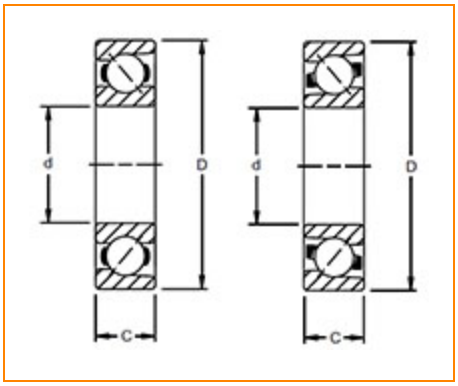
The Timken Company
4500 Mt Pleasant St. NW
N. Canton, OH 44720
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E-Mail: CustomerCAD@timken.com • **Web site:** www.timken.com

Part Number 7202W DU, 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	15.00 mm 0.5906 in
D - Outer Diameter	35.00 mm 1.3780 in
Bearing Width	11.00 mm 0.4331 in
Contact Angle	20 °

Basic Load Ratings

C0 - Static Radial Rating	4700 N 1060 lbf

Ce - Dynamic Radial Rating[1]	10300 N 2320 lbf

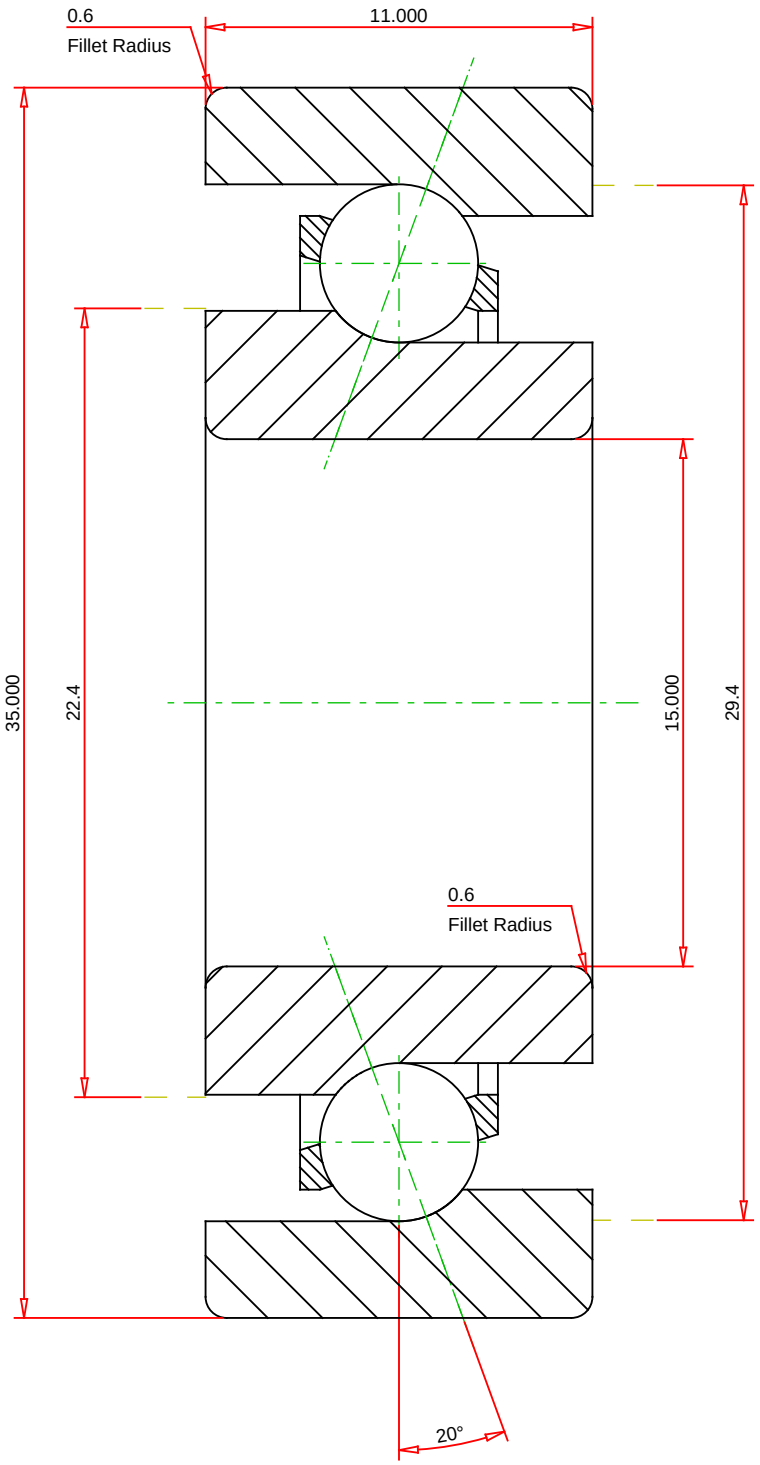
Specifications

Ball Type	STEEL
Cage Type	Nylon Cage
Bearing Weight	0.045 Kg 0.1 lb
Design Units	METRIC

Abutment and Fillet Dimensions

R - Inner Ring "To Clear" Radius[2]	0.60 mm 0.024 in
r - Outer Ring "To Clear" Radius[3]	0.60 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 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	0.045	kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

7202W DU

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