



**The Timken Company**

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## Part Number 6303-2RZ-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	17.000 mm
Features	Non-Contact Seals
Bearing Type	Standard DGBB
Weight	0.120 Kg

### Dimensions

Outside Diameter D	47.000 mm
Outside Ring Width B	14.000 mm



Radius Rs min	1.000 mm
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## Basic Load Ratings

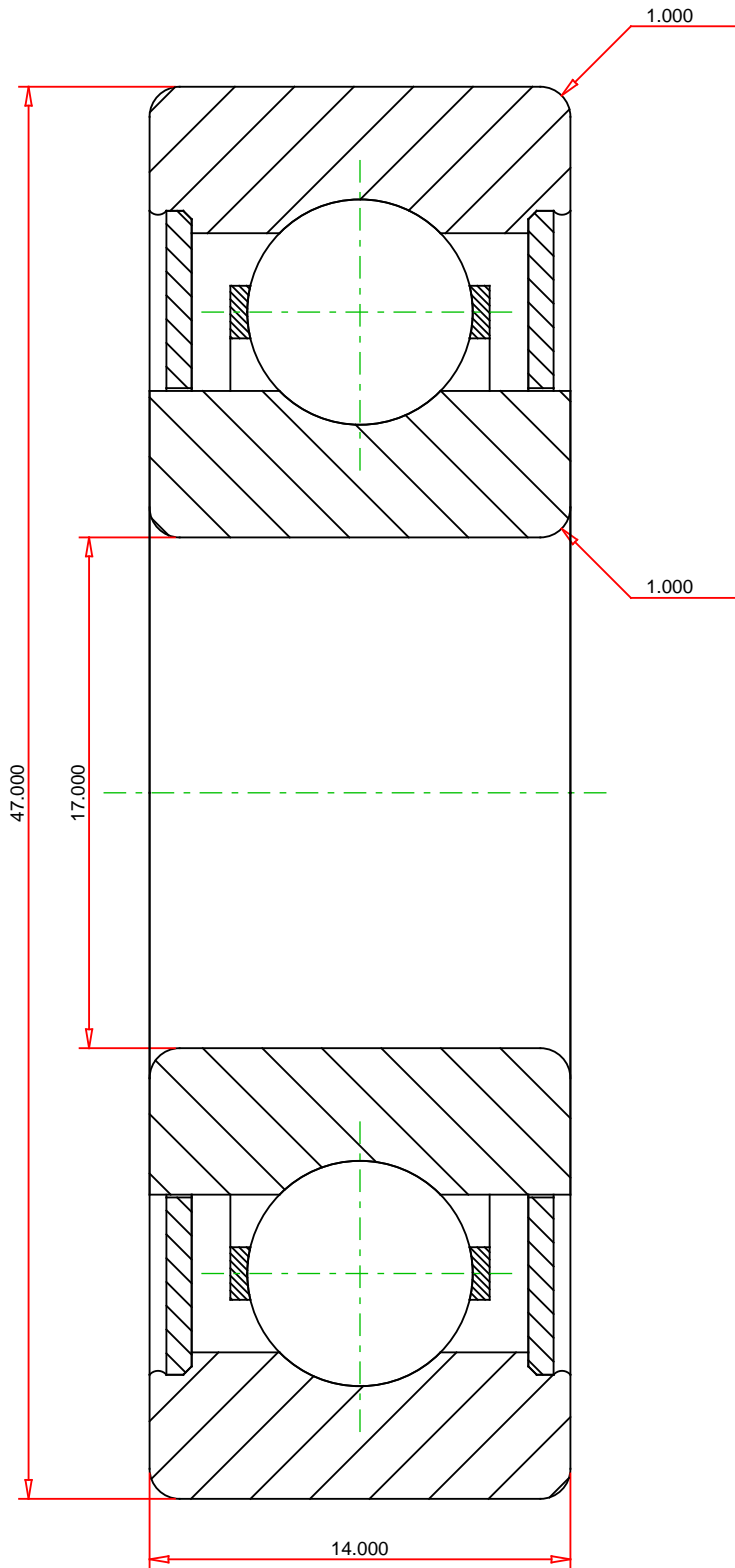
Cr - Dynamic Load Rating	13.6 kN
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C0r - Static Load Rating	6.6 kN
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## Factors

Grease Reference Speed	15000 rpm
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Oil Reference Speed	22000 rpm
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**METRIC UNITS**

Weight 0.02 kg

**TIMKEN**®

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

**6303-2RZ-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**