The Timken Company
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Part Number 6209-NR-C3, 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	C3
Bore Size d	45 mm
Features	Snap Ring
Bearing Type	Standard DGBB
Weight	0.420 Kg

Dimensions

Outside Diameter D	85.000 mm
Outside Ring Width B	19.000 mm

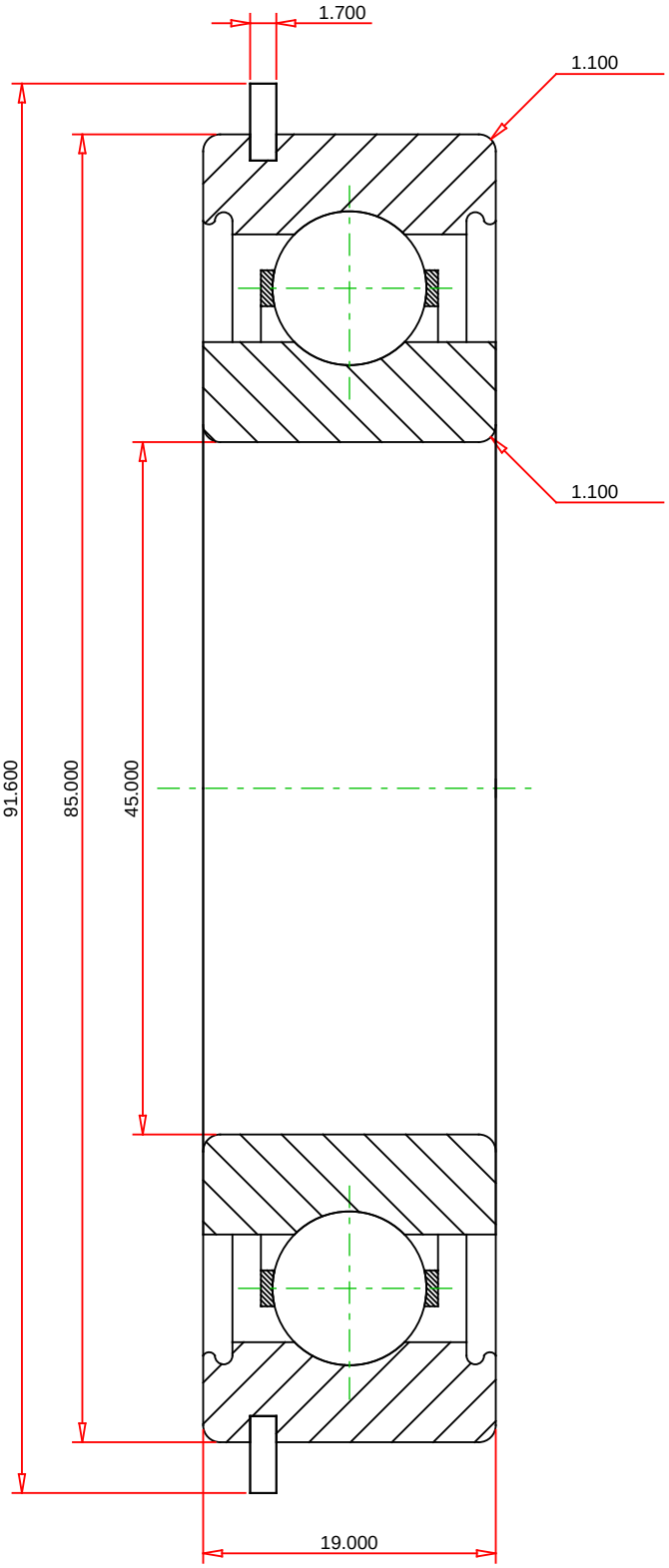
Radius Rs min	1.100 mm
Snap Ring Diameter D2 max	91.600 mm
Snap Ring Width f max	1.700 mm

Basic Load Ratings

Cr - Dynamic Load Rating	31.2 kN
C0r - Static Load Rating	20.3 kN

Factors

Grease Reference Speed	8200 rpm
Oil Reference Speed	12000 rpm



METRIC UNITS

Weight	0.42	kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

6209-NR-C3
Deep Groove Ball Bearings (6000, 6200, 6300, 6400)

Dynamic Load Rating	31700	N
Static Load Rating	20500	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