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Timken Part Number 7226WN 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	130.000 mm 5.1181 in
D - Outer Diameter	230.000 mm 9.0551 in
Bearing Width	40.000 mm 1.5750 in
Contact Angle	40 °
do - Ball Diameter	31.75000 mm 1.25000 in

Basic Load Ratings

C0 - Static Radial Rating	176000 N 43000 lbf
Ce - Dynamic Radial Rating[1]	211000 N 47500 lbf

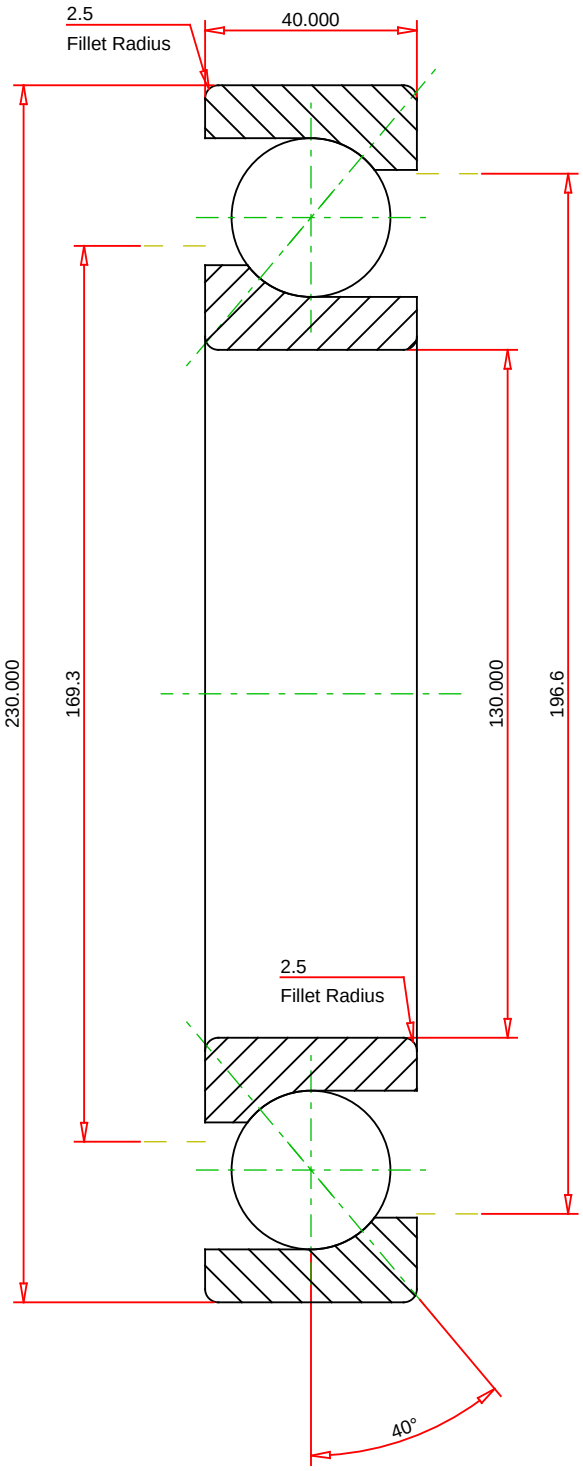
Specifications

Ball Type	Steel
Cage Type	Outer Ring Piloted, Machined Bronze Cage
Bearing Weight	7.543 Kg 16.63 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	169.290 mm 6.665 in
Da - Outer Ring Backing Diameter	196.570 mm 7.739 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	16	
Bearing Weight	7.543	kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

7226WN MBR

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

Dynamic Radial Rating	211000	N
Static Radial Rating	176000	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