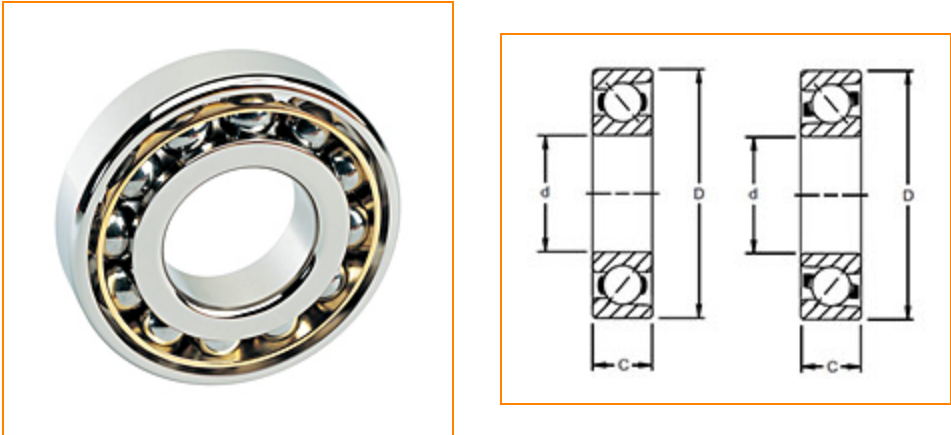




The Timken Company
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Part Number 7202W SU, Fafnir® Single Row Angular Contact Ball Bearings (7200, 7300, 7400)

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	15 mm
D - Outer Diameter	35 mm 1.378 in
Bearing Width	11 mm 0.4331 in
Contact Angle	20 °

Basic Load Ratings	
 C₀ - Static Radial Rating	4700 N 1060 lbf

Ce - Dynamic Radial Rating¹10300 N
2320 lbf**Specifications****Ball Type**

STEEL

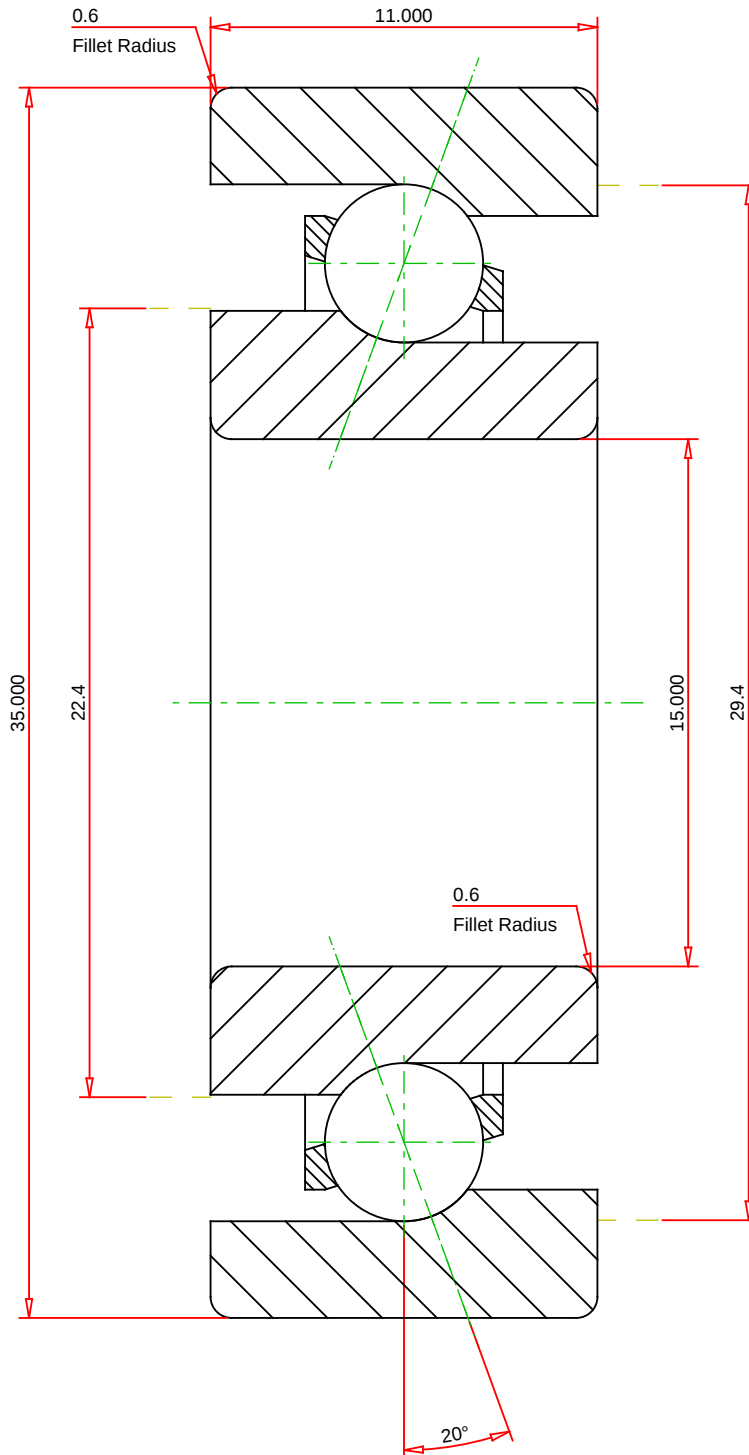
Cage Type

Nylon Cage

Design Units

Metric

Abutment and Fillet Dimensions**R - Inner Ring "To Clear" Radius²**0.6 mm
0.024 in**r - Outer Ring "To Clear" Radius³**0.6 mm
0.024 in**da - Inner Ring Backing Diameter**22.440 mm
0.8836 in**Da - Outer Ring Backing
Diameter**29.440 mm
1.159 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

10
0.045 kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

7202W SU
Fafnir® Single Row Angular Contact Ball Bearings
(7200, 7300, 7400)

Dynamic Radial Rating 10300 N
Static Radial Rating 4700 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