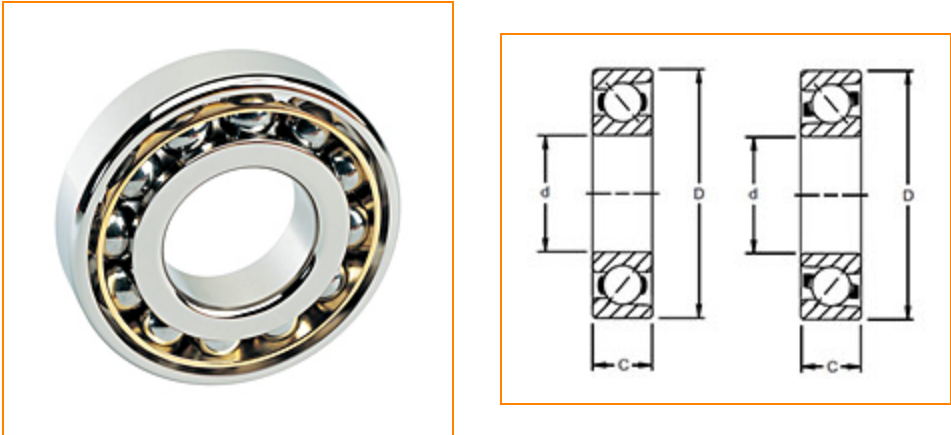




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Part Number 7306WN SU, Fafnir® Single Row Angular Contact Ball Bearings (7200, 7300, 7400)

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	72 mm 2.8346 in
Bearing Width	19 mm 0.748 in
Contact Angle	40 °

Basic Load Ratings

 C₀ - Static Radial Rating	20800 N 4650 lbf
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Ce - Dynamic Radial Rating¹34600 N
7800 lbf**Specifications****Ball Type**

STEEL

Cage Type

Ball Piloted, Pressed Brass Cage

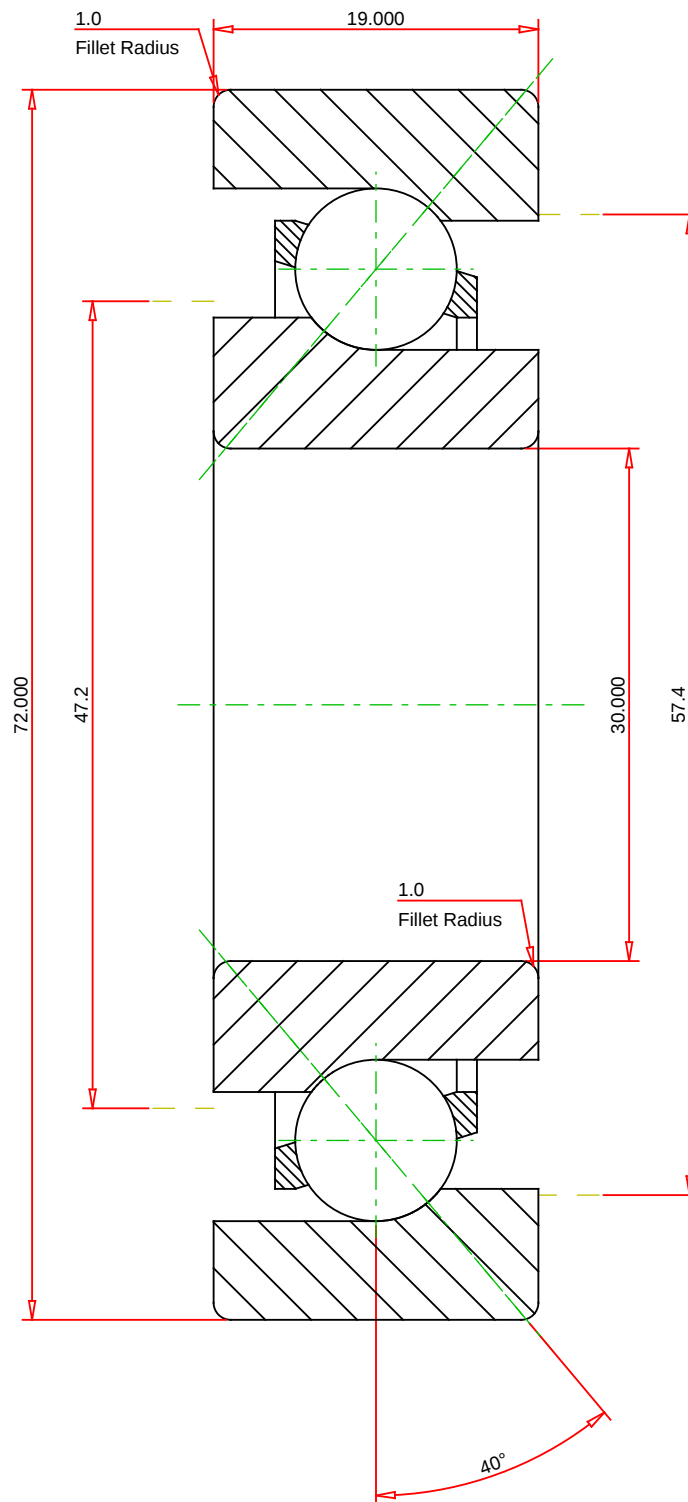
Design Units

Metric

Manufacturing Part Number

7306WN SU C1

Abutment and Fillet Dimensions**R - Inner Ring "To Clear" Radius²**1 mm
0.039 in**r - Outer Ring "To Clear" Radius³**1 mm
0.039 in**da - Inner Ring Backing Diameter**47.240 mm
1.860 in**Da - Outer Ring Backing
Diameter**57.400 mm
2.2600 in¹ 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

13
0.363 kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

7306WN SU

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

Dynamic Radial Rating
Static Radial Rating

34600 N
20800 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