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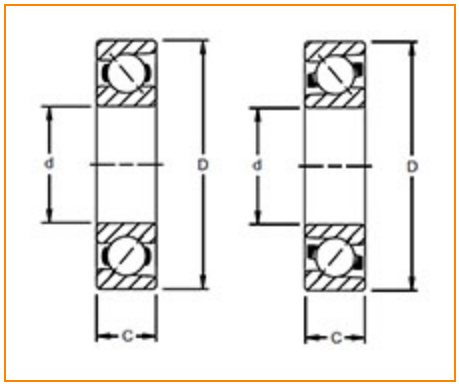
Part Number 7408W, Fafnir® Single Row Angular Contact Ball Bearings (7200, 7300, 7400)

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	40.00 mm 1.5748 in
D - Outer Diameter	110.00 mm 4.3307 in
Bearing Width	27.00 mm 1.0630 in
Contact Angle	20 °

Basic Load Ratings

C0 - Static Radial Rating	56400 N 12700 lbf
	99500 N

Ce - Dynamic Radial Rating[1]	99500 N 22400 lbf

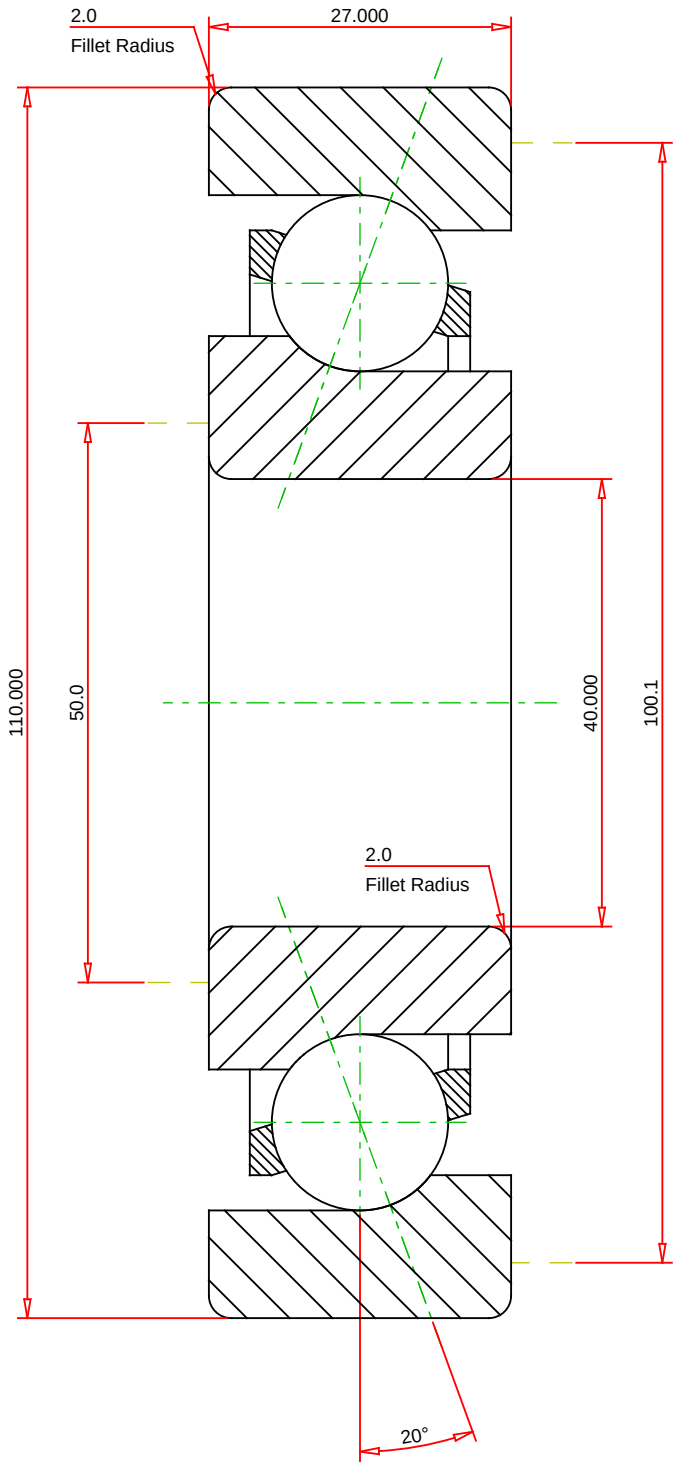
Specifications

Ball Type	STEEL
Cage Type	Steel Cage
Bearing Weight	1.311 Kg 2.89 lb
Design Units	METRIC

Abutment and Fillet Dimensions

R - Inner Ring "To Clear" Radius[2]	2 mm 0.079 in
r - Outer Ring "To Clear" Radius[3]	2 mm 0.079 in
da - Inner Ring Backing Diameter	50.000 mm 1.970 in
Da - Outer Ring Backing Diameter	100.10 mm 3.940 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	10	
Bearing Weight	1.311	kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

7408W

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(7200, 7300, 7400)

Dynamic Radial Rating	99500	N
Static Radial Rating	56400	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