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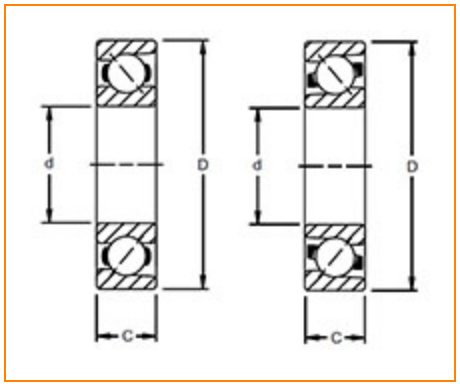
Part Number 7406W, Fafnir® Single Row Angular Contact Ball Bearings (7200, 7300, 7400)

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	30.00 mm 1.1811 in
D - Outer Diameter	90.00 mm 3.5433 in
Bearing Width	23.00 mm 0.9055 in
Contact Angle	20 °

Basic Load Ratings

C0 - Static Radial Rating	35500 N 8000 lbf
	69000 N

Ce - Dynamic Radial Rating[1]	69000 N 15600 lbf

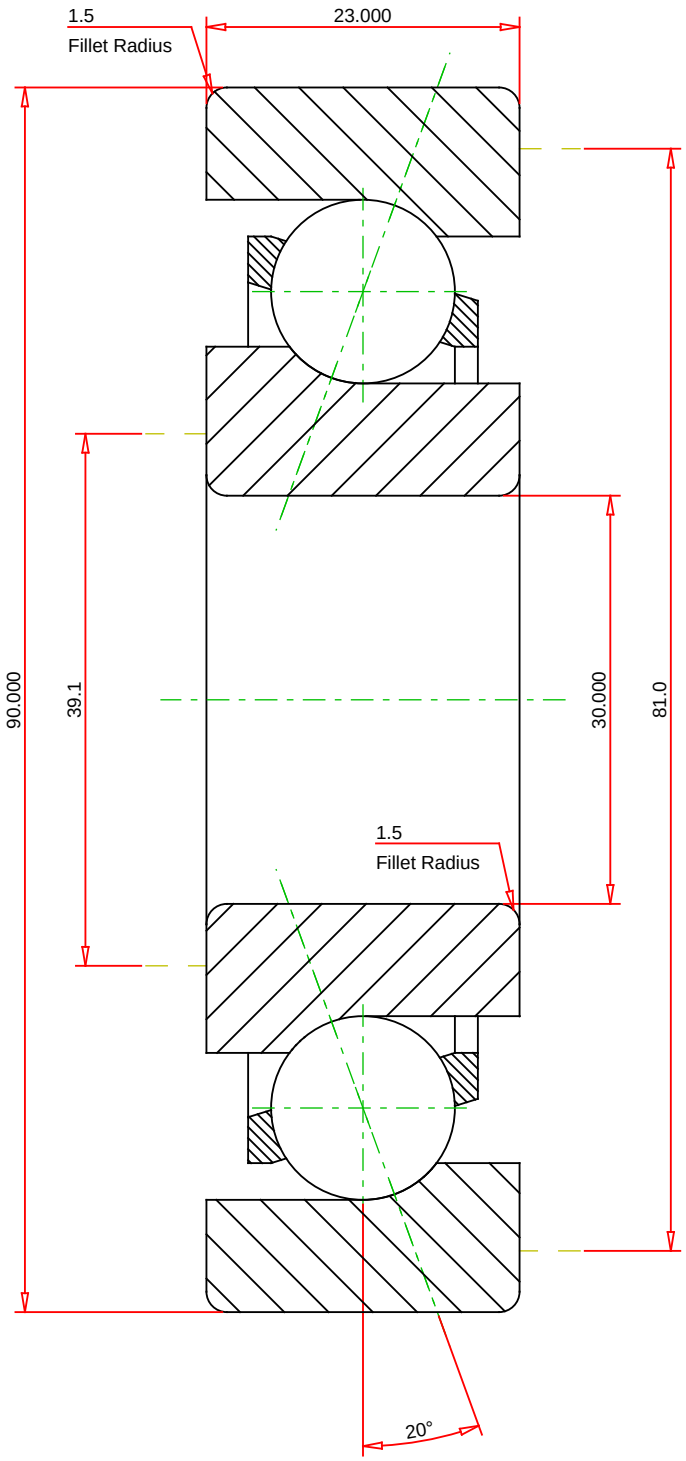
Specifications

Ball Type	STEEL
Cage Type	Steel Cage
Bearing Weight	0.957 Kg 2.11 lb
Design Units	METRIC

Abutment and Fillet Dimensions

R - Inner Ring "To Clear" Radius[2]	1.50 mm 0.059 in
r - Outer Ring "To Clear" Radius[3]	1.50 mm 0.059 in
da - Inner Ring Backing Diameter	39.100 mm 1.540 in
Da - Outer Ring Backing Diameter	81.00 mm 3.1900 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	0.957	kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

7406W

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

Dynamic Radial Rating	69000	N
Static Radial Rating	35500	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