



**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 6216-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               | 80.000 mm     |
| Features                  | Shields       |
| Bearing Type              | Standard DGBB |
| Weight                    | 1.4 Kg        |
| Manufacturing Part Number | 6216-ZZC3     |

### Dimensions



Outside Diameter D

140.000 mm

|                      |           |
|----------------------|-----------|
| Outside Ring Width B | 26.000 mm |
|----------------------|-----------|

|               |          |
|---------------|----------|
| Radius Rs min | 2.000 mm |
|---------------|----------|

## Basic Load Ratings

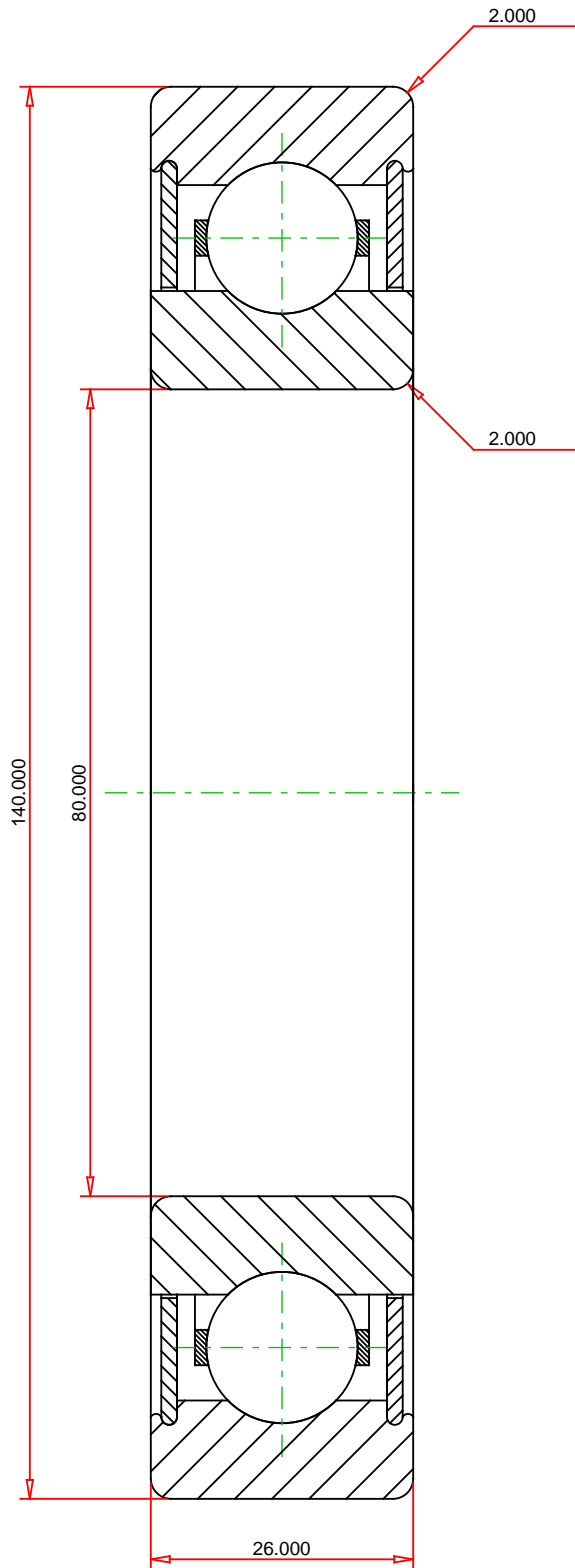
|                          |         |
|--------------------------|---------|
| Cr - Dynamic Load Rating | 72.7 kN |
|--------------------------|---------|

|                          |       |
|--------------------------|-------|
| C0r - Static Load Rating | 53 kN |
|--------------------------|-------|

## Factors

|                        |          |
|------------------------|----------|
| Grease Reference Speed | 5200 rpm |
|------------------------|----------|

|                     |          |
|---------------------|----------|
| Oil Reference Speed | 7500 rpm |
|---------------------|----------|



METRIC UNITS

Weight 1.4 kg

**TIMKEN**®

**6216-ZZ-C3**  
 Deep Groove Ball Bearings (6000, 6200, 6300, 6400)

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

Dynamic Load Rating 71500 N  
 Static Load Rating 53000 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**