


The Timken Company

4500 Mt Pleasant St. NW

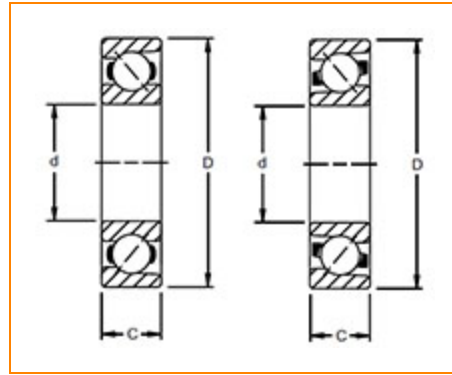
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Part Number 7206WN, Fafnir® Single Row Angular Contact Ball Bearings (7200, 7300, 7400)

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	62 mm 2.4409 in
Bearing Width	16 mm 0.6299 in
Contact Angle	40 °

Basic Load Ratings

 C₀ - Static Radial Rating	13500 N 3050 lbf
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Ce - Dynamic Radial Rating¹	23000 N 5200 lbf
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Specifications

Ball Type	STEEL
Cage Type	Ball Piloted, Pressed Brass Cage
Design Units	Metric

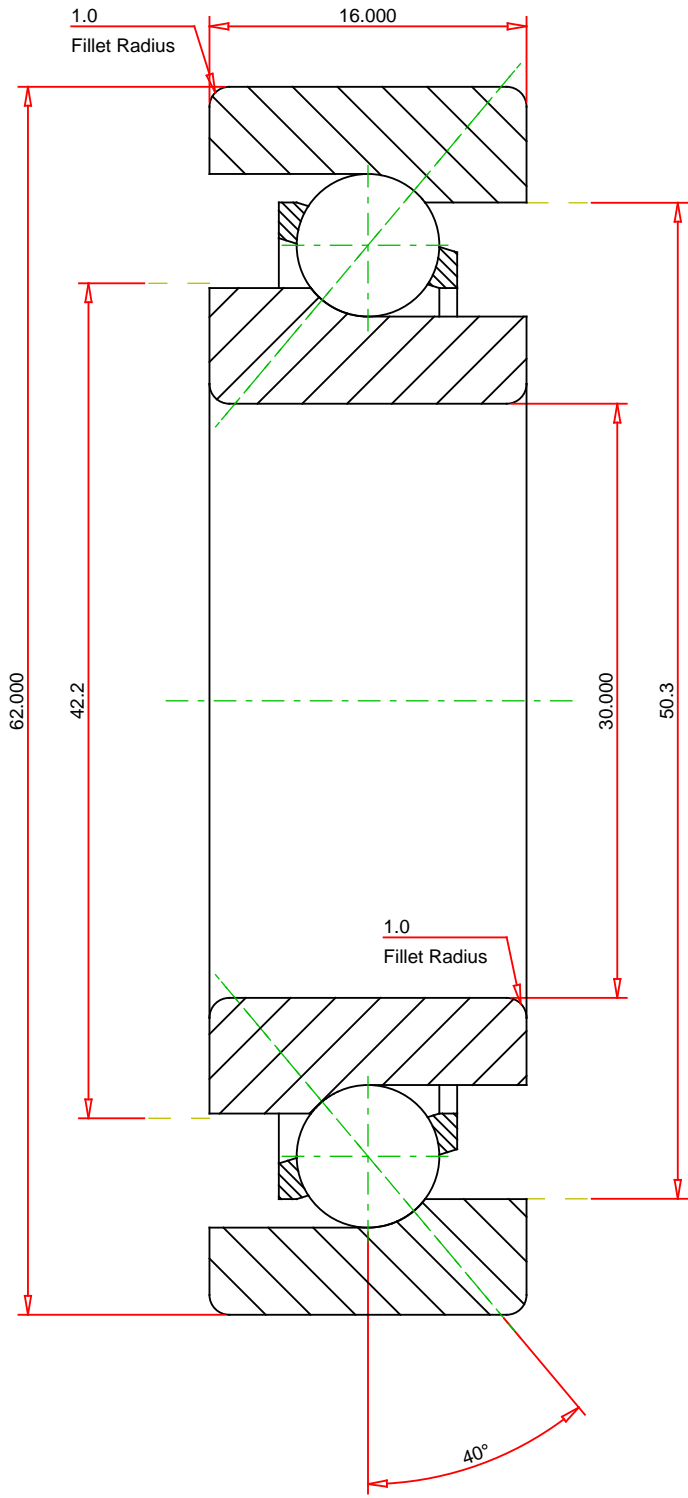
Abutment and Fillet Dimensions

R - Inner Ring "To Clear" Radius²	1 mm 0.039 in
r - Outer Ring "To Clear" Radius³	1 mm 0.039 in
da - Inner Ring Backing Diameter	42.160 mm 1.660 in
Da - Outer Ring Backing Diameter	50.290 mm 1.980 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	13
Bearing Weight	0.209 kg

TIMKEN®

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NORTH CANTON, OHIO USA

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(7200, 7300, 7400)

Dynamic Radial Rating	23000	N
Static Radial Rating	13500	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