


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 6307-Z-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	35 mm
Features	One Shield
Bearing Type	Standard DGBB

Dimensions

Outside Diameter D	80 mm
Outside Ring Width B	21 mm
Radius Rs min	1.5 mm



Basic Load Ratings

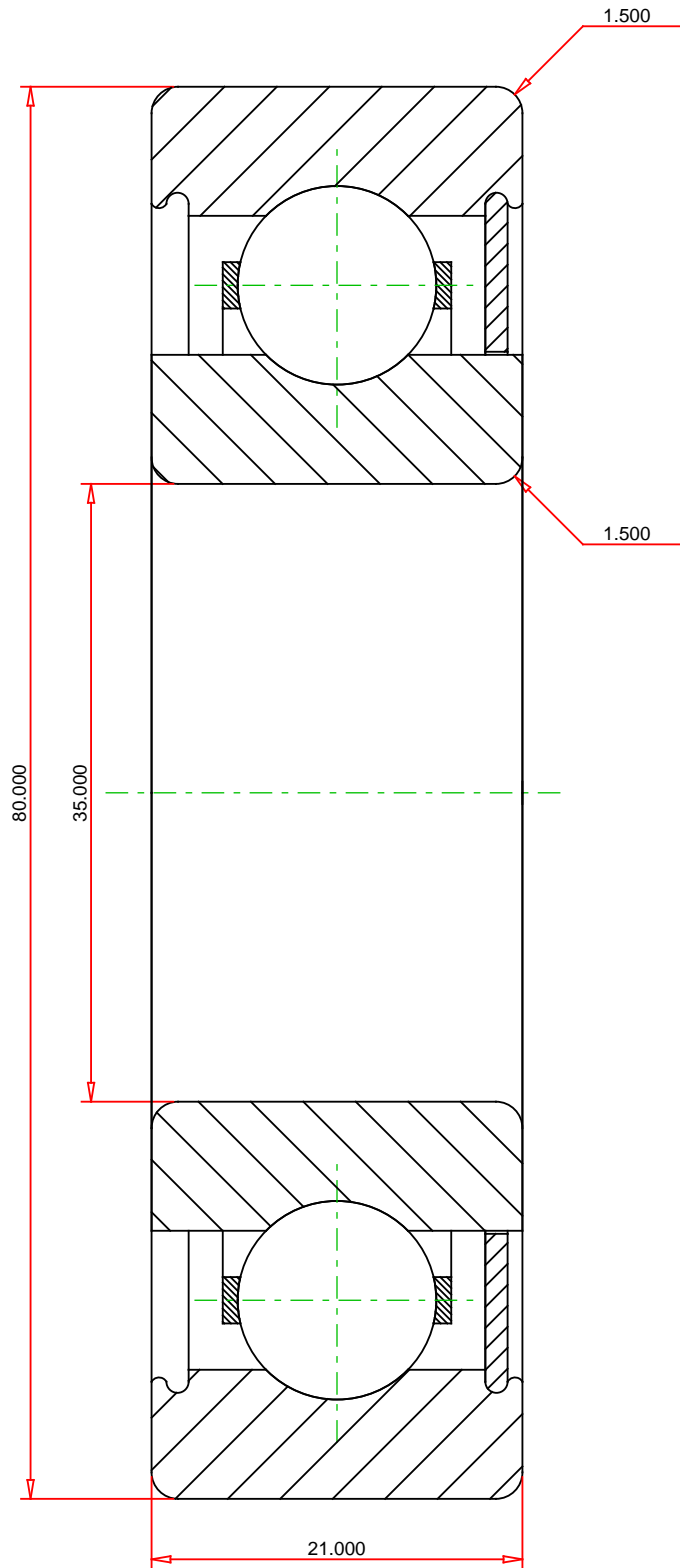
Cr - Dynamic Load Rating	33400 N
---------------------------------	---------

C0r - Static Load Rating	19200 N
---------------------------------	---------

Factors

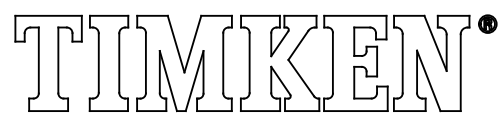
Grease Reference Speed	9300 rpm
-------------------------------	----------

Oil Reference Speed	13000 rpm
----------------------------	-----------



METRIC UNITS

Weight 0.45 kg



THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

6307-Z-C3
Deep Groove Ball Bearings (6000, 6200, 6300, 6400)

Dynamic Load Rating 33400 N
Static Load Rating 19200 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