



**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 6224-ZZ-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	120.000 mm
Features	Shields
Bearing Type	Standard DGBB
Weight	5.16 Kg
Manufacturing Part Number	6224-ZZC3

### Dimensions



Outside Diameter D

215.000 mm

Outside Ring Width B	40.000 mm
----------------------	-----------

Radius Rs min	2.100 mm
---------------	----------

## Basic Load Ratings

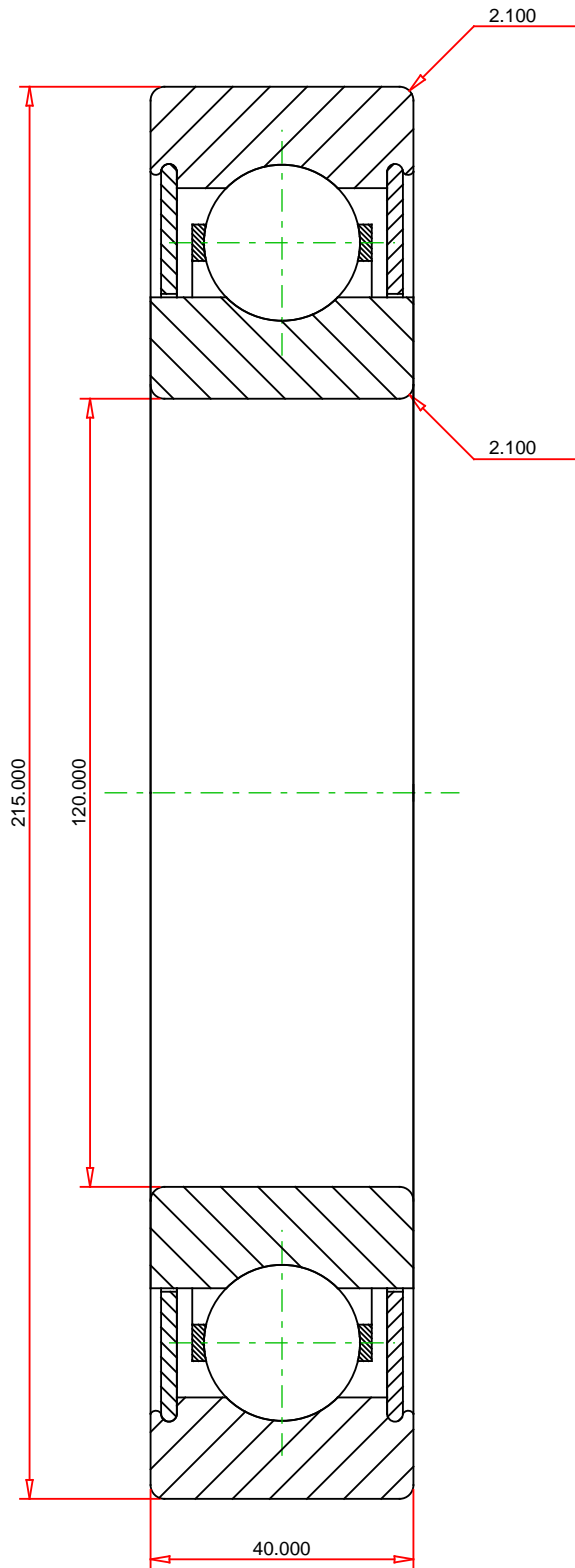
Cr - Dynamic Load Rating	155.3 kN
--------------------------	----------

C0r - Static Load Rating	131.1 kN
--------------------------	----------

## Factors

Grease Reference Speed	4000 rpm
------------------------	----------

Oil Reference Speed	5700 rpm
---------------------	----------



METRIC UNITS

Weight 5.16 kg

**TIMKEN**®

**6224-ZZ-C3**  
 Deep Groove Ball Bearings (6000, 6200, 6300, 6400)

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

Dynamic Load Rating 155300 N  
 Static Load Rating 131100 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**