


The Timken Company

4500 Mt Pleasant St. NW

N. Canton, OH 44720

Phone: (234) 262-3000

E-Mail: CustomerCAD@timken.com • **Web site:** www.timken.com
Part Number 6007-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 | 35 mm |
| Features | Snap Ring |
| Bearing Type | Standard DGBB |

Dimensions

| | |
|-----------------------------|-------|
| Outside Diameter D | 62 mm |
| Outside Ring Width B | 14 mm |
| Radius Rs min | 1 mm |



| | |
|----------------------------------|-----------|
| Snap Ring Diameter D2 max | 67.700 mm |
|----------------------------------|-----------|

| | |
|------------------------------|----------|
| Snap Ring Width f max | 1.700 mm |
|------------------------------|----------|

Basic Load Ratings

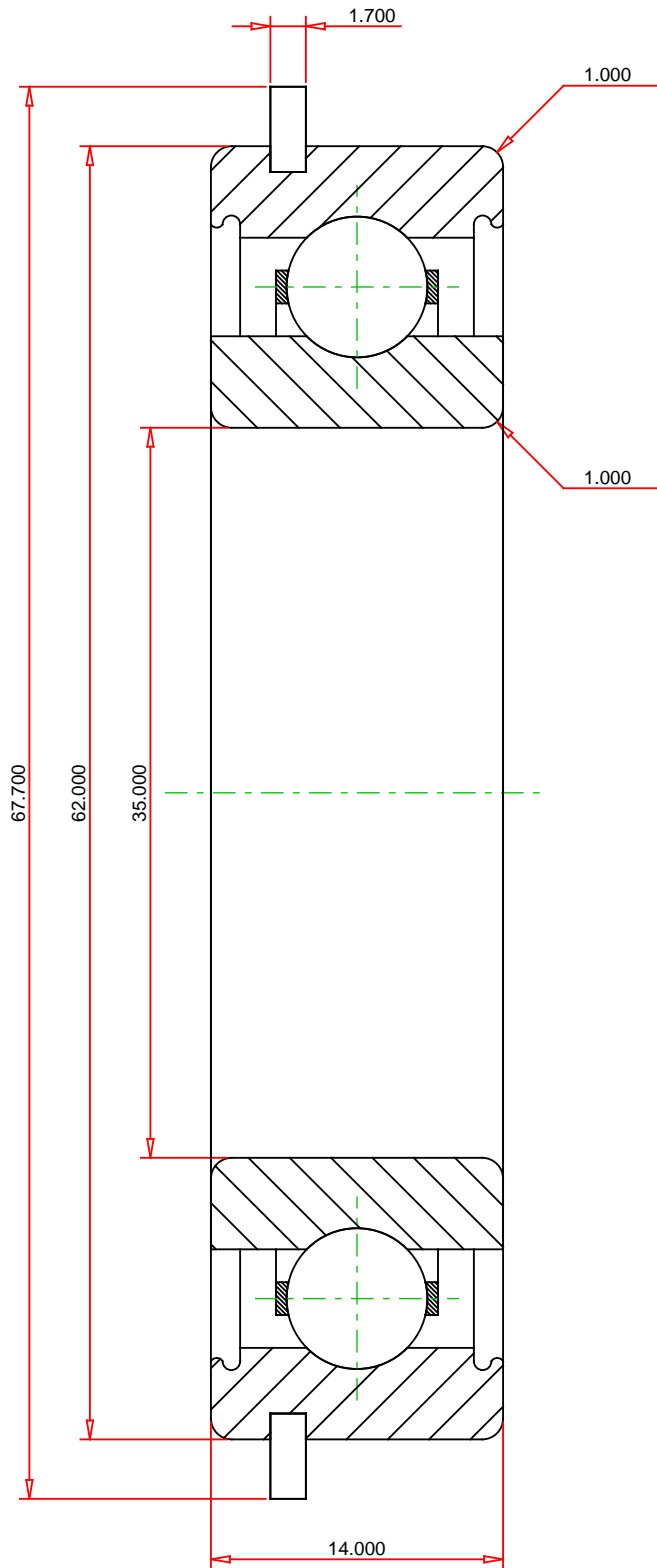
| | |
|---------------------------------|---------|
| Cr - Dynamic Load Rating | 15900 N |
|---------------------------------|---------|

| | |
|---------------------------------|---------|
| C0r - Static Load Rating | 10300 N |
|---------------------------------|---------|

Factors

| | |
|-------------------------------|-----------|
| Grease Reference Speed | 11000 rpm |
|-------------------------------|-----------|

| | |
|----------------------------|-----------|
| Oil Reference Speed | 16000 rpm |
|----------------------------|-----------|



METRIC UNITS

Weight 0.15 kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

6007-NR
Deep Groove Ball Bearings (6000, 6200, 6300, 6400)

Dynamic Load Rating 15900 N
Static Load Rating 10300 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