



**The Timken Company**

4500 Mt Pleasant St. NW

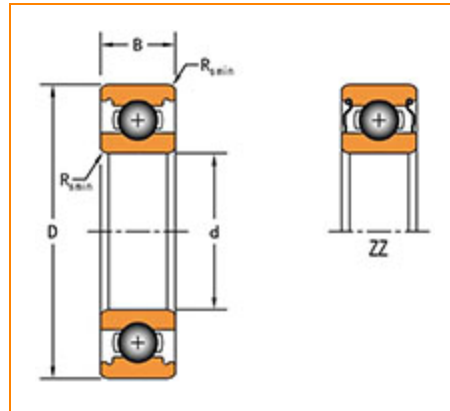
N. Canton, OH 44720

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## Part Number 61806-ZZ, 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>	30 mm
<b>Features</b>	Shields

### Dimensions

<b>Outside Diameter D</b>	42 mm
<b>Outside Ring Width B</b>	7 mm
<b>Fillet Radius/Chamfer</b>	0.3 mm



## Basic Load Ratings

**Cr - Dynamic Load Rating** 4500 N

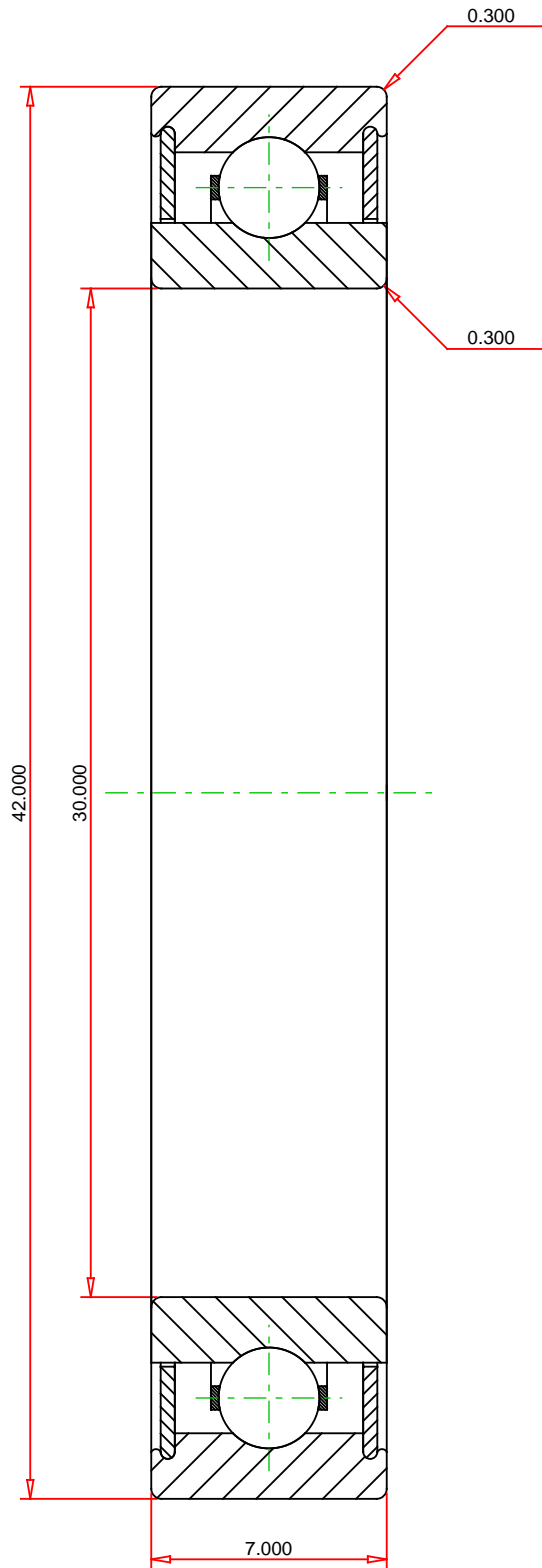
**C0r - Static Load Rating** 3400 N

## Factors

**Grease Reference Speed** 15000 rpm

**Grease Limiting Speed** 15000 rpm

**Oil Reference Speed** 18000 rpm



METRIC UNITS

Weight 0.023 kg

**TIMKEN**®

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NORTH CANTON, OHIO USA

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Thin Section Ball Bearings (61800, 61900)

Dynamic Load Rating 4500 N  
Static Load Rating 3400 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**