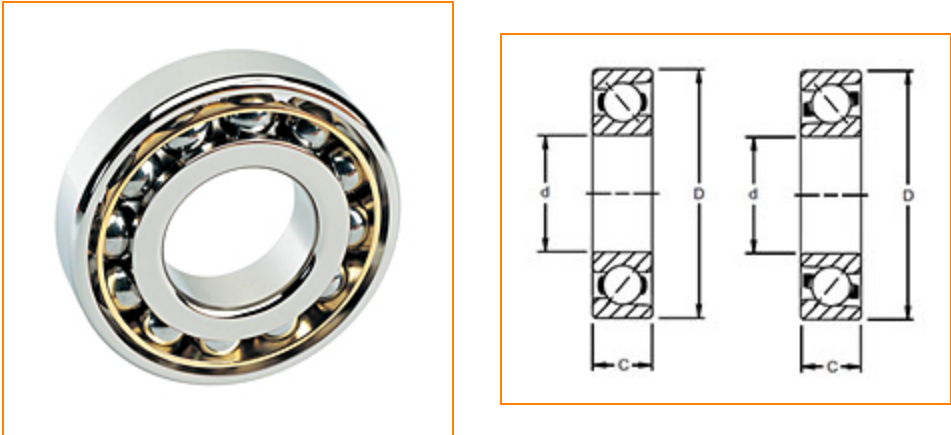




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Part Number 7210WN SU, **Fafnir®** Single Row Angular Contact Ball Bearings (7200, 7300, 7400)

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](#) | [Factors](#) | [Specifications](#) | [Abutment and Fillet Dimensions](#)

Dimensions

d - Bore	50 mm
D - Outer Diameter	90 mm 3.5433 in
Bearing Width	20 mm 0.7874 in
Contact Angle	40 °

Basic Load Ratings

 C ₀ - Static Radial Rating	28400 N 6400 lbf
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Ce - Dynamic Radial Rating¹42500 N
9500 lbf**Factors****Limiting Speed (Grease)**

4300 rpm

Limiting Speed (Oil)

5720 rpm

Specifications**Ball Type**

STEEL

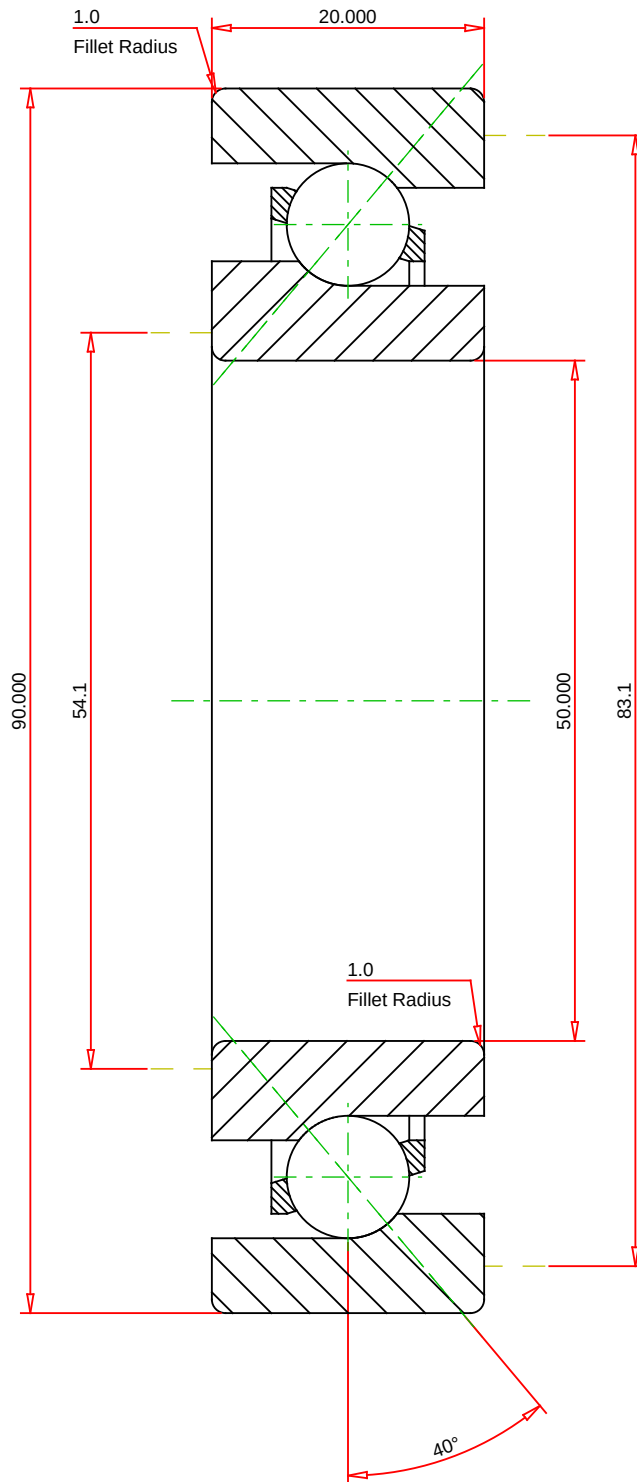
Cage Type

Ball Piloted, Pressed Brass Cage

Design Units

Metric

Abutment and Fillet Dimensions**R - Inner Ring "To Clear" Radius²**1 mm
0.043 in**r - Outer Ring "To Clear" Radius³**1 mm
0.043 in**da - Inner Ring Backing Diameter**54.10 mm
2.1300 in**Da - Outer Ring Backing Diameter**83.10 mm
3.2700 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	15 0.508 kg	TIMKEN®		7210WN SU Fafnir® Single Row Angular Contact Ball Bearings (7200, 7300, 7400)	
		THE TIMKEN COMPANY NORTH CANTON, OHIO USA		Dynamic Radial Rating	42500 N
				Static Radial Rating	28400 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