



**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 6005-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	25.000 mm
Features	Open
Bearing Type	Standard DGBB
Weight	0.080 Kg
Manufacturing Part Number	6005C3

### Dimensions



Outside Diameter D 47.000 mm

Outside Ring Width B	12.000 mm
----------------------	-----------

Radius Rs min	0.600 mm
---------------	----------

## Basic Load Ratings

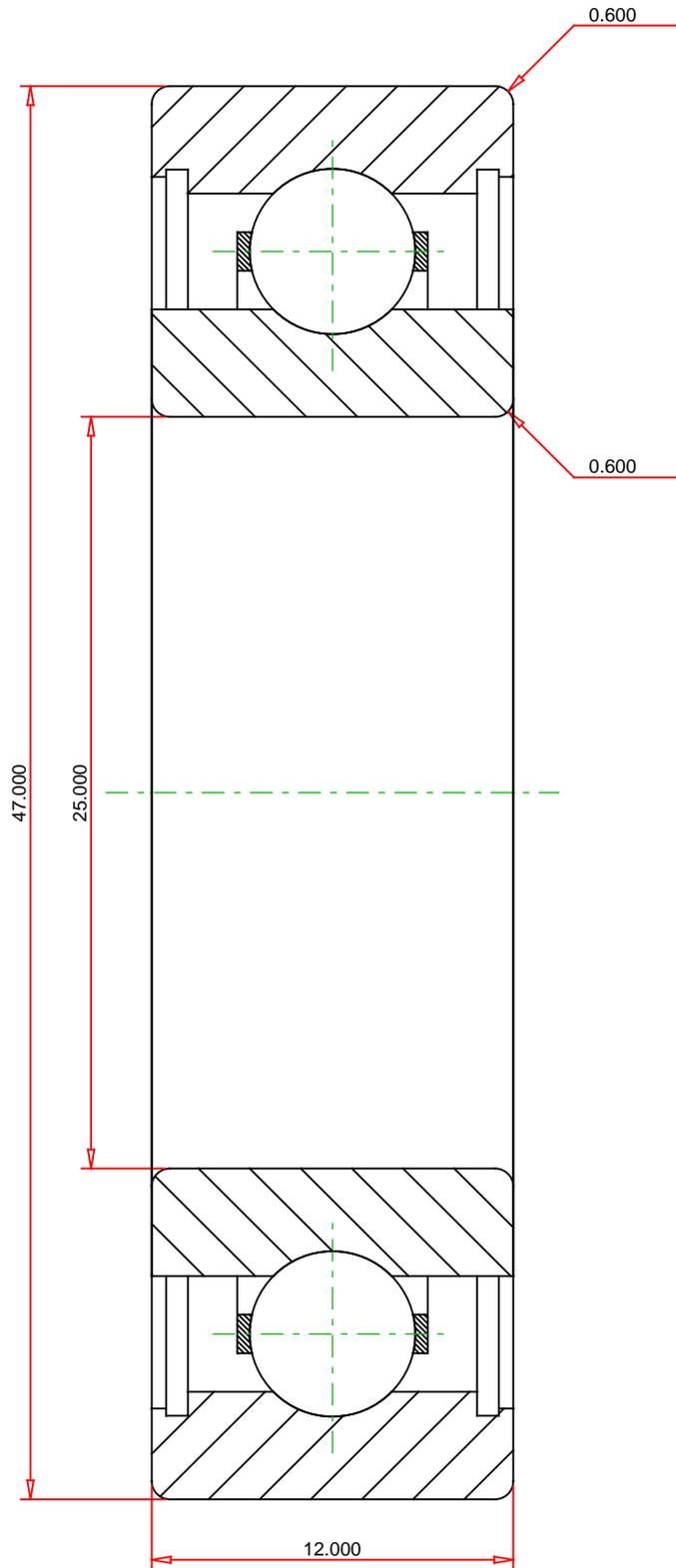
Cr - Dynamic Load Rating	10.1 kN
--------------------------	---------

C0r - Static Load Rating	5.8 kN
--------------------------	--------

## Factors

Grease Reference Speed	14000 rpm
------------------------	-----------

Oil Reference Speed	21000 rpm
---------------------	-----------



METRIC UNITS

Weight 0.08 kg

**TIMKEN**®

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

**6005-C3**  
Deep Groove Ball Bearings (6000, 6200, 6300, 6400)

Dynamic Load Rating	10100	N
Static Load Rating	5800	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**