


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 6311-NR-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	55 mm
Features	Snap Ring
Bearing Type	Standard DGBB

Dimensions

Outside Diameter D	120 mm
Outside Ring Width B	29 mm
Radius Rs min	2 mm



Snap Ring Diameter D2 max	129.700 mm
----------------------------------	------------

Snap Ring Width f max	2.820 mm
------------------------------	----------

Basic Load Ratings

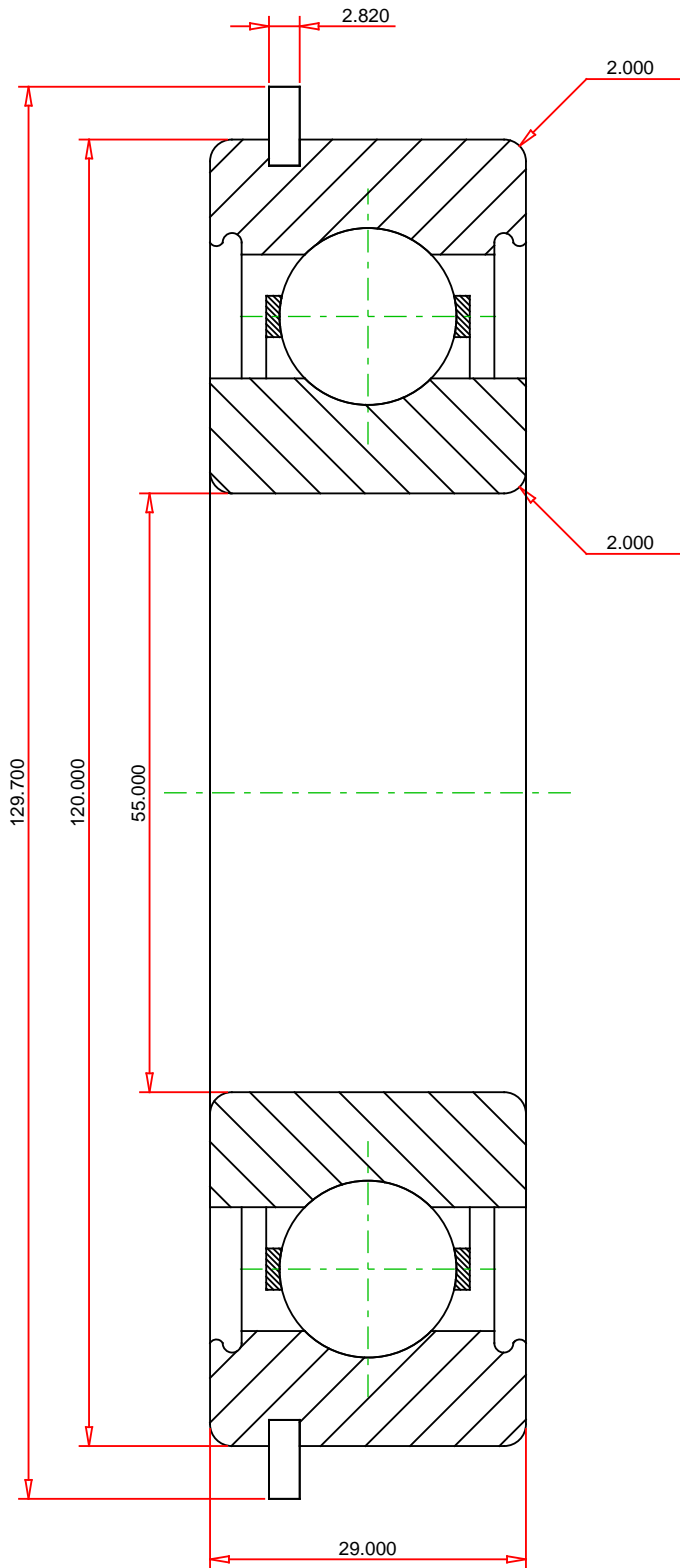
Cr - Dynamic Load Rating	71500 N
---------------------------------	---------

C0r - Static Load Rating	44600 N
---------------------------------	---------

Factors

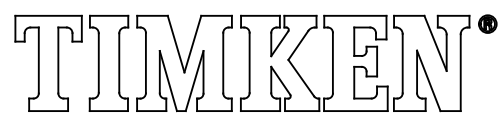
Grease Reference Speed	6700 rpm
-------------------------------	----------

Oil Reference Speed	10000 rpm
----------------------------	-----------



METRIC UNITS

Weight 1.35 kg



THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

6311-NR-C3
Deep Groove Ball Bearings (6000, 6200, 6300, 6400)

Dynamic Load Rating 71500 N
Static Load Rating 44600 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