


**The Timken Company**

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## Part Number 6011-ZZ-NR, 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.



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### Specifications

|                     |                        |
|---------------------|------------------------|
| <b>Clearance</b>    | C0 (Normal)            |
| <b>Bore Size d</b>  | 55 mm                  |
| <b>Features</b>     | Shields With Snap Ring |
| <b>Bearing Type</b> | Standard DGBB          |

### Dimensions

|                             |        |
|-----------------------------|--------|
| <b>Outside Diameter D</b>   | 90 mm  |
| <b>Outside Ring Width B</b> | 18 mm  |
| <b>Radius Rs min</b>        | 1.1 mm |



|                                  |           |
|----------------------------------|-----------|
| <b>Snap Ring Diameter D2 max</b> | 96.500 mm |
|----------------------------------|-----------|

|                              |          |
|------------------------------|----------|
| <b>Snap Ring Width f max</b> | 2.460 mm |
|------------------------------|----------|

## Basic Load Ratings

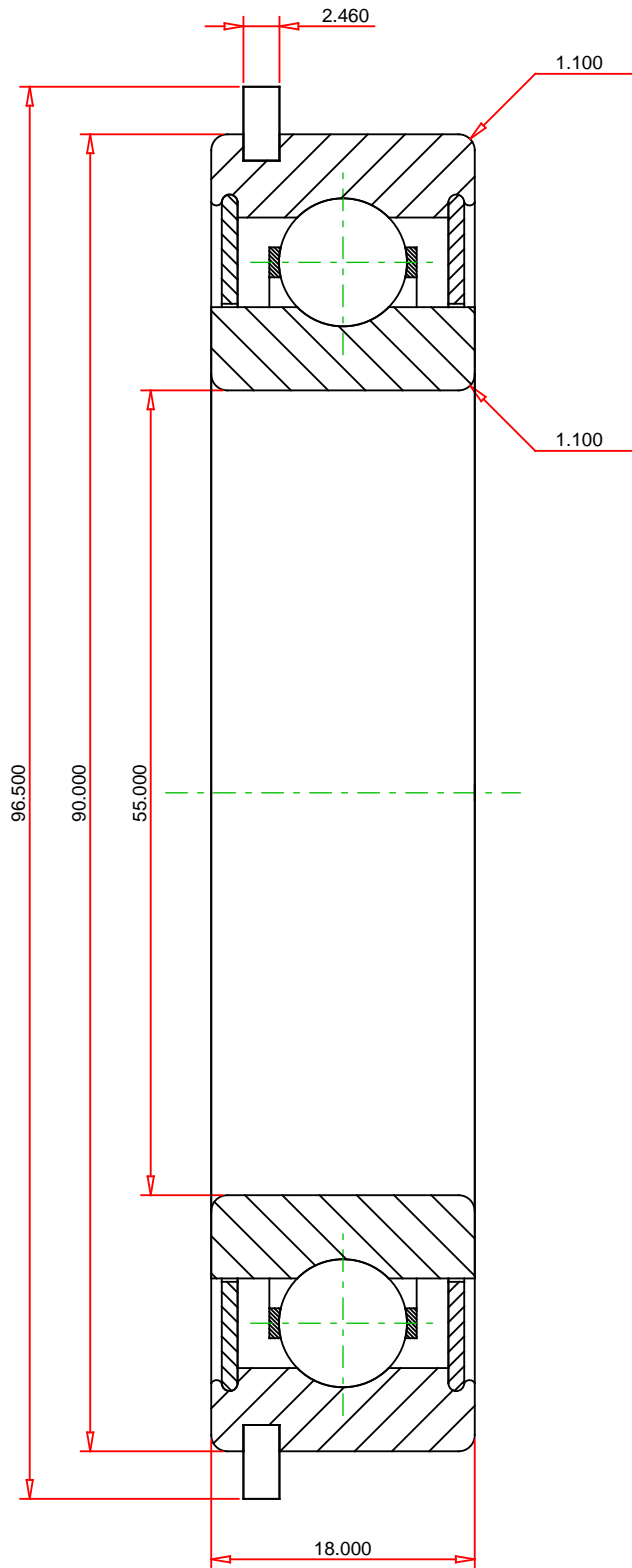
|                                 |         |
|---------------------------------|---------|
| <b>Cr - Dynamic Load Rating</b> | 28300 N |
|---------------------------------|---------|

|                                 |         |
|---------------------------------|---------|
| <b>C0r - Static Load Rating</b> | 22400 N |
|---------------------------------|---------|

## Factors

|                               |          |
|-------------------------------|----------|
| <b>Grease Reference Speed</b> | 7800 rpm |
|-------------------------------|----------|

|                            |           |
|----------------------------|-----------|
| <b>Oil Reference Speed</b> | 11000 rpm |
|----------------------------|-----------|



METRIC UNITS

Weight 0.36 kg

**TIMKEN**®

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NORTH CANTON, OHIO USA

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Dynamic Load Rating 28300 N  
Static Load Rating 22400 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**