



**The Timken Company**  
4500 Mt Pleasant St. NW  
N. Canton, OH 44720

**Phone:** (234) 262-3000

**E-Mail:** [CustomerCAD@timken.com](mailto:CustomerCAD@timken.com) • **Web site:** [www.timken.com](http://www.timken.com)

## Part Number 6016-ZZ, 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	80.000 mm
Features	Shields
Bearing Type	Standard DGBB
Weight	0.82 Kg

### Dimensions

Outside Diameter D	125.000 mm
Outside Ring Width B	22.000 mm



Radius Rs min	1.100 mm
---------------	----------

## Basic Load Ratings

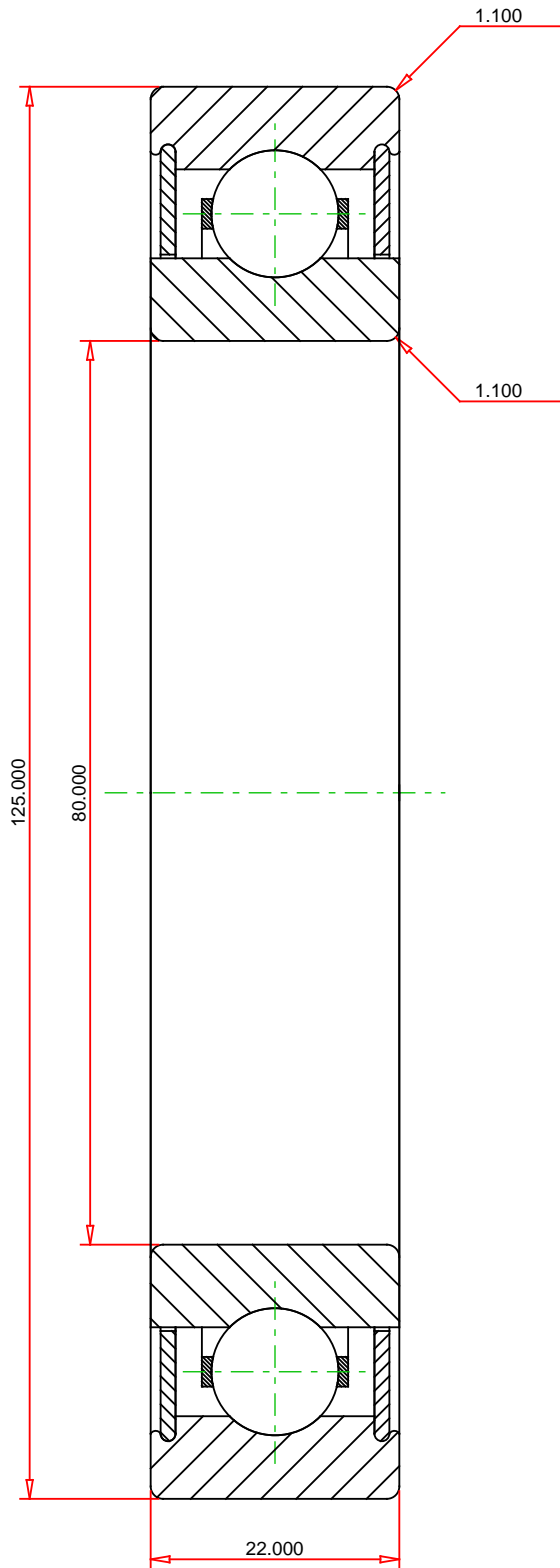
Cr - Dynamic Load Rating	47.5 kN
--------------------------	---------

C0r - Static Load Rating	39.8 kN
--------------------------	---------

## Factors

Grease Reference Speed	5800 rpm
------------------------	----------

Oil Reference Speed	8400 rpm
---------------------	----------



METRIC UNITS

Weight 0.82 kg

**TIMKEN**®

**THE TIMKEN COMPANY**  
NORTH CANTON, OHIO USA

**6016-ZZ**  
Deep Groove Ball Bearings (6000, 6200, 6300,  
6400)

Dynamic Load Rating 47500 N  
Static Load Rating 39700 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**