



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

Part Number 6003-2RZ-C3, Deep Groove Ball Bearings (6000, 6200, 6300, 6400)

Timken's deep groove ball bearings deliver reliable performance in a wide range of applications and conditions. With super-finished raceways and controlled geometries, our premium design helps ensure consistent quality.



[Specifications](#) | [Dimensions](#) | [Basic Load Ratings](#) | [Factors](#)

Specifications

Clearance	C3
Bore Size d	17.000 mm
Features	Non-Contact Seals
Bearing Type	Standard DGBB
Weight	0.040 Kg

Dimensions

Outside Diameter D	35.000 mm
Outside Ring Width B	10.000 mm



Radius Rs min	0.300 mm
----------------------	----------

Basic Load Ratings

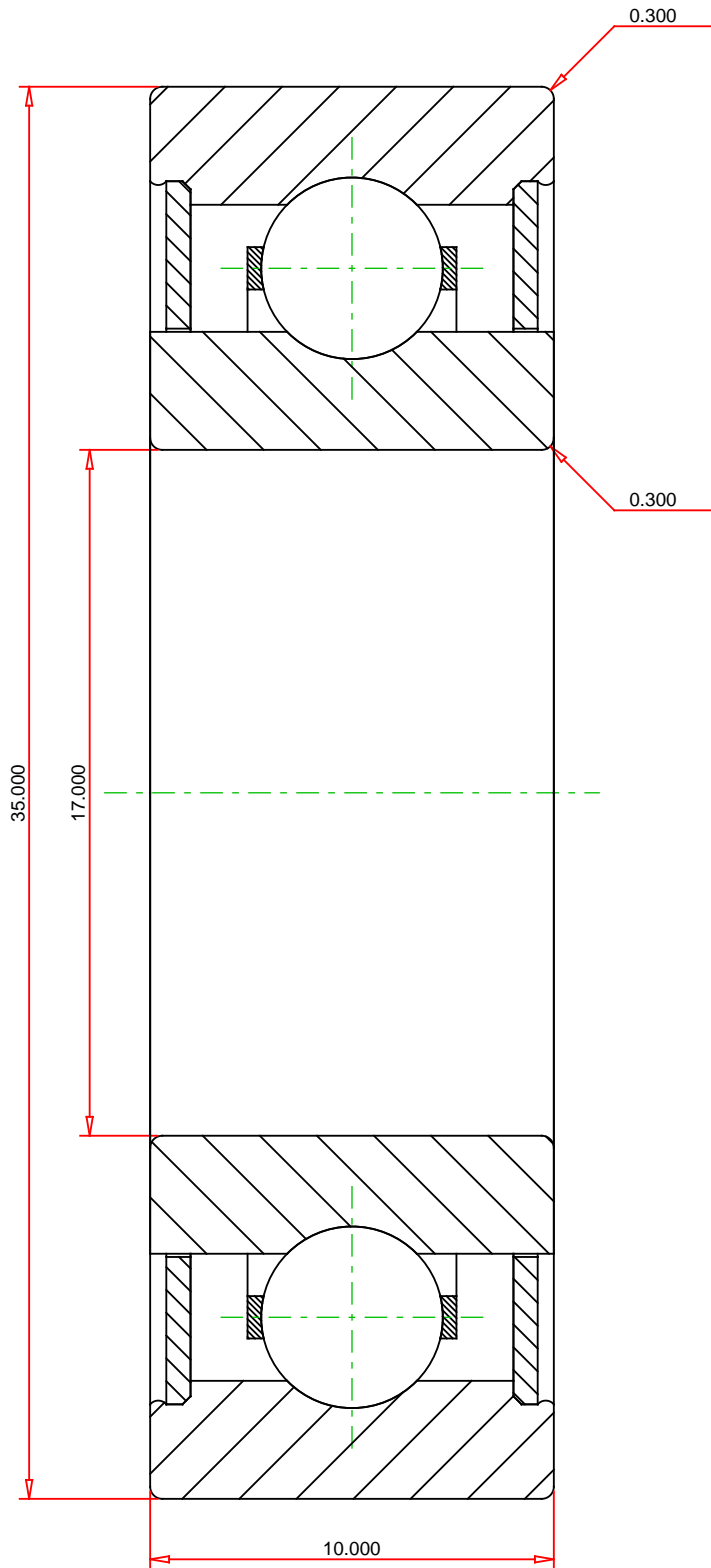
Cr - Dynamic Load Rating	6 kN
---------------------------------	------

C0r - Static Load Rating	3.3 kN
---------------------------------	--------

Factors

Grease Reference Speed	19000 rpm
-------------------------------	-----------

Oil Reference Speed	28000 rpm
----------------------------	-----------



METRIC UNITS

Weight 0.02 kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

6003-2RZ-C3
Deep Groove Ball Bearings (6000, 6200, 6300, 6400)

Dynamic Load Rating 4600 N
Static Load Rating 2000 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