


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 6005-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	25 mm
Features	One Shield With Snap Ring
Bearing Type	Standard DGBB

Dimensions

Outside Diameter D	47 mm
Outside Ring Width B	12 mm
Radius Rs min	0.6 mm



Snap Ring Diameter D2 max	52.700 mm
----------------------------------	-----------

Snap Ring Width f max	1.120 mm
------------------------------	----------

Basic Load Ratings

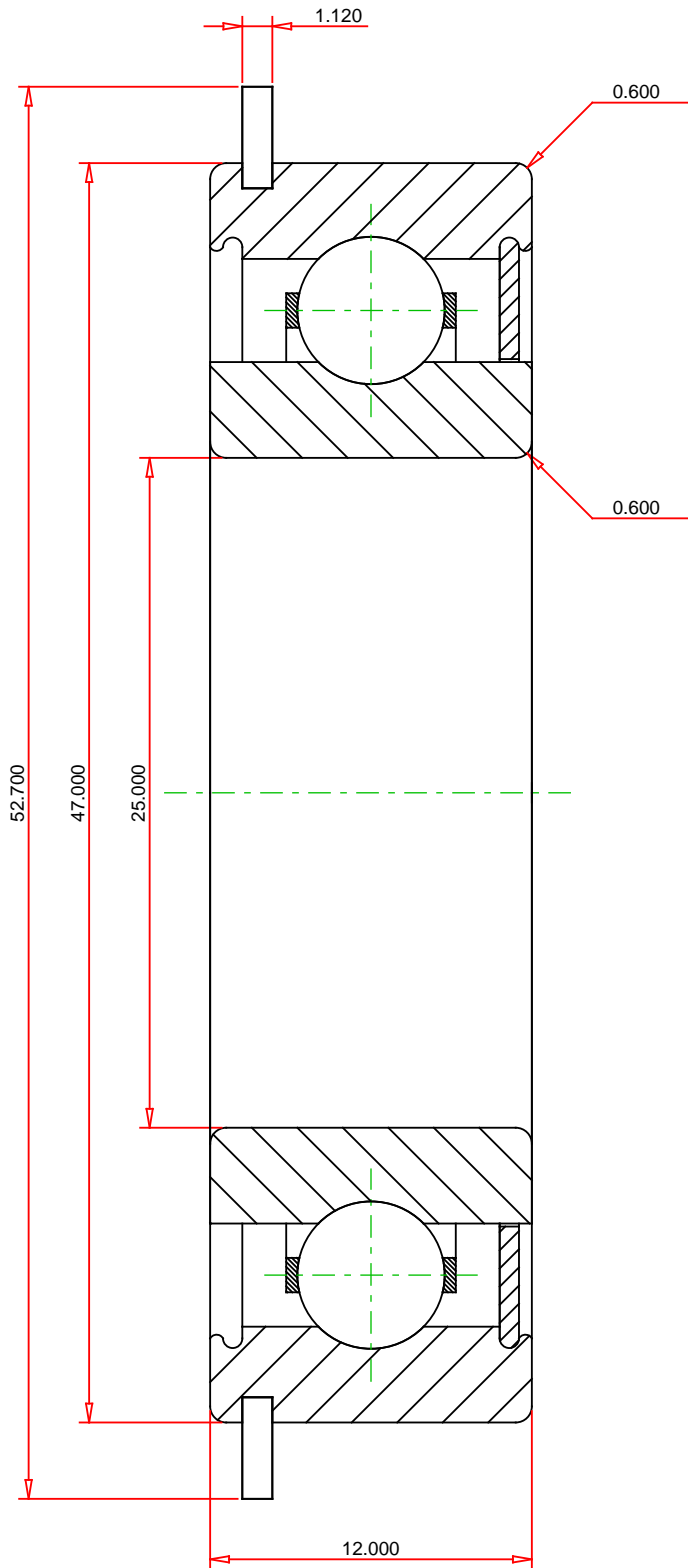
Cr - Dynamic Load Rating	10100 N
---------------------------------	---------

C0r - Static Load Rating	5800 N
---------------------------------	--------

Factors

Grease Reference Speed	14000 rpm
-------------------------------	-----------

Oil Reference Speed	21000 rpm
----------------------------	-----------



METRIC UNITS

Weight 0.08 kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

6005-Z-NR
Deep Groove Ball Bearings (6000, 6200, 6300, 6400)

Dynamic Load Rating 10100 N
Static Load Rating 5800 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