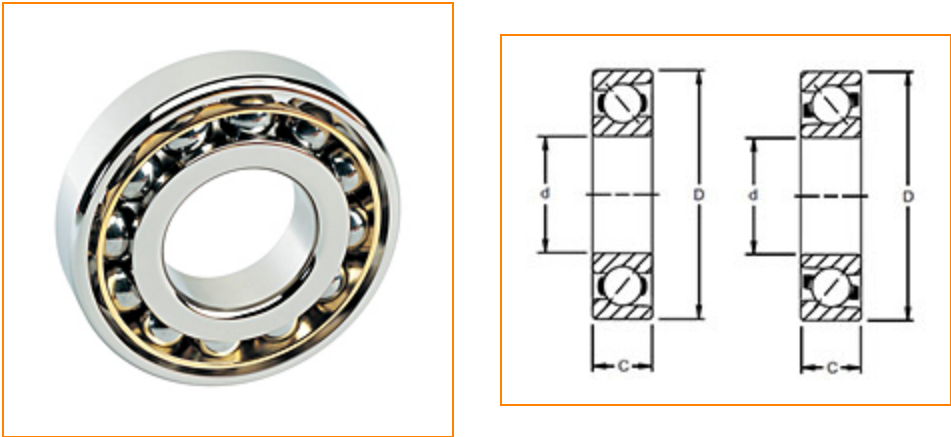




The Timken Company
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Part Number 7406W, Fafnir® Single Row Angular Contact Ball Bearings (7200, 7300, 7400)

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 mm
D - Outer Diameter	90 mm 3.5433 in
Bearing Width	23 mm 0.9055 in
Contact Angle	20 °

Basic Load Ratings	
C0 - Static Radial Rating	35500 N 8000 lbf


Ce - Dynamic Radial Rating¹

 69000 N
 15600 lbf

Specifications

Ball Type	STEEL
Cage Type	Steel Cage
Design Units	Metric

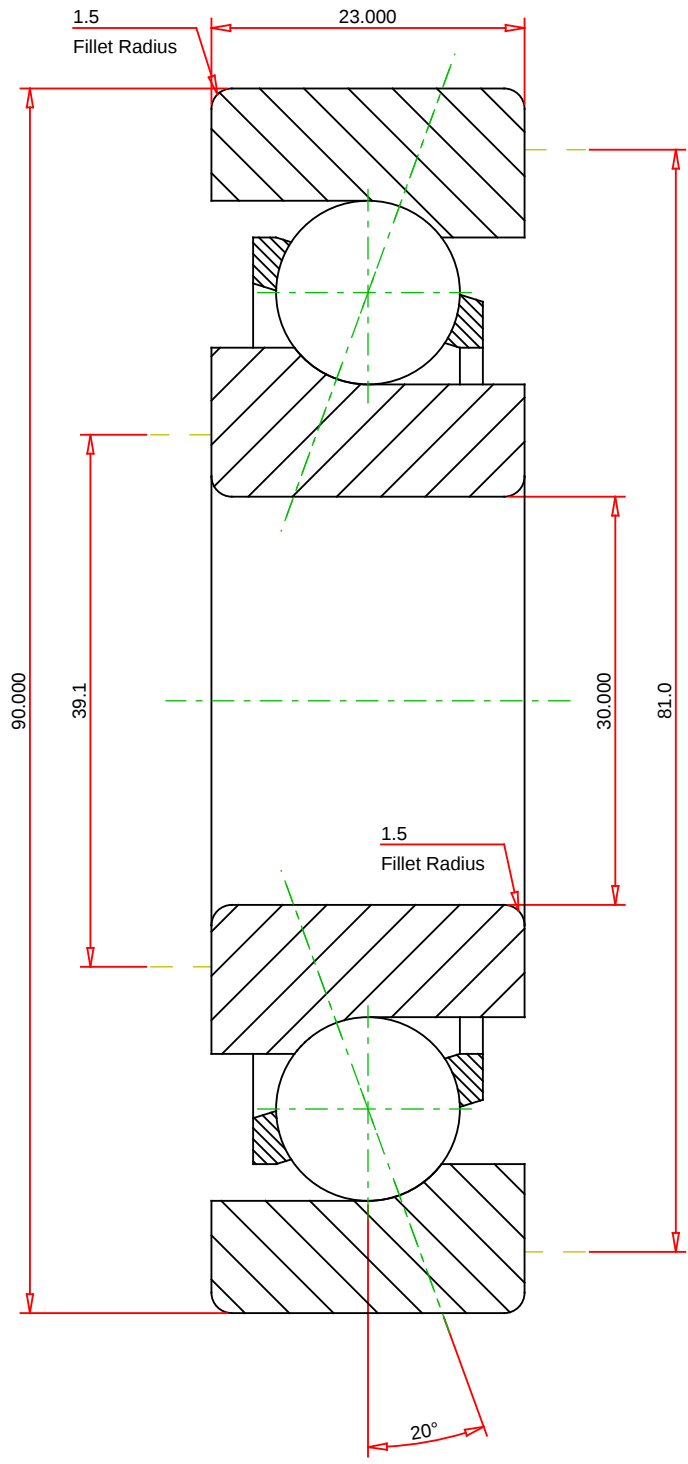
Abutment and Fillet Dimensions

R - Inner Ring "To Clear" Radius²	1.5 mm 0.059 in
r - Outer Ring "To Clear" Radius³	1.5 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 Bearing Weight	9 0.957 kg	TIMKEN®	7406W Fafnir® Single Row Angular Contact Ball Bearings (7200, 7300, 7400)	
		THE TIMKEN COMPANY NORTH CANTON, OHIO USA	Dynamic Radial Rating69000 N Static Radial Rating35500 N	