


**The Timken Company**

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## Part Number 623-ZZ, Miniature Ball Bearings (600, 610, 620, 630)

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

<b>Bore Size d</b>	3 mm
<b>Features</b>	Shields
<b>Bearing Type</b>	Standard DGBB

### Dimensions

<b>Outside Diameter D</b>	10 mm
<b>Outside Ring Width B</b>	4 mm
<b>Radius Rs min</b>	0.15 mm



## Basic Load Ratings

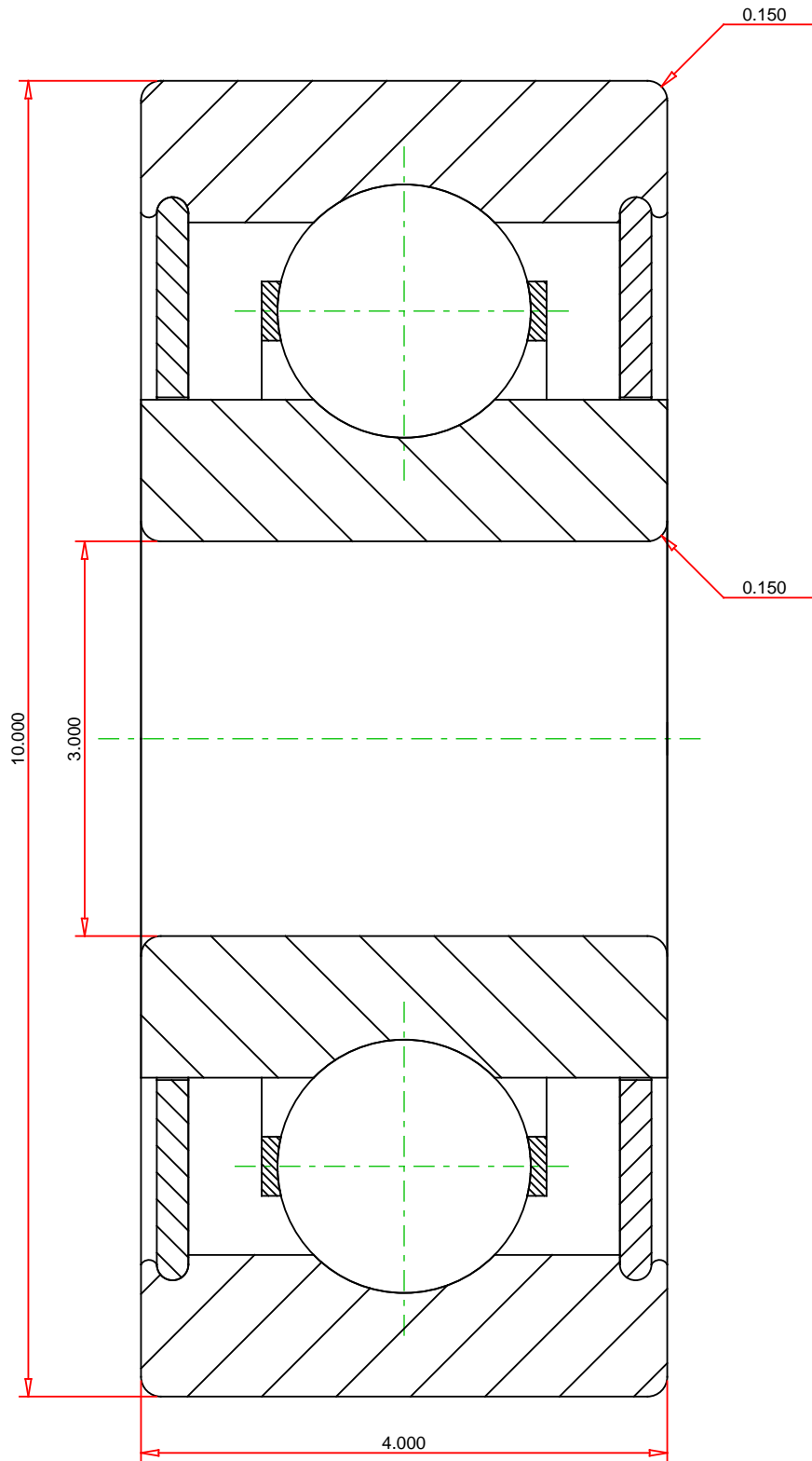
**Cr - Dynamic Load Rating** 630 N

**C0r - Static Load Rating** 220 N

## Factors

**Grease Limiting Speed** 66000 rpm

**Oil Limiting Speed** 78000 rpm



METRIC UNITS

Weight 0.0016 kg

**TIMKEN**<sup>®</sup>

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NORTH CANTON, OHIO USA

**623-ZZ**  
Miniature Ball Bearings (600, 610, 620, 630)

Dynamic Load Rating 630 N  
Static Load Rating 220 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**