



The Timken Company
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Part Number 609-ZZ-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	9 mm
Features	Shields
Bearing Type	Standard DGBB

Dimensions	
Outside Diameter D	24 mm
Outside Ring Width B	7 mm
Radius Rs min	0.3 mm



Basic Load Ratings



Cr - Dynamic Load Rating	3400 N
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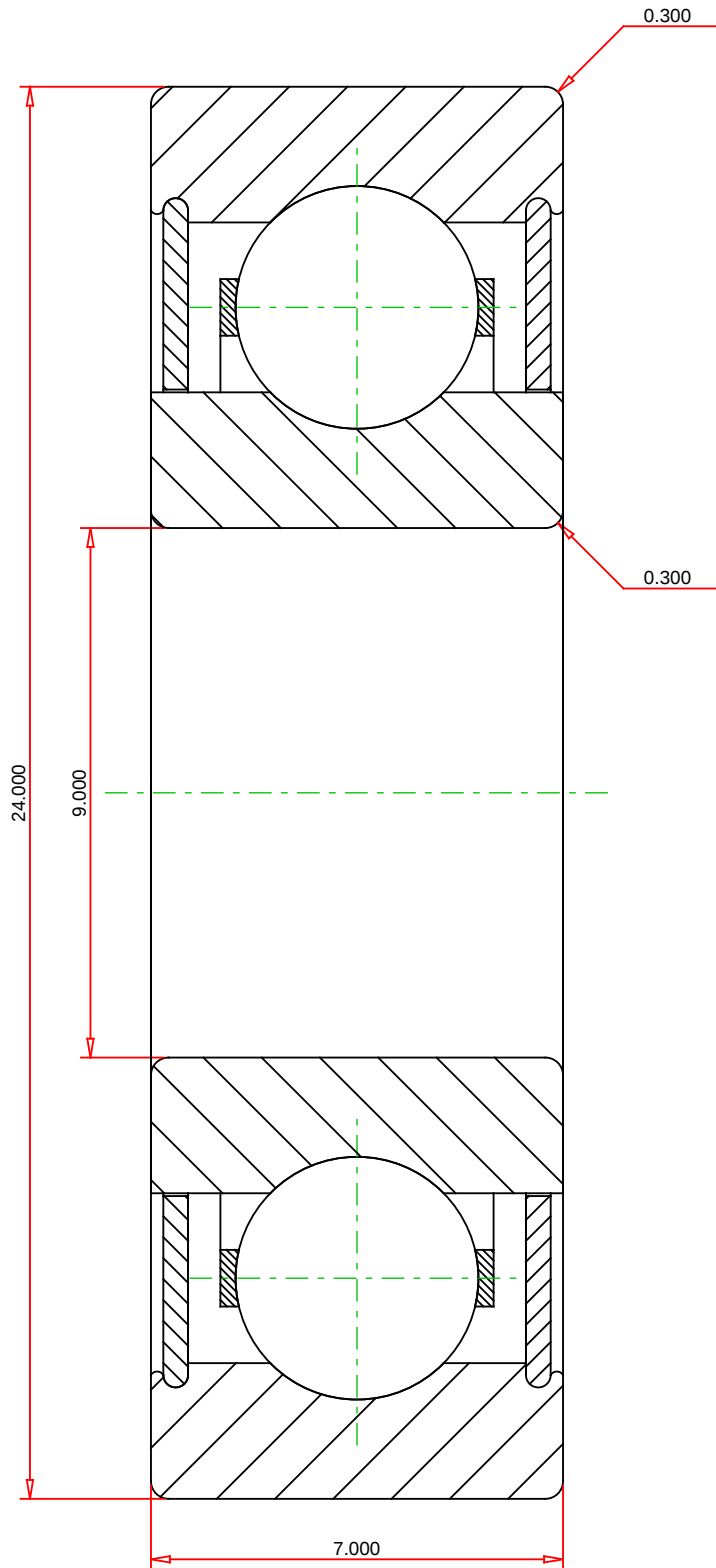
C0r - Static Load Rating	1400 N
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Factors



Grease Limiting Speed	30000 rpm
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Oil Limiting Speed	36000 rpm
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METRIC UNITS

Weight

0.013 kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

609-ZZ-C3

Miniature Ball Bearings (600, 610, 620, 630)

Dynamic Load Rating
Static Load Rating

3400 N
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