The Timken Company
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Part Number 6412-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	60 mm
Features	Open
Bearing Type	Standard DGBB
Weight	2.730 Kg

Dimensions

Outside Diameter D	150.000 mm
Outside Ring Width B	35.000 mm

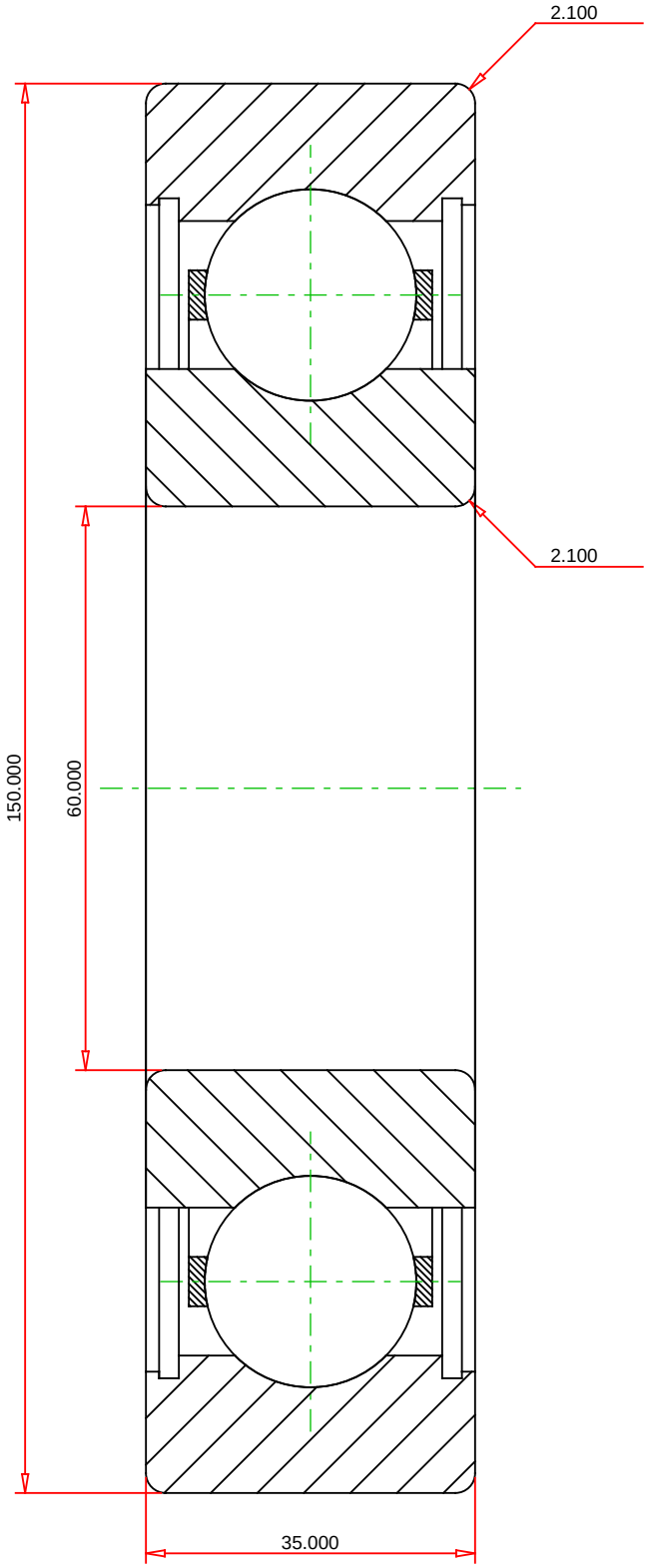
Radius Rs min	2.100 mm

Basic Load Ratings

Cr - Dynamic Load Rating	109 kN
C0r - Static Load Rating	70.1 kN

Factors

Grease Reference Speed	6000 rpm
Oil Reference Speed	8600 rpm



METRIC UNITS

Weight	2.73	kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

6412-C3
Deep Groove Ball Bearings (6000, 6200, 6300, 6400)

Dynamic Load Rating	109000	N
Static Load Rating	70100	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