


The Timken Company

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Part Number 6314-ZZ-C3, 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 | C3 |
| Bore Size d | 70 mm |
| Features | Shields |
| Bearing Type | Standard DGBB |

Dimensions

| | |
|-----------------------------|--------|
| Outside Diameter D | 150 mm |
| Outside Ring Width B | 35 mm |
| Radius Rs min | 2.1 mm |



Basic Load Ratings



| | |
|--------------------------|----------|
| Cr - Dynamic Load Rating | 104100 N |
|--------------------------|----------|

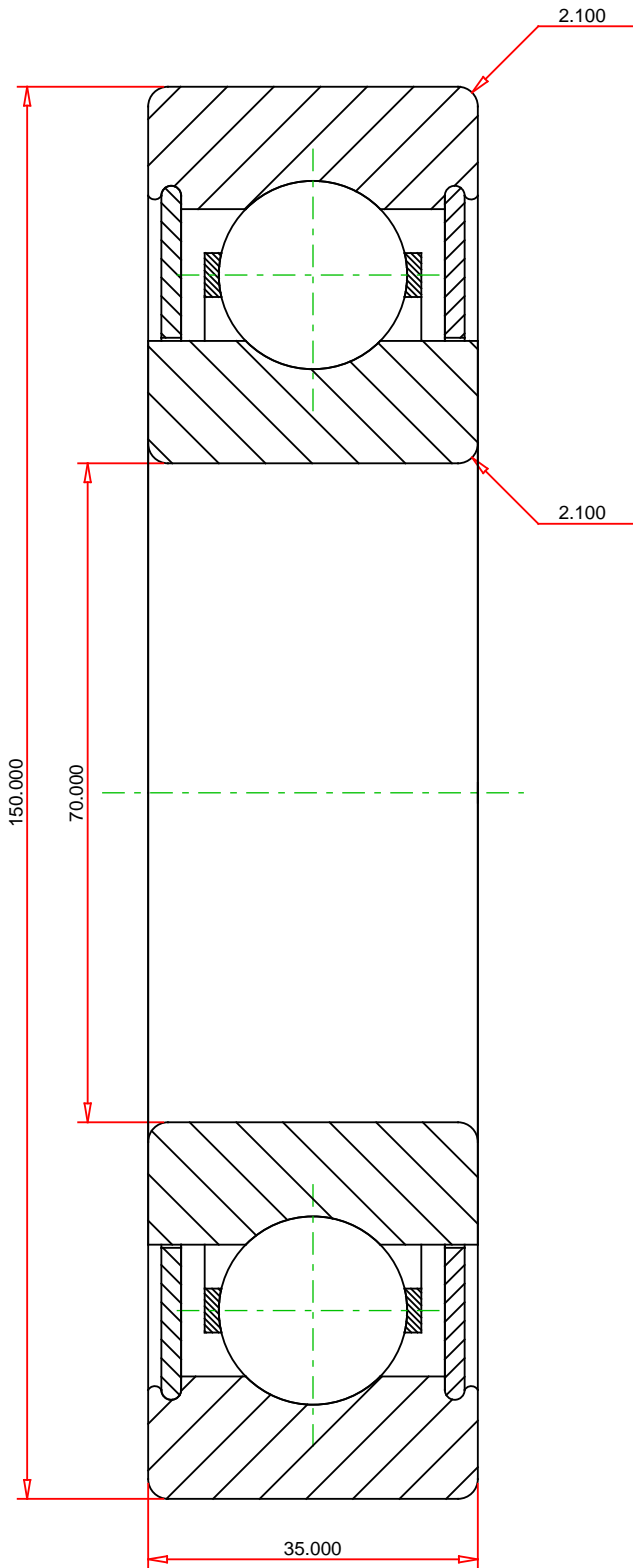
| | |
|--------------------------|---------|
| C0r - Static Load Rating | 68000 N |
|--------------------------|---------|

Factors



| | |
|------------------------|----------|
| Grease Reference Speed | 5700 rpm |
|------------------------|----------|

| | |
|---------------------|----------|
| Oil Reference Speed | 8200 rpm |
|---------------------|----------|



METRIC UNITS

Weight 2.5 kg

TIMKEN®

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NORTH CANTON, OHIO USA

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Deep Groove Ball Bearings (6000, 6200, 6300, 6400)

| | | |
|---------------------|--------|---|
| Dynamic Load Rating | 104100 | N |
| Static Load Rating | 68000 | 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