The Timken Company
4500 Mt Pleasant St. NW
N. Canton, OH 44720
Phone: (234) 262-3000
E-Mail: CustomerCAD@timken.com • **Web site:** www.timken.com

Timken 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	30.000 mm 1.1811 in
D - Outer Diameter	62.000 mm 2.4409 in
Bearing Width	16.000 mm 0.6299 in
Contact Angle	40 °
do - Ball Diameter	9.52500 mm 0.37500 in

Basic Load Ratings

C0 - Static Radial Rating	13500 N 3050 lbf
Ce - Dynamic Radial Rating[1]	23000 N 5200 lbf

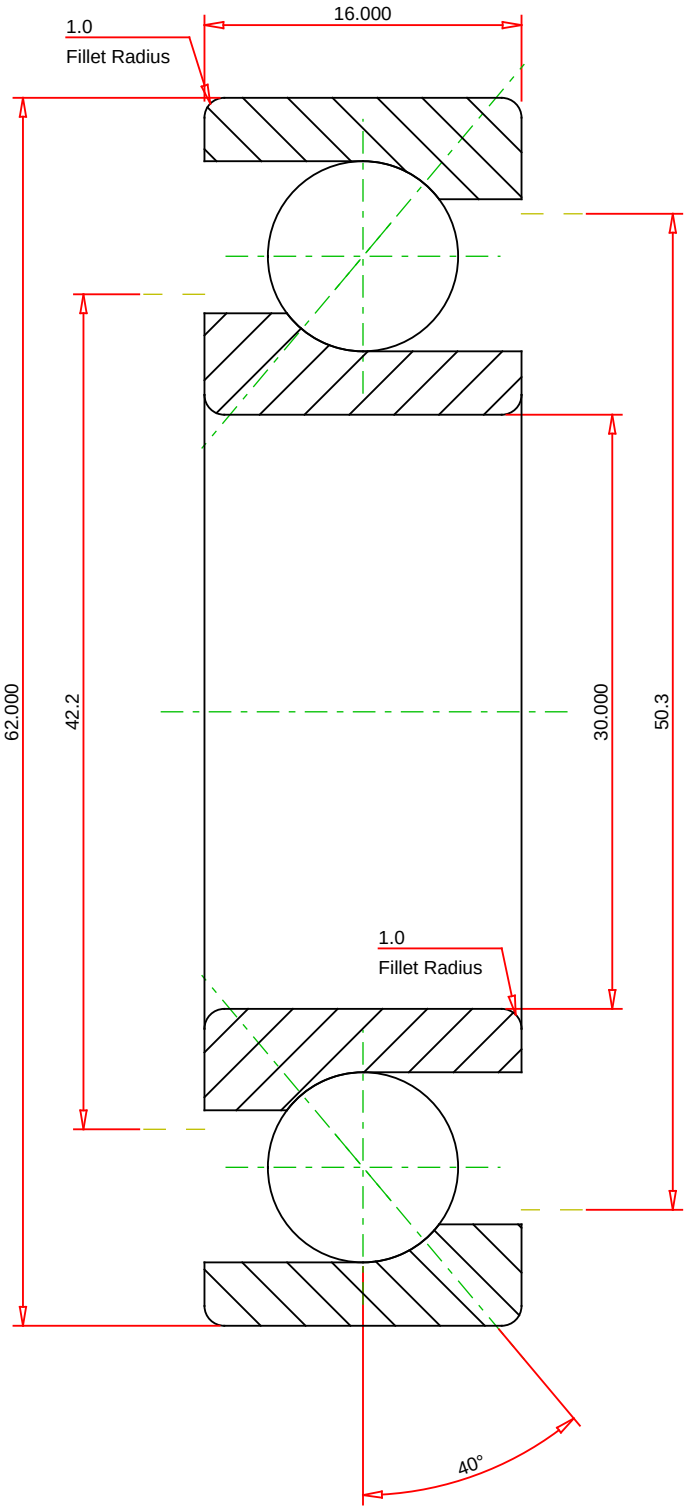
Specifications

Ball Type	Steel
Cage Type	Ball Piloted, Pressed Brass Cage
Bearing Weight	0.209 Kg 0.46 lb
Design Units	METRIC

Abutment and Fillet Dimensions

R - Inner Ring "To Clear" Radius[2]	1.000 mm 0.039 in
r - Outer Ring "To Clear" Radius[3]	1.000 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®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

7206WN

Fafnir® Single Row Angular Contact Ball Bearings
(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