



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-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	Open
Bearing Type	Standard DGBB
Weight	0.040 Kg
Manufacturing Part Number	6003C3

Dimensions



Outside Diameter D

35.000 mm

Outside Ring Width B	10.000 mm
-----------------------------	-----------

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

Basic Load Ratings

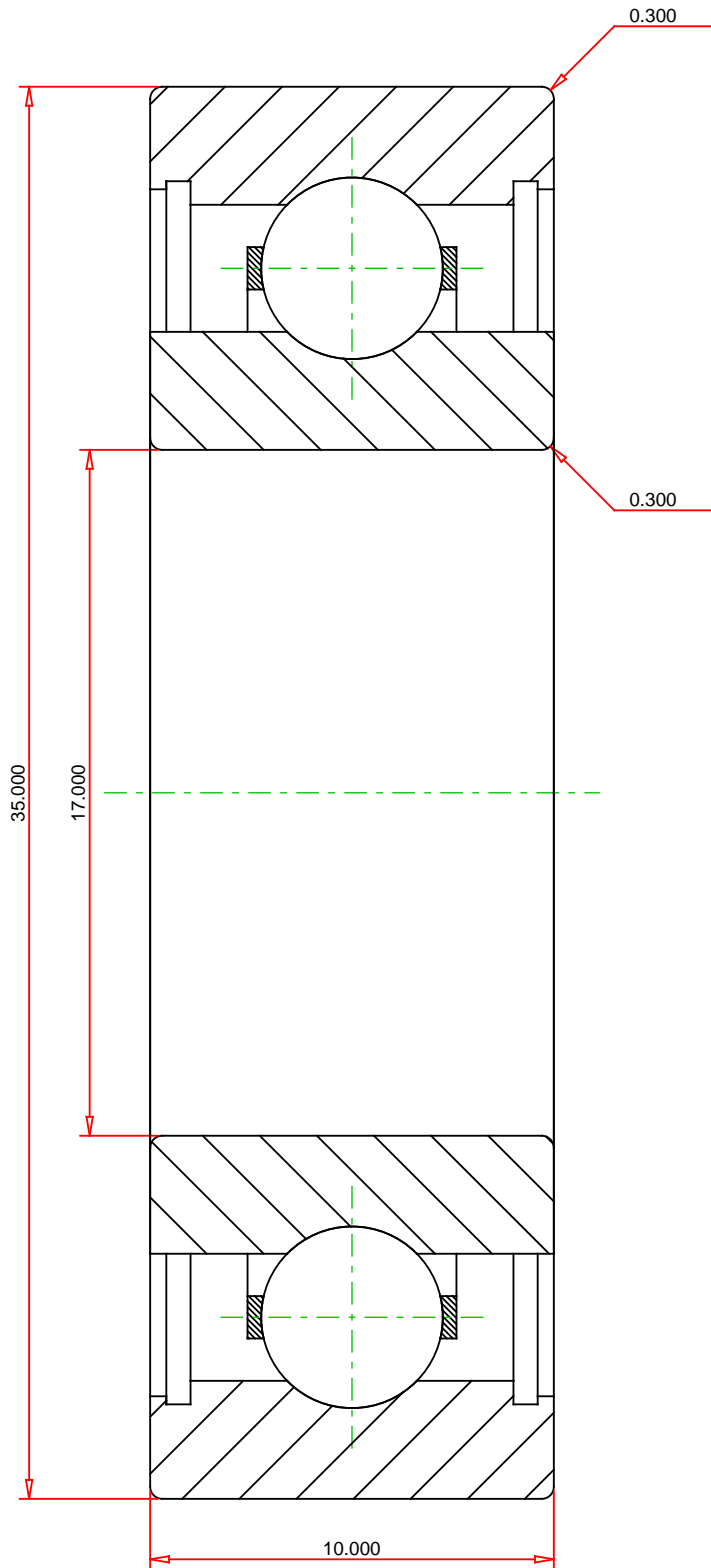
Cr - Dynamic Load Rating	6 kN
---------------------------------	------

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

Factors

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

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



METRIC UNITS

Weight 0.04 kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

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

Dynamic Load Rating 6000 N
Static Load Rating 3300 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