


The Timken Company

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Part Number 6012-Z-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.



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

Specifications

| | |
|---------------------|---------------------------|
| Clearance | C0 (Normal) |
| Bore Size d | 60 mm |
| Features | One Shield With Snap Ring |
| Bearing Type | Standard DGBB |

Dimensions

| | |
|-----------------------------|--------|
| Outside Diameter D | 95 mm |
| Outside Ring Width B | 18 mm |
| Radius Rs min | 1.1 mm |



| | |
|----------------------------------|----------|
| Snap Ring Diameter D2 max | 101.6 mm |
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| | |
|------------------------------|----------|
| Snap Ring Width f max | 2.460 mm |
|------------------------------|----------|

Basic Load Ratings

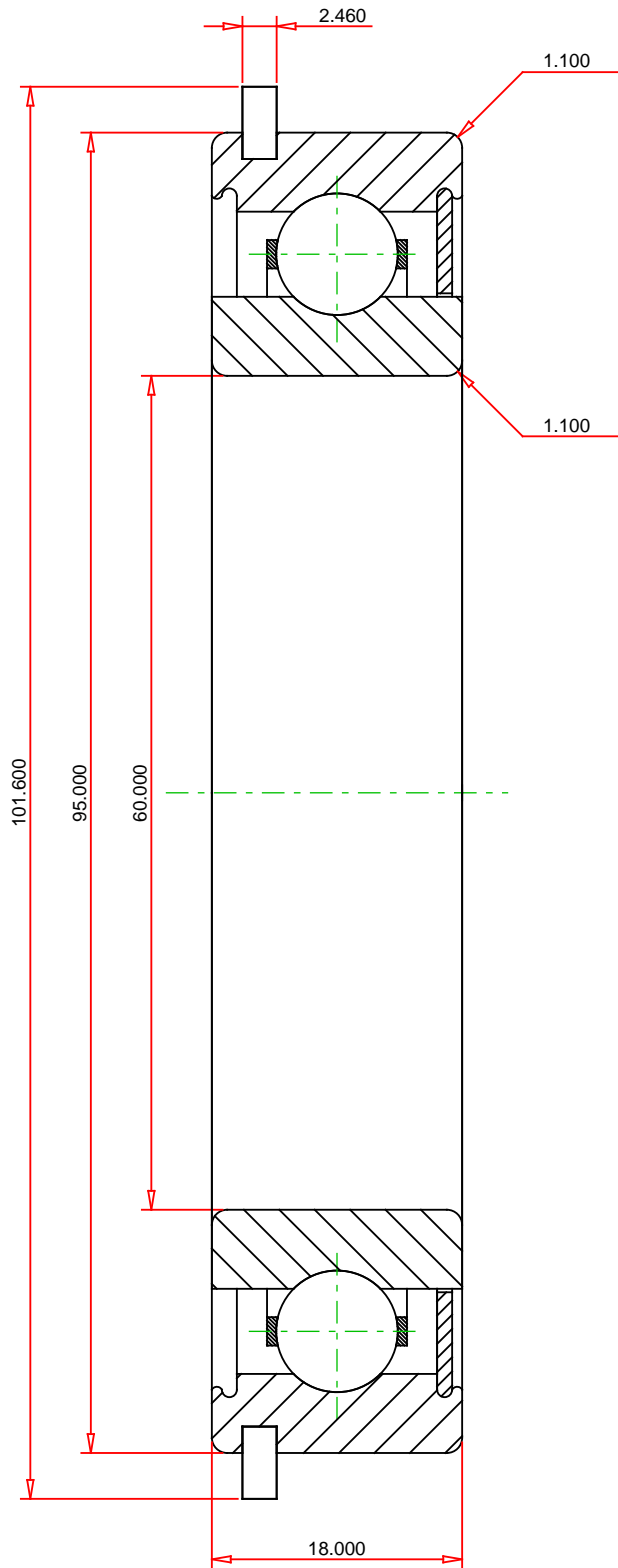
| | |
|---------------------------------|---------|
| Cr - Dynamic Load Rating | 29500 N |
|---------------------------------|---------|

| | |
|---------------------------------|---------|
| C0r - Static Load Rating | 22700 N |
|---------------------------------|---------|

Factors

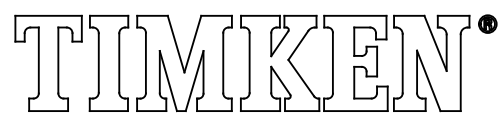
| | |
|-------------------------------|----------|
| Grease Reference Speed | 7200 rpm |
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|----------------------------|-----------|
| Oil Reference Speed | 10000 rpm |
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METRIC UNITS

Weight 0.39 kg



THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

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Dynamic Load Rating 29500 N
Static Load Rating 22700 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