

**TIMKEN****The Timken Company**

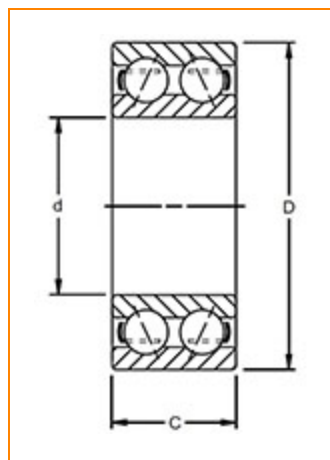
4500 Mt Pleasant St. NW

N. Canton, OH 44720

Phone: (234) 262-3000

E-Mail: [CustomerCAD@timken.com](mailto:CustomerCAD@timken.com) • Web site: [www.timken.com](http://www.timken.com)

Part Number 3307 ATN1/C3, Timken® Double Row Angular Contact Ball Bearings (3200, 3300)



[Dimensions](#) | [Specifications](#) | [Basic Load Ratings](#) | [Abutment and Fillet Dimensions](#)

## Dimensions

d - Bore	35.00 mm
D - Outer Diameter	80.00 mm
C - Ring Width	34.9 mm
Contact Angle	30 °
do - Ball Diameter	13.494 mm

## Specifications

Features	Open
Ball Type	STEEL
Cage Type	Molded

Cage Material	Nylon
Bearing Weight	0.75 Kg
Design Units	METRIC

### Basic Load Ratings

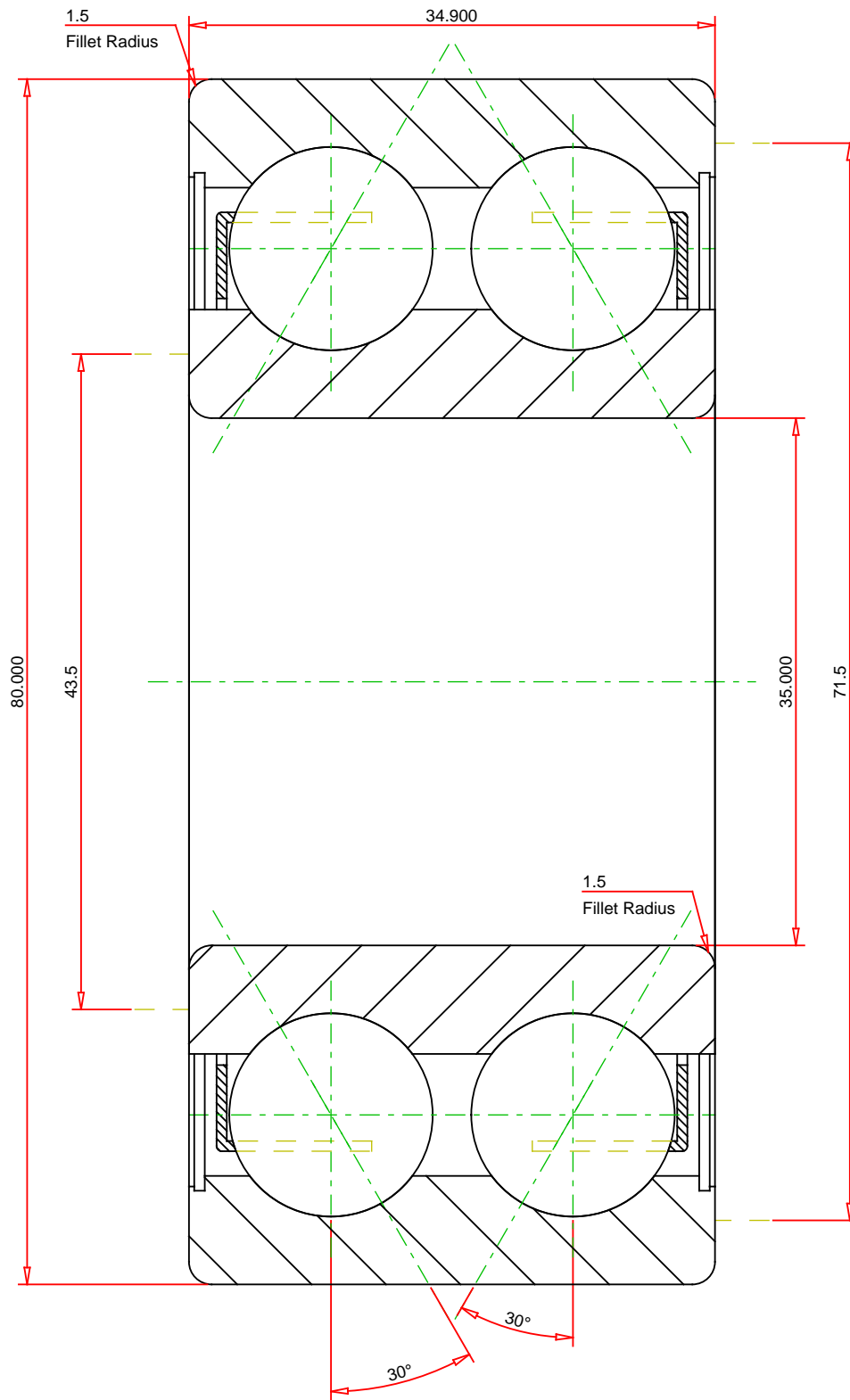
C0 - Static Radial Rating	35300 N
C1 ISO - Dynamic Radial Rating	49500 N

### Abutment and Fillet Dimensions

R - Inner Ring "To Clear" Radius <sup>1</sup>	1.50 mm
r - Outer Ring "To Clear" Radius <sup>2</sup>	1.50 mm
da - Inner Ring Backing Diameter	43.5 mm
Da - Outer Ring Backing Diameter	71.5 mm

<sup>1</sup> Maximum housing fillet radius that bearing corners will clear.

<sup>2</sup> Maximum shaft fillet radius that bearing corners will clear.



**METRIC UNITS**

Number of Balls Per Row 16  
 Bearing Weight 0.750 kg

**TIMKEN**®

**3307 ATN1/C3**  
 Timken® Double Row Angular Contact Ball Bearings  
 (3200, 3300)

**THE TIMKEN COMPANY**  
 NORTH CANTON, OHIO USA

Dynamic Load Rating 49500 N  
 Static Load Rating 35300 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**