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Timken Part Number 7411PW BR, 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	55.000 mm 2.1654 in
D - Outer Diameter	140.000 mm 5.5118 in
Bearing Width	33.000 mm 1.2992 in
Contact Angle	35 º
do - Ball Diameter	26.98750 mm 1.06250 in

Basic Load Ratings

C0 - Static Radial Rating	71000 N 16000 lbf
Ce - Dynamic Radial Rating[1]	122000 N 27500 lbf

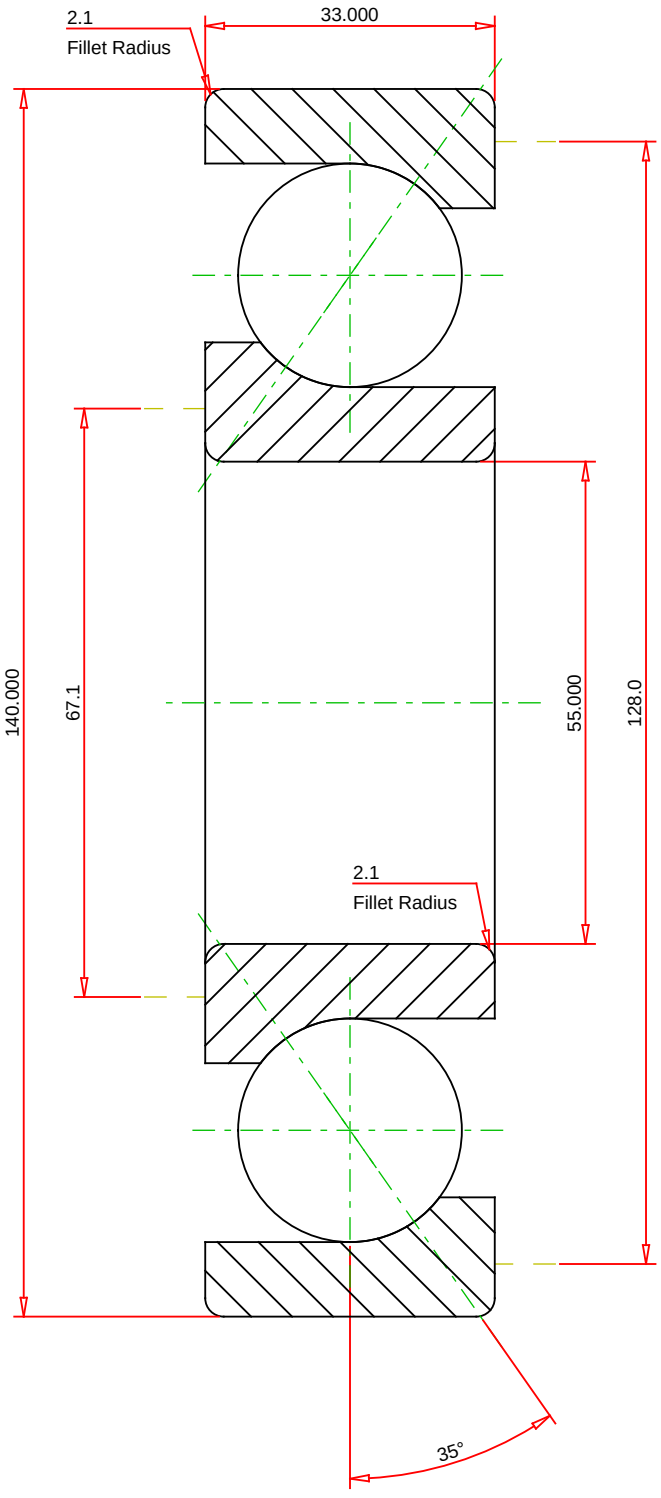
Specifications

Ball Type	Steel
Cage Type	Steel Cage
Bearing Weight	2.681 Kg 5.91 lb
Design Units	METRIC

Abutment and Fillet Dimensions

R - Inner Ring "To Clear" Radius[2]	2.100 mm 0.083 in
r - Outer Ring "To Clear" Radius[3]	2.100 mm 0.083 in
da - Inner Ring Backing Diameter	67.100 mm 2.640 in
Da - Outer Ring Backing Diameter	128.000 mm 5.040 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	9	
Bearing Weight	2.681	kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

7411PW BR

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

Dynamic Radial Rating	122000	N
Static Radial Rating	71000	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