


**The Timken Company**

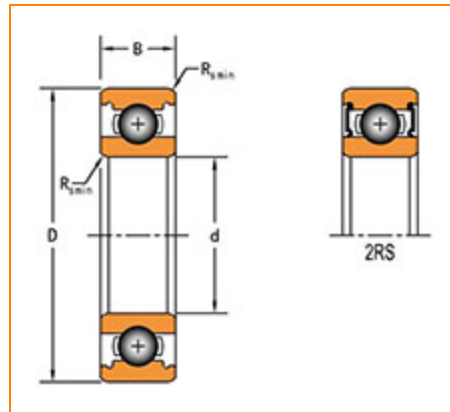
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**E-Mail:** [CustomerCAD@timken.com](mailto:CustomerCAD@timken.com) • **Web site:** [www.timken.com](http://www.timken.com)
**Part Number 61909-2RS, Thin Section Ball Bearings (61800, 61900)**

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>	Contact Seals

**Dimensions**

<b>Outside Diameter D</b>	68 mm
<b>Outside Ring Width B</b>	12 mm
<b>Fillet Radius/Chamfer</b>	0.6 mm



## Basic Load Ratings

**Cr - Dynamic Load Rating** 14100 N

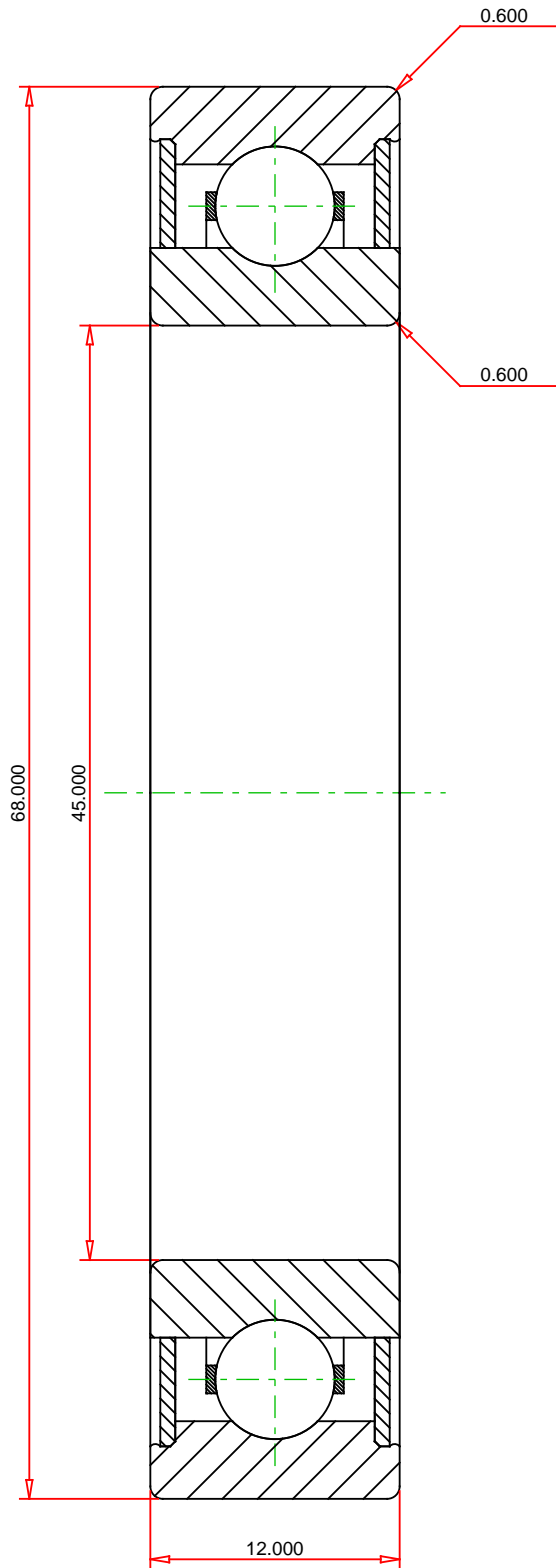
**C0r - Static Load Rating** 10900 N

## Factors

**Grease Reference Speed** 10000 rpm

**Grease Limiting Speed** 10000 rpm

**Oil Reference Speed** 11000 rpm



METRIC UNITS

Weight 0.123 kg

**TIMKEN**<sup>®</sup>

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Thin Section Ball Bearings (61800, 61900)

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NORTH CANTON, OHIO USA

Dynamic Load Rating 14100 N  
Static Load Rating 10900 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**