



**The Timken Company**  
4500 Mt Pleasant St. NW  
N. Canton, OH 44720  
**Phone:** (234) 262-3000  
**E-Mail:** [CustomerCAD@timken.com](mailto:CustomerCAD@timken.com) • **Web site:** [www.timken.com](http://www.timken.com)

Part Number 6306-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 |               |
|----------------|---------------|
| Clearance      | C0 (Normal)   |
| Bore Size d    | 30 mm         |
| Features       | One Shield    |
| Bearing Type   | Standard DGBB |

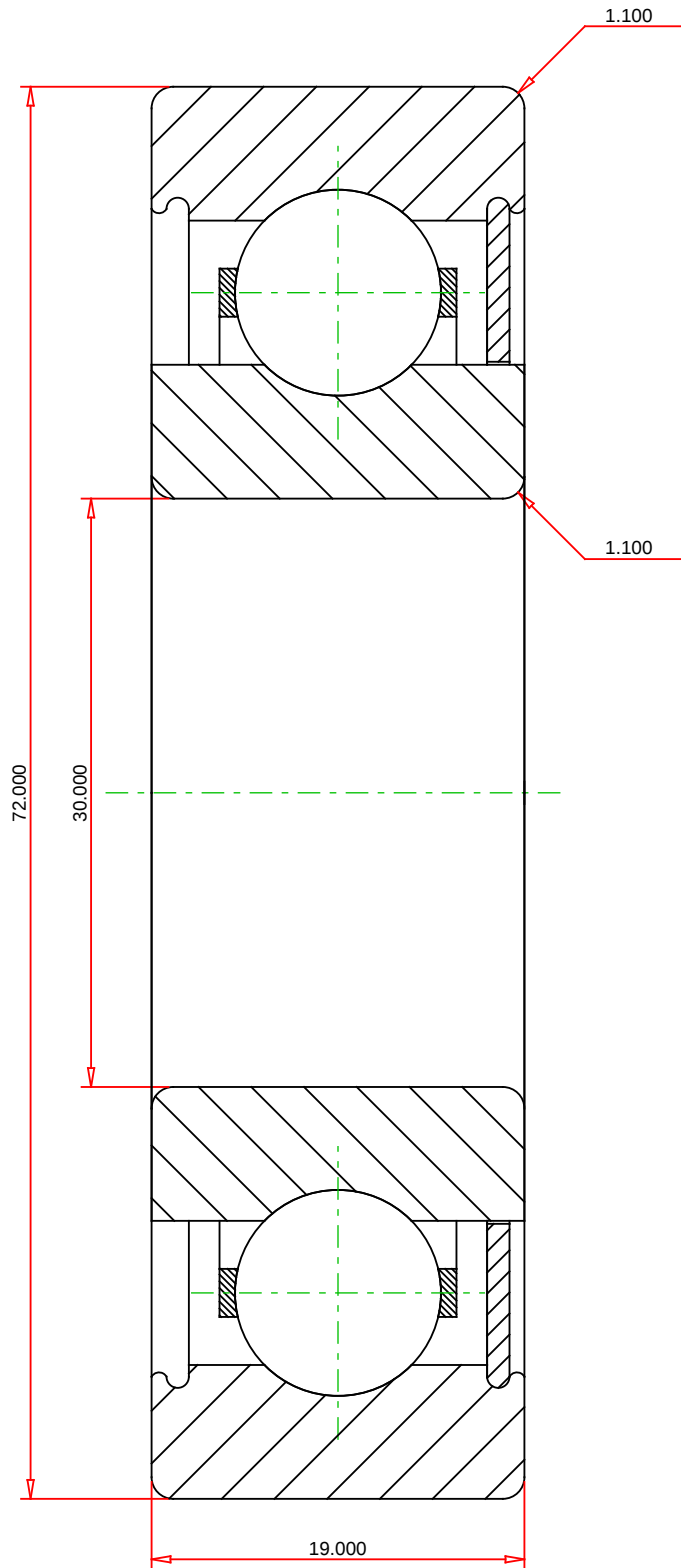
| Dimensions                                                                                       |        |
|--------------------------------------------------------------------------------------------------|--------|
| Outside Diameter D                                                                               | 72 mm  |
| Outside Ring Width B                                                                             | 19 mm  |
|  Radius Rs min | 1.1 mm |

Basic Load Ratings

|                          |         |
|--------------------------|---------|
| Cr - Dynamic Load Rating | 26600 N |
| C0r - Static Load Rating | 14900 N |

Factors

|                        |           |
|------------------------|-----------|
| Grease Reference Speed | 10000 rpm |
| Oil Reference Speed    | 15000 rpm |



## METRIC UNITS

Weight 0.35 kg

**TIMKEN®**

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NORTH CANTON, OHIO USA

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6400)

|                     |       |   |
|---------------------|-------|---|
| Dynamic Load Rating | 26600 | N |
| Static Load Rating  | 14900 | 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**