



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 6004-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	20 mm
Features	One Contact Seal
Bearing Type	Standard DGBB

Dimensions	
Outside Diameter D	42 mm
Outside Ring Width B	12 mm
 Radius Rs min	0.6 mm

Basic Load Ratings

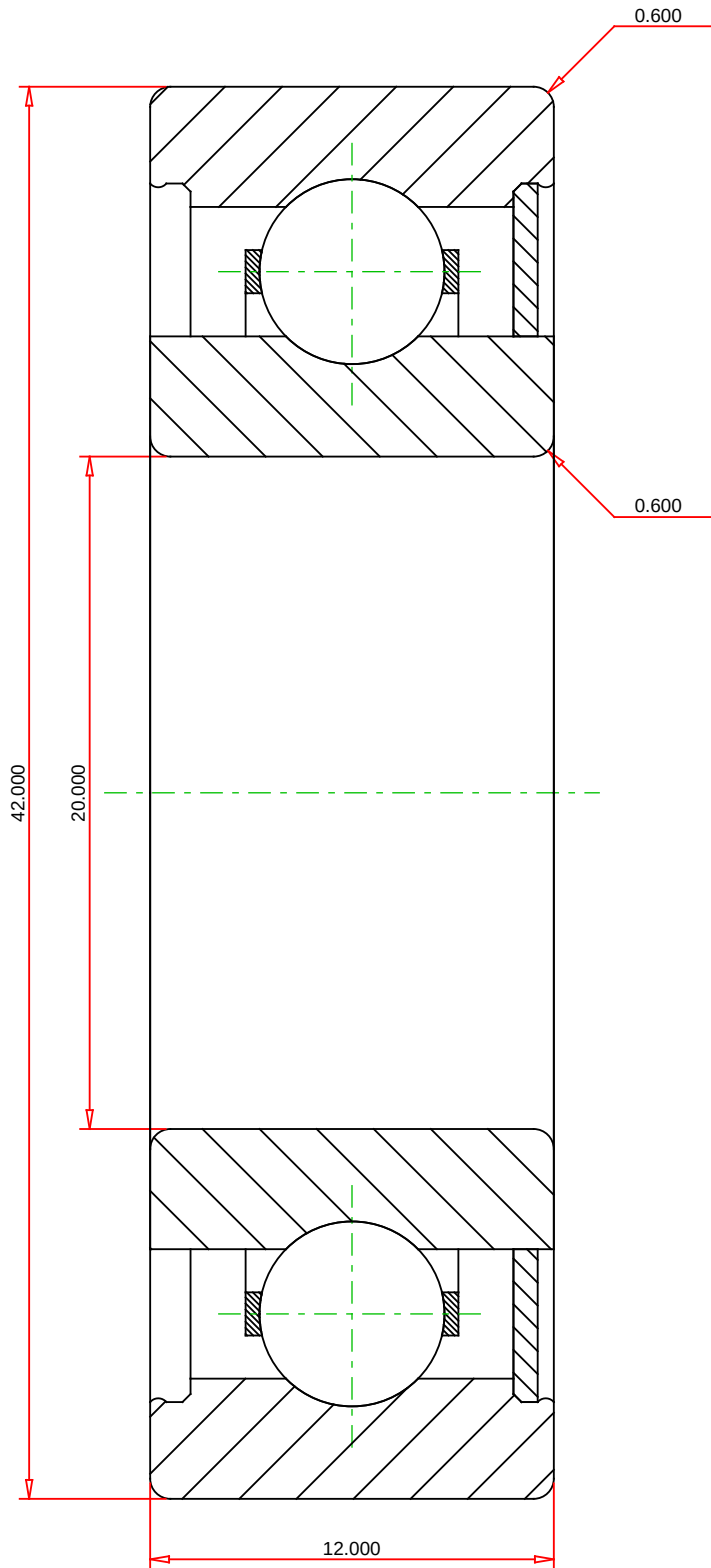
Cr - Dynamic Load Rating 9400 N

C0r - Static Load Rating 5000 N

Factors

Grease Reference Speed 17000 rpm

Oil Reference Speed 25000 rpm



METRIC UNITS

Weight	0.07 kg	TIMKEN®
		THE TIMKEN COMPANY NORTH CANTON, OHIO USA

6004-RS Deep Groove Ball Bearings (6000, 6200, 6300, 6400)		
Dynamic Load Rating	9400	N
Static Load Rating	5000	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