



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 6303-RS, 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	17.000 mm
Features	One Contact Seal
Bearing Type	Standard DGBB
Weight	0.120 Kg
Manufacturing Part Number	6303RS

Dimensions



Outside Diameter D

47.000 mm

Outside Ring Width B	14.000 mm
-----------------------------	-----------

Radius Rs min	1.000 mm
----------------------	----------

Basic Load Ratings

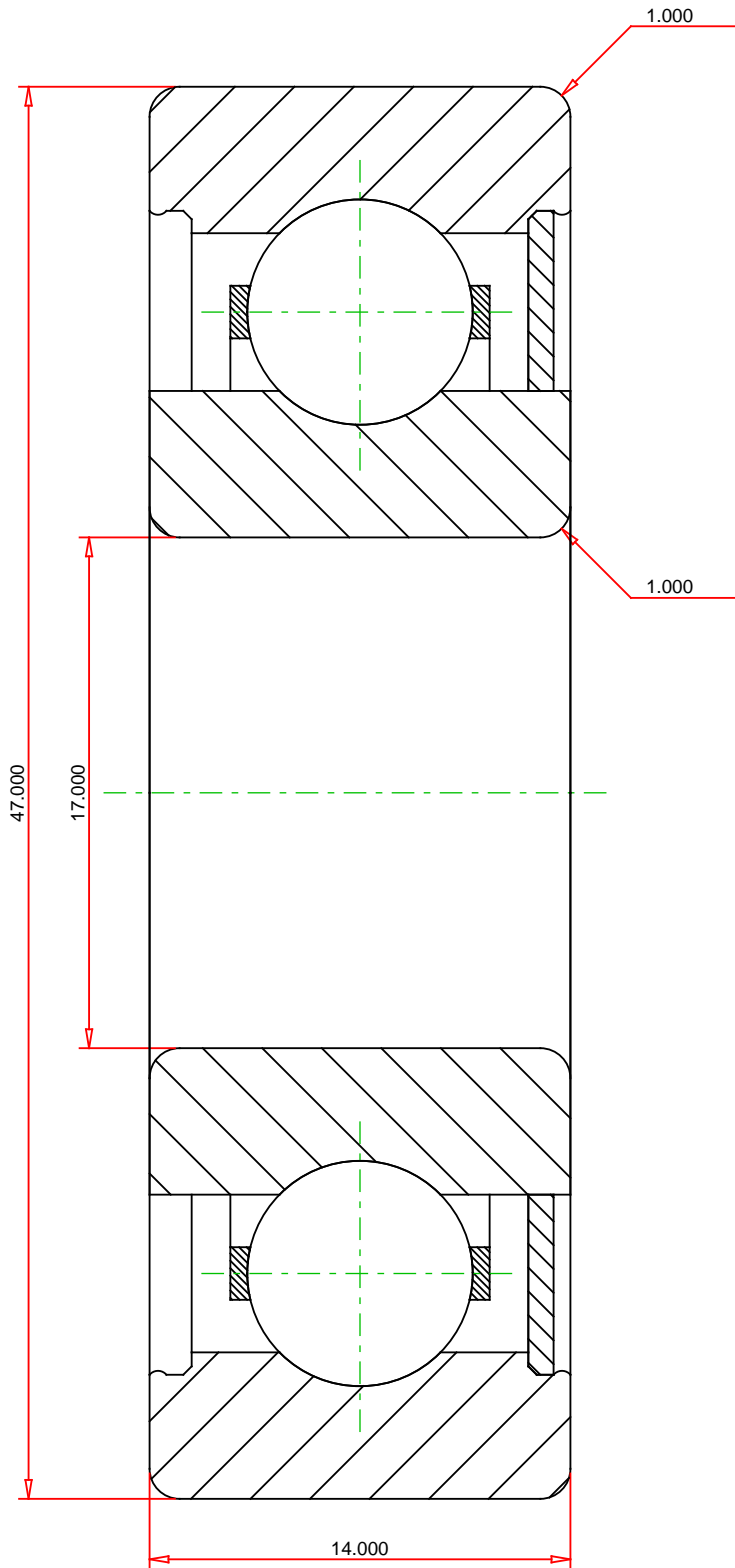
Cr - Dynamic Load Rating	13.6 kN
---------------------------------	---------

C0r - Static Load Rating	6.6 kN
---------------------------------	--------

Factors

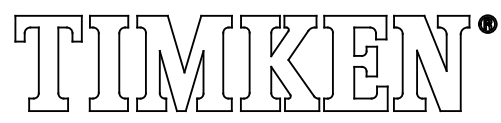
Grease Reference Speed	15000 rpm
-------------------------------	-----------

Oil Reference Speed	22000 rpm
----------------------------	-----------



METRIC UNITS

Weight 0.12 kg



THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

6303-RS
Deep Groove Ball Bearings (6000, 6200, 6300, 6400)

Dynamic Load Rating 13600 N
Static Load Rating 6600 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