



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 627-2RS-C3, Miniature Ball Bearings (600, 610, 620, 630)

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	C3
Bore Size d	7 mm
Features	Contact Seals
Bearing Type	Standard DGBB

Dimensions	
Outside Diameter D	22 mm
Outside Ring Width B	7 mm
Radius Rs min	0.3 mm



Basic Load Ratings

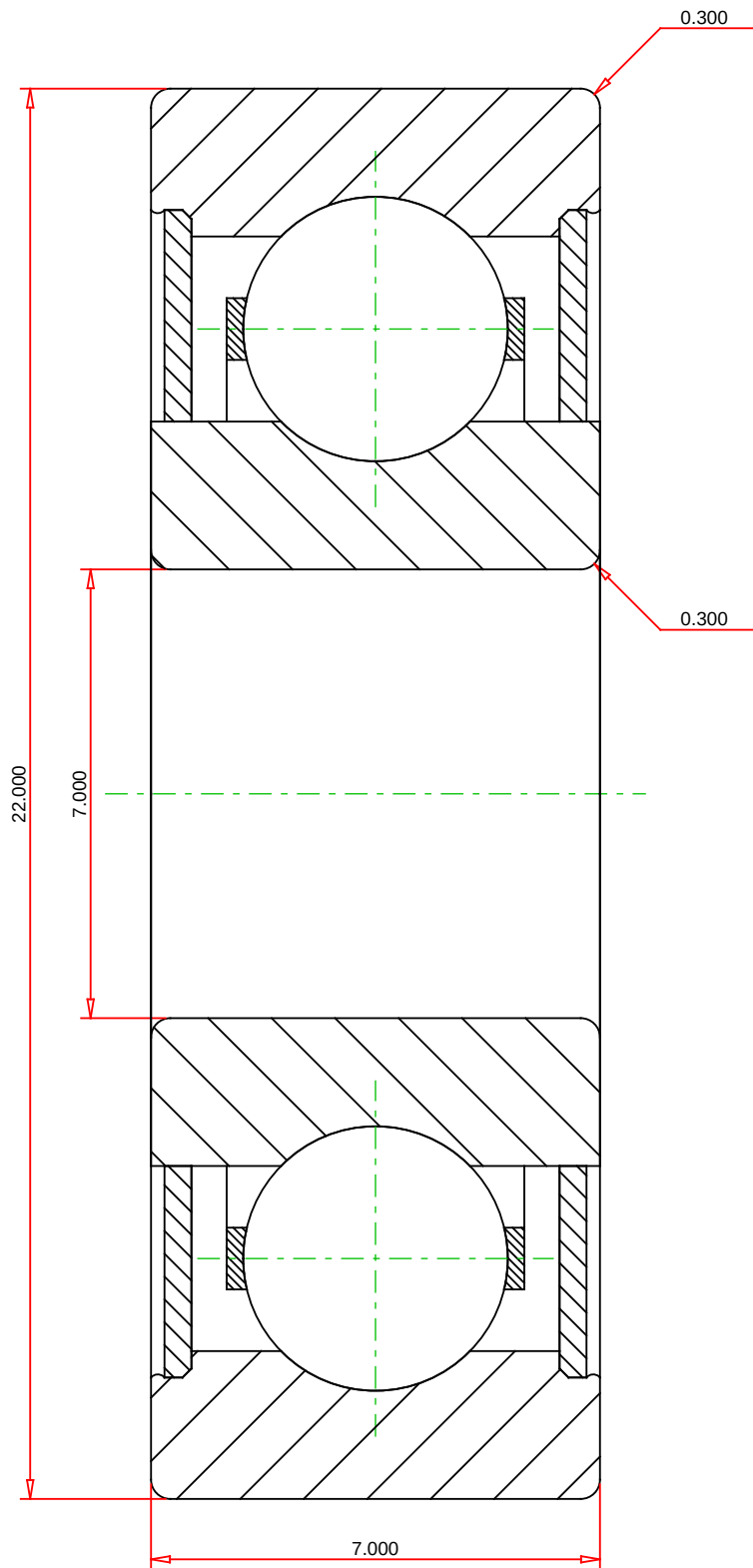
Cr - Dynamic Load Rating3300 N

C0r - Static Load Rating1400 N

Factors

Grease Limiting Speed33000 rpm

Oil Limiting Speed39000 rpm



METRIC UNITS

Weight	0.012 kg	TIMKEN®
		THE TIMKEN COMPANY NORTH CANTON, OHIO USA

627-2RS-C3
Miniature Ball Bearings (600, 610, 620, 630)

Dynamic Load Rating	3300	N
Static Load Rating	1400	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