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# Part Number 6305-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** | 25 mm |
| **Features** | Snap Ring |
| **Bearing Type** | Standard DGBB |
| **Weight** | 0.220 Kg |

## Dimensions

| | |
|---|---|
| **Outside Diameter D** | 62.000 mm |
| **Outside Ring Width B** | 17.000 mm |

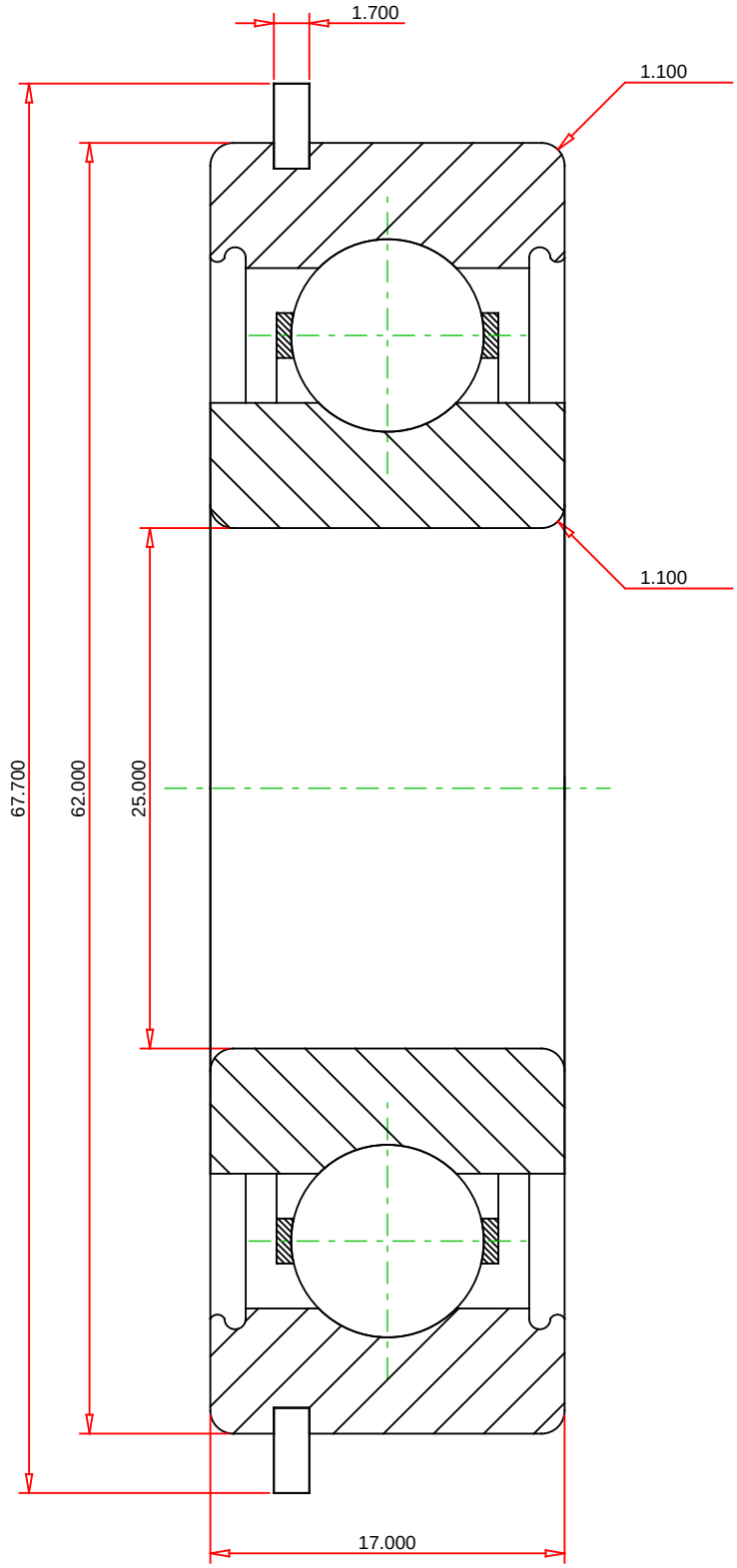
| | |
|---|---|
| **Radius Rs min** | 1.100 mm |
| **Snap Ring Diameter D2 max** | 67.700 mm |
| **Snap Ring Width f max** | 1.700 mm |

## Basic Load Ratings

| | |
|---|---|
| **Cr - Dynamic Load Rating** | 20.6 kN |
| **C0r - Static Load Rating** | 11.2 kN |

## Factors

| | |
|---|---|
| **Grease Reference Speed** | 12000 rpm |
| **Oil Reference Speed** | 17000 rpm |




METRIC UNITS

| | | |
|---|---|---|
| Weight | 0.22 | kg |

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

# 6305-NR

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

| | | |
|---|---|---|
| Dynamic Load Rating | 22400 | N |
| Static Load Rating | 11500 | 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