



The Timken Company

4500 Mt Pleasant St. NW

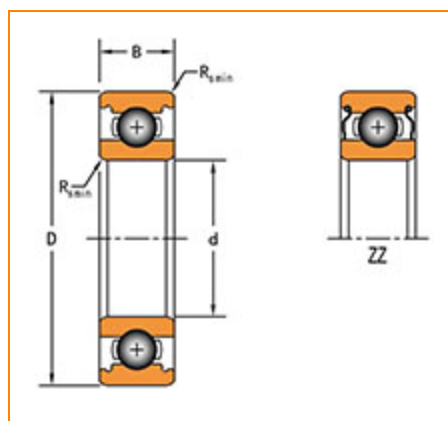
N. Canton, OH 44720

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Part Number 61809-ZZ-C3, Thin Section Ball Bearings (61700, 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

| | |
|-------------|-----------|
| Clearance | C3 |
| Bore Size d | 45.000 mm |
| Features | Shields |
| Weight | 0.034 Kg |

Dimensions

| | |
|----------------------|-----------|
| Outside Diameter D | 58.000 mm |
| Outside Ring Width B | 7.000 mm |
| Radius Rs min | 0.300 mm |

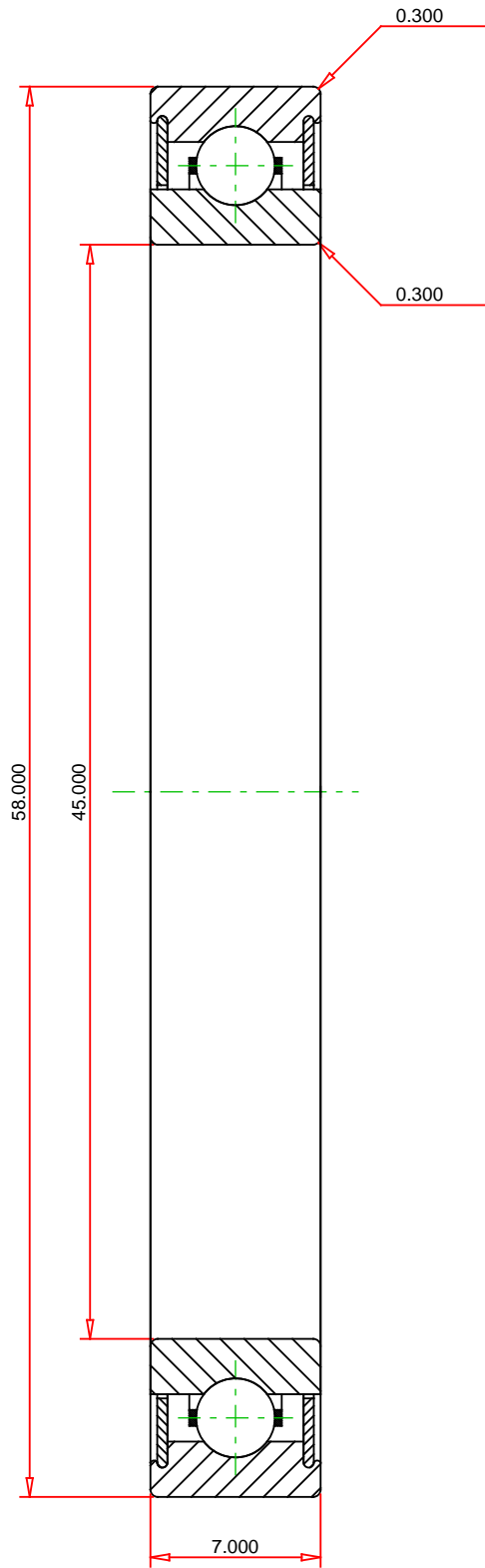


Basic Load Ratings

| | |
|--------------------------|---------|
| Cr - Dynamic Load Rating | 6.2 kN |
| C0r - Static Load Rating | 5.40 kN |

Factors

| | |
|-----------------------|-----------|
| Grease Limiting Speed | 11000 rpm |
| Oil Limiting Speed | 13000 rpm |



METRIC UNITS

| | | | | | | |
|--------|-------|----|----------------------------------------------------------|--|--------------------------------------------------|--------|
| Weight | 0.034 | kg | <div>TIMKEN®</div> | | 61809-ZZ-C3 | |
| | | | <div>THE TIMKEN COMPANY NORTH CANTON, OHIO USA</div> | | Thin Section Ball Bearings (61700, 61800, 61900) | |
| | | | | | Dynamic Load Rating | 6200 N |
| | | | | | Static Load Rating | 5400 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