



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 6009-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	45.000 mm
Features	One Contact Seal
Bearing Type	Standard DGBB
Weight	0.230 Kg
Manufacturing Part Number	6009RS

Dimensions



Outside Diameter D

75.000 mm

Outside Ring Width B	16.000 mm
----------------------	-----------

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

Basic Load Ratings

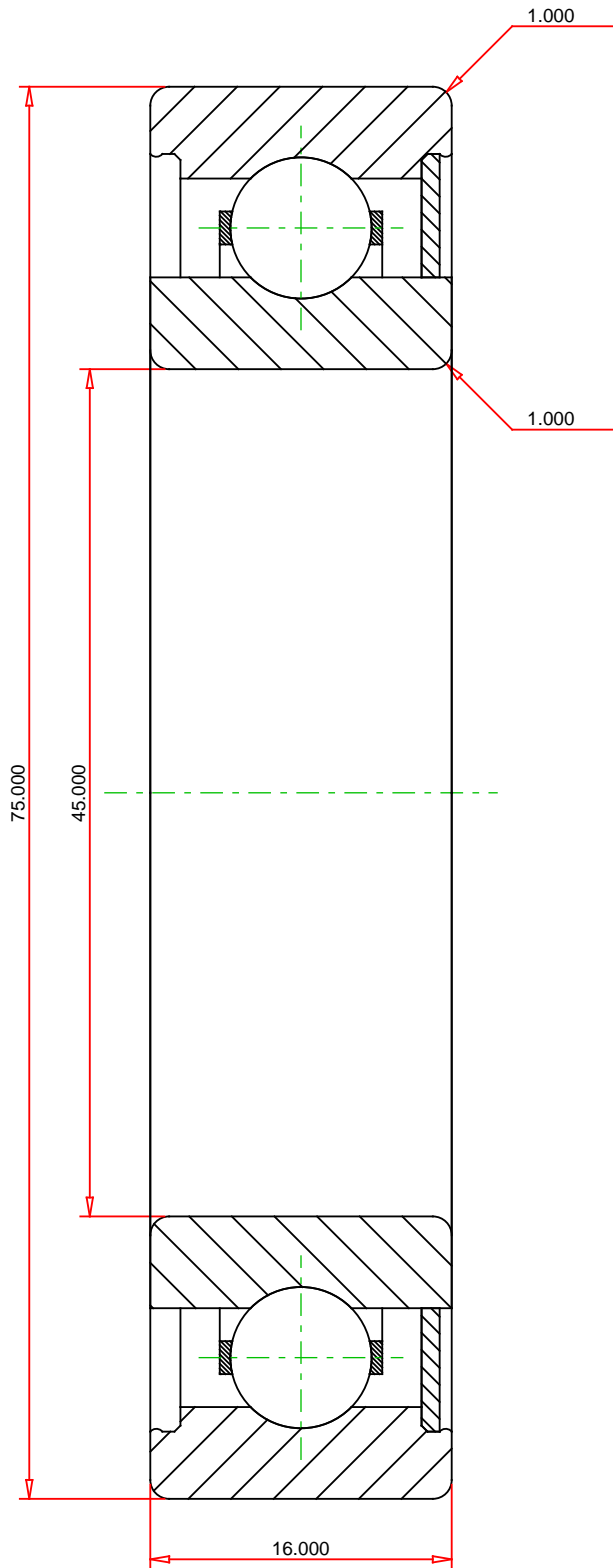
Cr - Dynamic Load Rating	19.9 kN
--------------------------	---------

C0r - Static Load Rating	14 kN
--------------------------	-------

Factors

Grease Reference Speed	9200 rpm
------------------------	----------

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



METRIC UNITS

Weight 0.23 kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

6009-RS
Deep Groove Ball Bearings (6000, 6200, 6300, 6400)

Dynamic Load Rating 19900 N
Static Load Rating 14000 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