


**The Timken Company**

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**Part Number 6209-Z, 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**

<b>Clearance</b>	C0 (Normal)
<b>Bore Size d</b>	45 mm
<b>Features</b>	One Shield
<b>Bearing Type</b>	Standard DGBB

**Dimensions**

<b>Outside Diameter D</b>	85 mm
<b>Outside Ring Width B</b>	19 mm
<b>Radius Rs min</b>	1.1 mm



## Basic Load Ratings

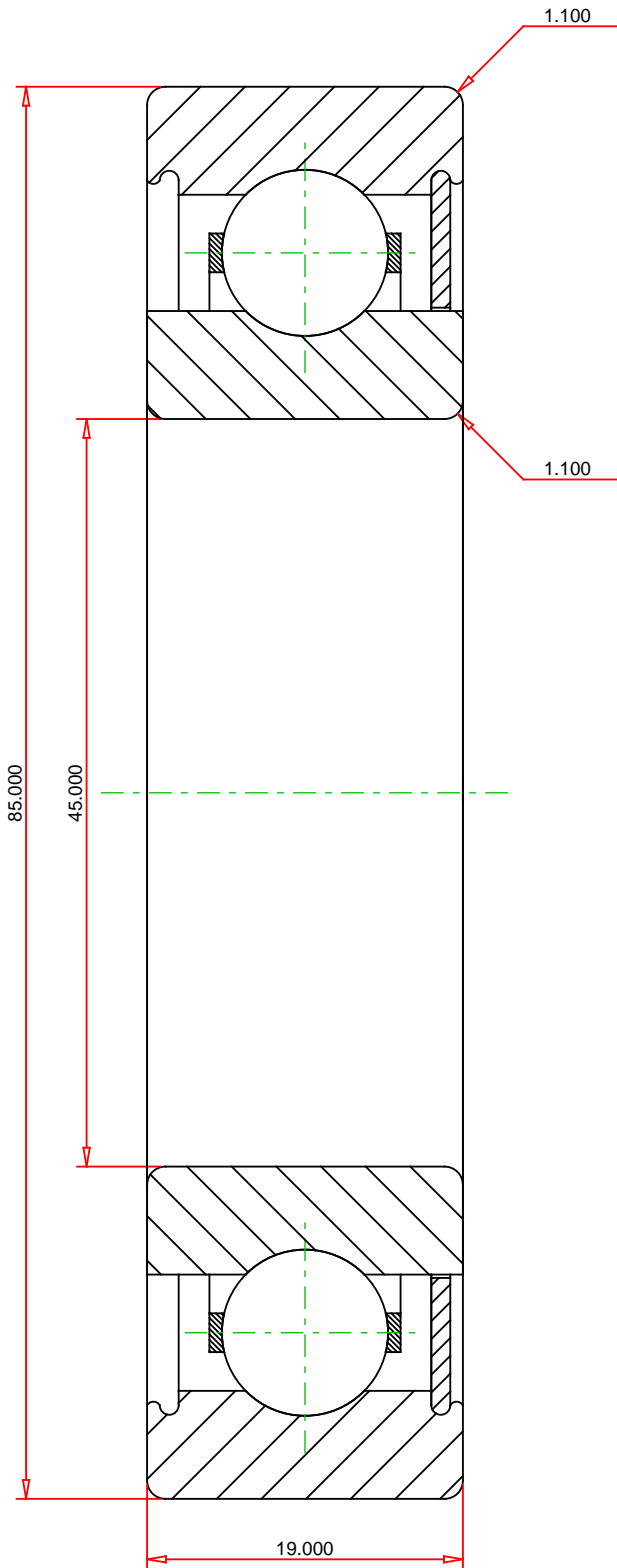
**Cr - Dynamic Load Rating** 31200 N

**C0r - Static Load Rating** 20300 N

## Factors

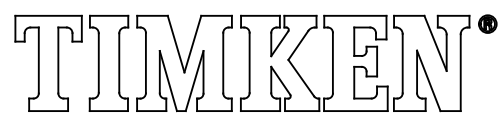
**Grease Reference Speed** 8200 rpm

**Oil Reference Speed** 12000 rpm



METRIC UNITS

Weight 0.42 kg



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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**