


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 6210-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	50 mm
Features	One Shield With Snap Ring
Bearing Type	Standard DGBB

Dimensions

Outside Diameter D	90 mm
Outside Ring Width B	20 mm
Radius Rs min	1.1 mm



Snap Ring Diameter D2 max	96.500 mm
----------------------------------	-----------

Snap Ring Width f max	2.460 mm
------------------------------	----------

Basic Load Ratings

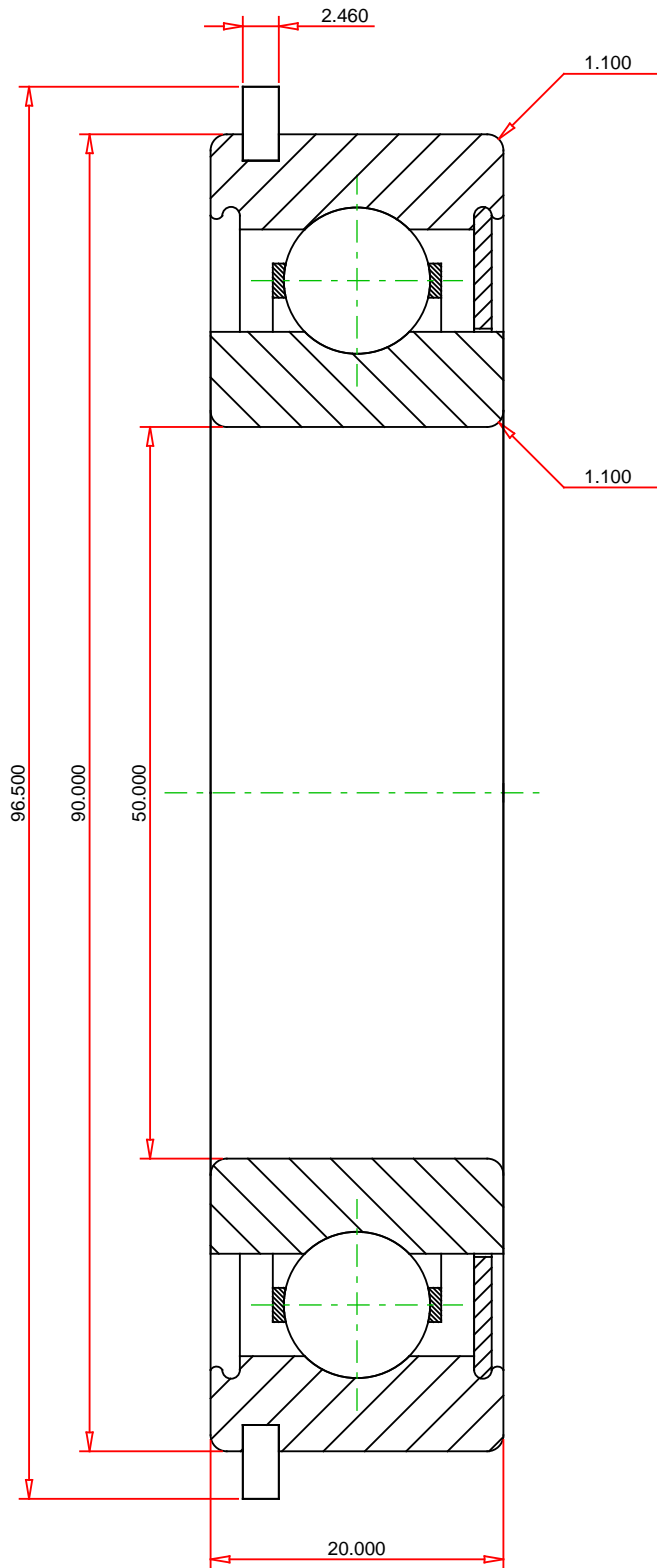
Cr - Dynamic Load Rating	35000 N
---------------------------------	---------

C0r - Static Load Rating	23200 N
---------------------------------	---------

Factors

Grease Reference Speed	7700 rpm
-------------------------------	----------

Oil Reference Speed	11000 rpm
----------------------------	-----------



METRIC UNITS

Weight 0.46 kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

6210-Z-NR
Deep Groove Ball Bearings (6000, 6200, 6300, 6400)

Dynamic Load Rating 35000 N
Static Load Rating 23200 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