



**The Timken Company**

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Part Number 6216-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    | 80 mm                     |
| Features       | One Shield With Snap Ring |
| Bearing Type   | Standard DGBB             |

| Dimensions           |        |
|----------------------|--------|
| Outside Diameter D   | 140 mm |
| Outside Ring Width B | 26 mm  |
| Radius Rs min        | 2 mm   |



**Snap Ring Diameter D2 max** 149.700 mm

**Snap Ring Width f max** 2.820 mm

Basic Load Ratings

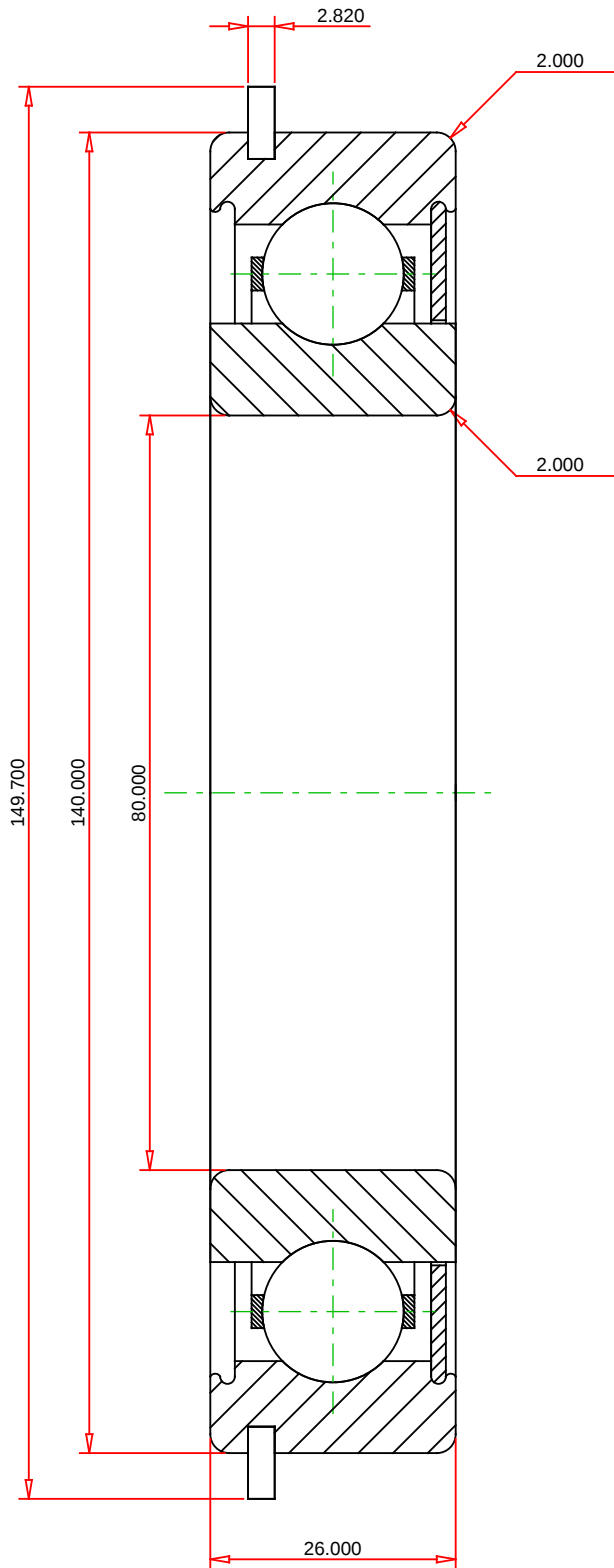
**Cr - Dynamic Load Rating** 72700 N

**C0r - Static Load Rating** 53000 N

Factors

**Grease Reference Speed** 5200 rpm

**Oil Reference Speed** 7500 rpm



## METRIC UNITS

|        |        |                                                     |
|--------|--------|-----------------------------------------------------|
| Weight | 1.4 kg | <b>TIMKEN®</b>                                      |
|        |        | <b>THE TIMKEN COMPANY</b><br>NORTH CANTON, OHIO USA |

|                                                                        |       |   |
|------------------------------------------------------------------------|-------|---|
| <b>6216-Z-NR</b><br>Deep Groove Ball Bearings (6000, 6200, 6300, 6400) |       |   |
| Dynamic Load Rating                                                    | 72700 | N |
| Static Load Rating                                                     | 53000 | 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**