



The Timken Company
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Part Number 6209-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 mm
Features	One Contact Seal
Bearing Type	Standard DGBB

Dimensions	
Outside Diameter D	85 mm
Outside Ring Width B	19 mm
Radius Rs min	1.1 mm

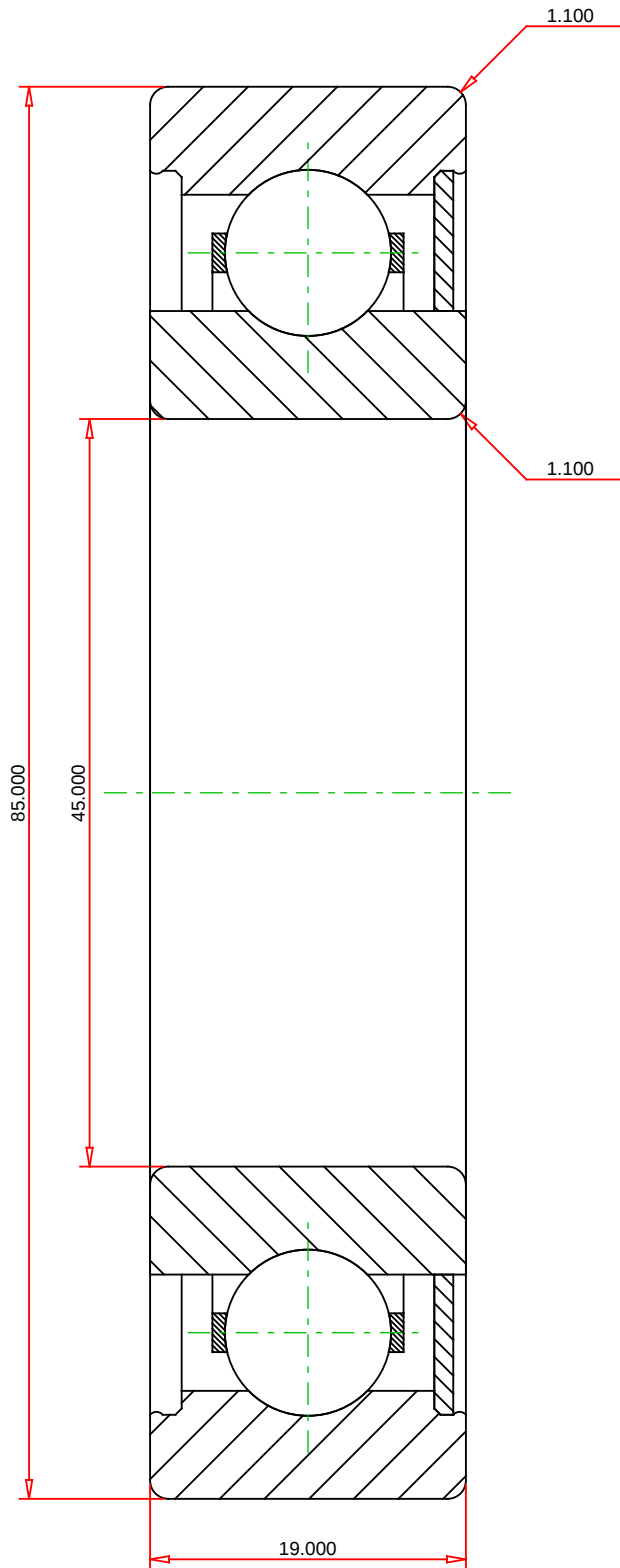


Basic Load Ratings

Cr - Dynamic Load Rating	31200 N
C0r - Static Load Rating	20300 N

Factors

Grease Reference Speed	8200 rpm
Oil Reference Speed	12000 rpm



METRIC UNITS

Weight 0.42 kg

TIMKEN®

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NORTH CANTON, OHIO USA

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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