel
Cage Type	Outer Ring Piloted, Machined Bronze Cage
Bearing Weight	10.892 Kg 23.99 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	160.570 mm 6.3215 in
Da - Outer Ring Backing Diameter	196.160 mm 7.723 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	10.892	kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

7322WN MBR

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

Dynamic Radial Rating	253000	N
Static Radial Rating	226000	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