



**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 6009-2RZ-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	45.000 mm
Features	Non-Contact Seals
Bearing Type	Standard DGBB
Weight	0.230 Kg

### Dimensions

Outside Diameter D	75.000 mm
Outside Ring Width B	16.000 mm



Radius Rs min	1.000 mm
---------------	----------

## Basic Load Ratings

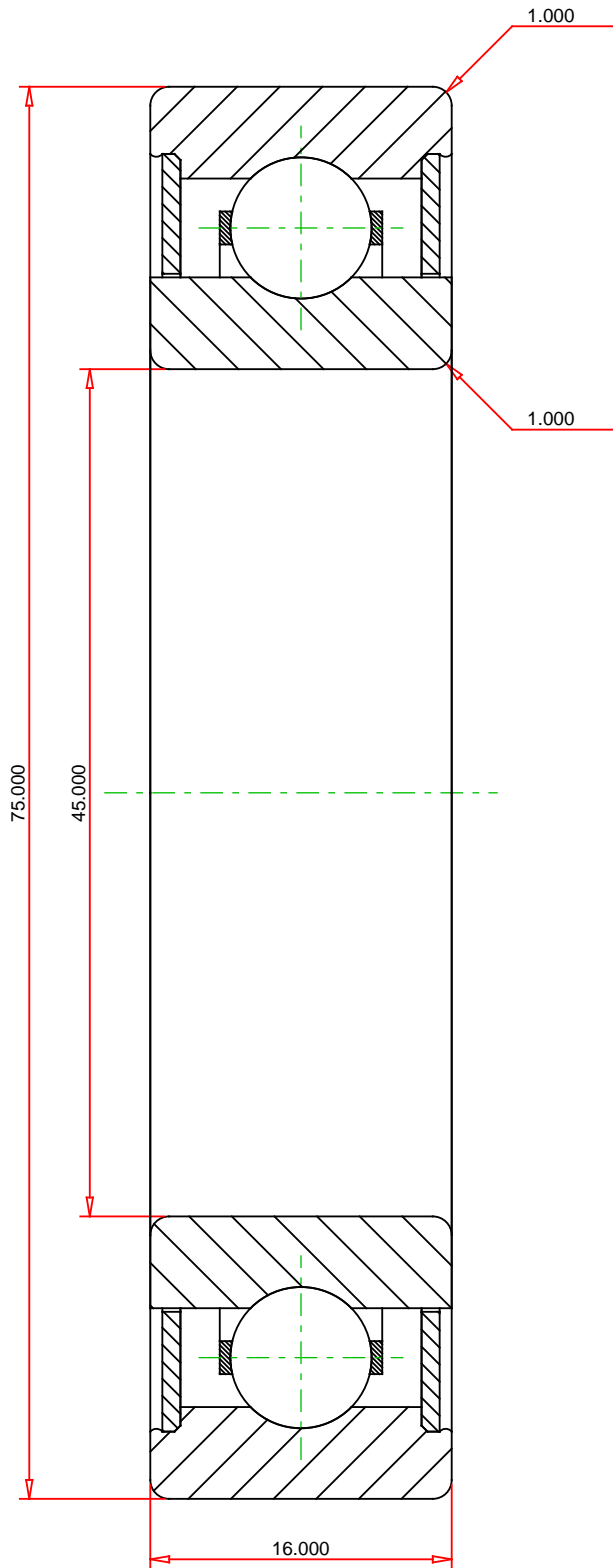
Cr - Dynamic Load Rating	19.9 kN
--------------------------	---------

C0r - Static Load Rating	14 kN
--------------------------	-------

## Factors

Grease Reference Speed	9200 rpm
------------------------	----------

Oil Reference Speed	13000 rpm
---------------------	-----------



METRIC UNITS

Weight 0.02 kg

**TIMKEN**®

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

**6009-2RZ-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**