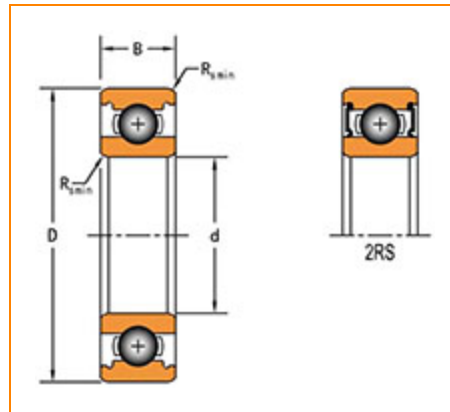




The Timken Company  
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## Part Number 61808-2RS, Thin Section Ball Bearings (61800, 61900)

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.



[Key Dimensions](#) | [Dimensions](#) | [Basic Load Ratings](#) | [Factors](#)

### Key Dimensions

Clearance	C0 (Normal)
Bore Size d	40 mm
Features	Contact Seals

### Dimensions

Outside Diameter D	52 mm
Outside Ring Width B	7 mm
Fillet Radius/Chamfer	0.3 mm



**Basic Load Ratings**

**Cr - Dynamic Load Rating** 4900 N

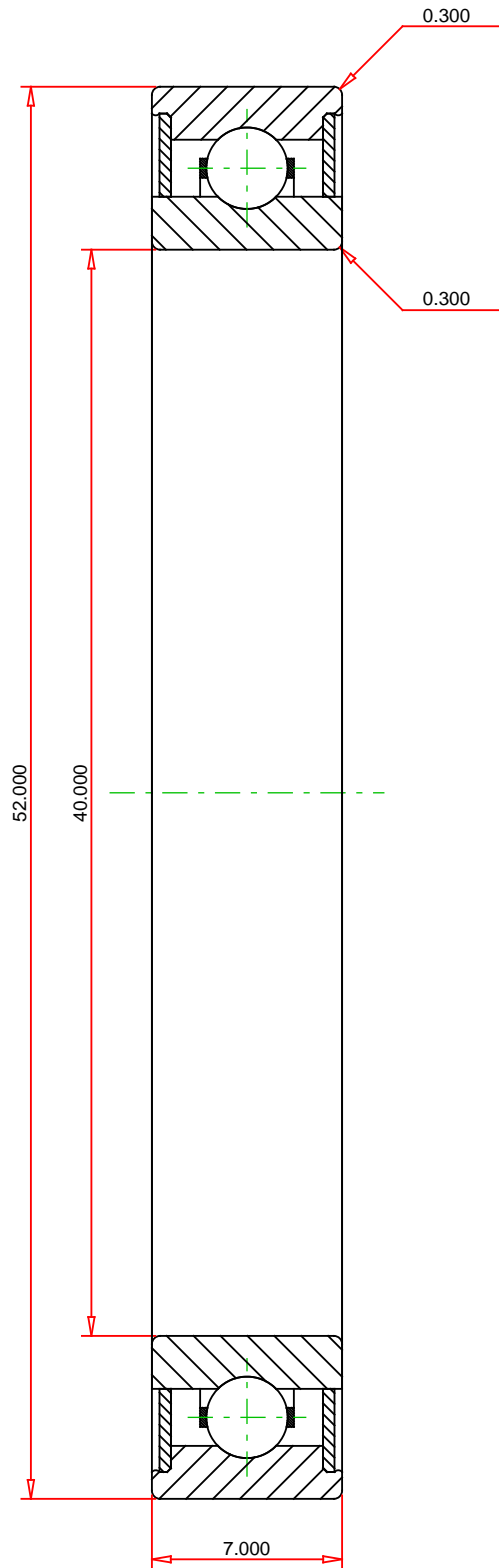
**C0r - Static Load Rating** 4200 N

**Factors**

**Grease Reference Speed** 12000 rpm

**Grease Limiting Speed** 12000 rpm

**Oil Reference Speed** 14000 rpm



METRIC UNITS

Weight 0.029 kg

**TIMKEN**<sup>®</sup>

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

**61808-2RS**  
Thin Section Ball Bearings (61800, 61900)

Dynamic Load Rating 4900 N  
Static Load Rating 4200 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**