



The Timken Company

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Part Number 623-2RS, 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	
Bore Size d	3 mm
Features	Contact Seals
Bearing Type	Standard DGBB

Dimensions	
Outside Diameter D	10 mm
Outside Ring Width B	4 mm
Radius Rs min	0.15 mm



Basic Load Ratings

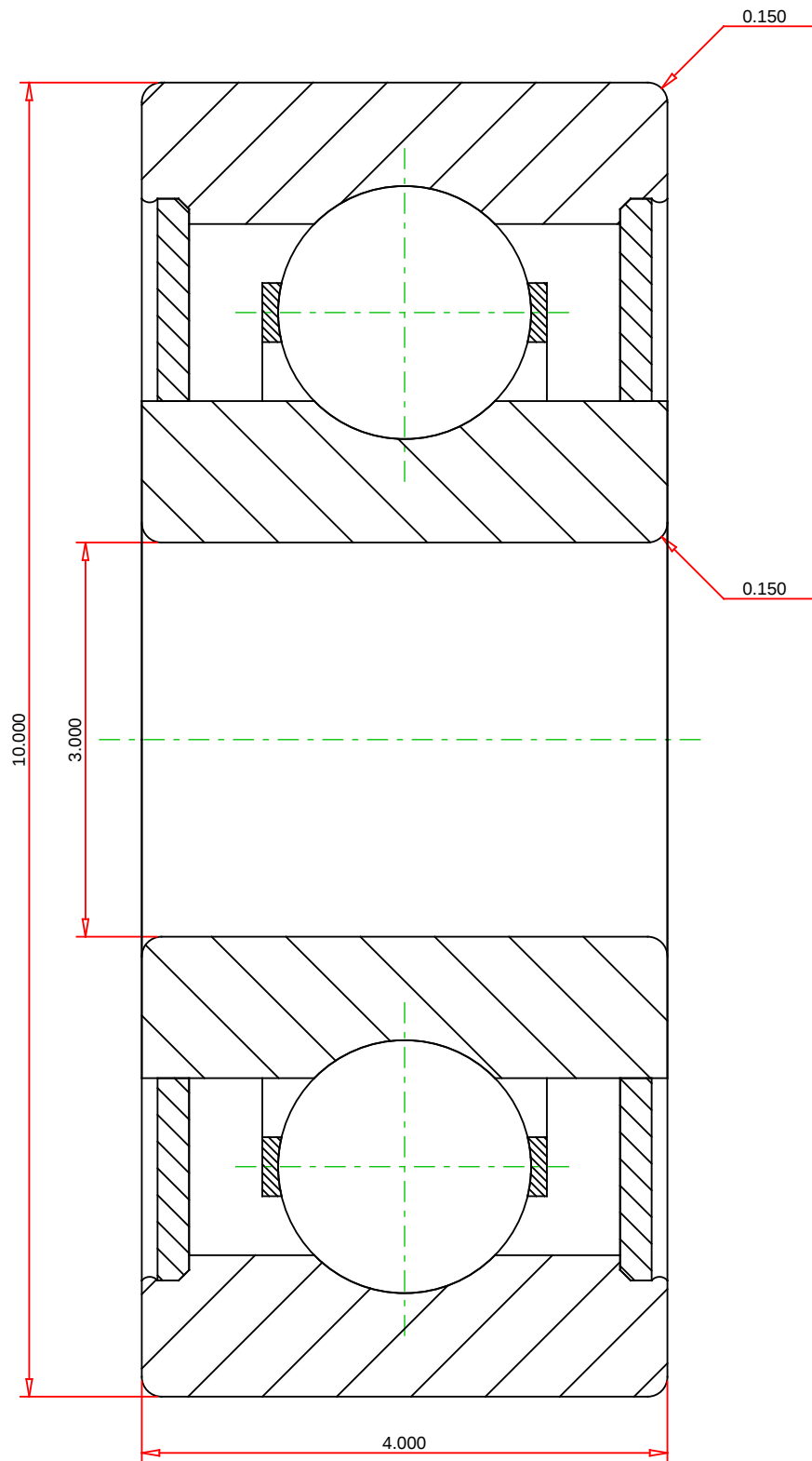
Cr - Dynamic Load Rating	630 N
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C0r - Static Load Rating	220 N
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Factors

Grease Limiting Speed	66000 rpm
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Oil Limiting Speed	78000 rpm
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METRIC UNITS

Weight 0.0016 kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

623-2RS
Miniature Ball Bearings (600, 610, 620, 630)

Dynamic Load Rating	630	N
Static Load Rating	220	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