



**The Timken Company**

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## Part Number 6205-2RS, 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	C0 (Normal)
Bore Size d	25 mm
Features	Contact Seals
Bearing Type	Standard DGBB
Weight	0.13 Kg

### Dimensions

Outside Diameter D	52.000 mm
Outside Ring Width B	15.000 mm

<b>Radius Rs min</b>	1.000 mm
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## Basic Load Ratings

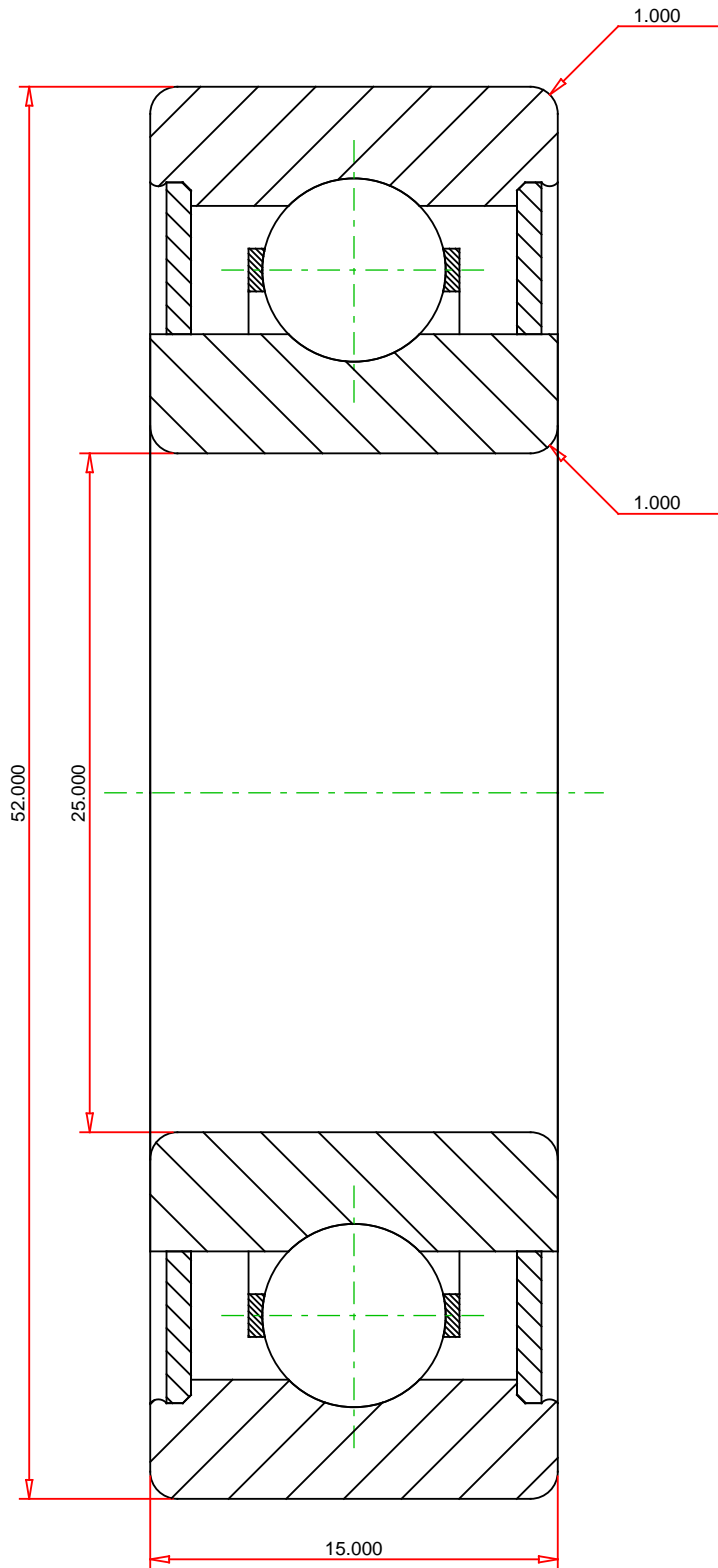
<b>Cr - Dynamic Load Rating</b>	14 kN
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<b>C0r - Static Load Rating</b>	7.9 kN
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## Factors

<b>Grease Reference Speed</b>	14000 rpm
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<b>Oil Reference Speed</b>	20000 rpm
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METRIC UNITS

Weight 0.13 kg

**TIMKEN**<sup>®</sup>

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

**6205-2RS**  
Deep Groove Ball Bearings (6000, 6200, 6300, 6400)

Dynamic Load Rating 14000 N  
Static Load Rating 7900 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**