The Timken Company
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Part Number 6309-Z-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	One Shield With Snap Ring
Bearing Type	Standard DGBB
Weight	0.84 Kg

Dimensions

Outside Diameter D	100.000 mm
Outside Ring Width B	25.000 mm

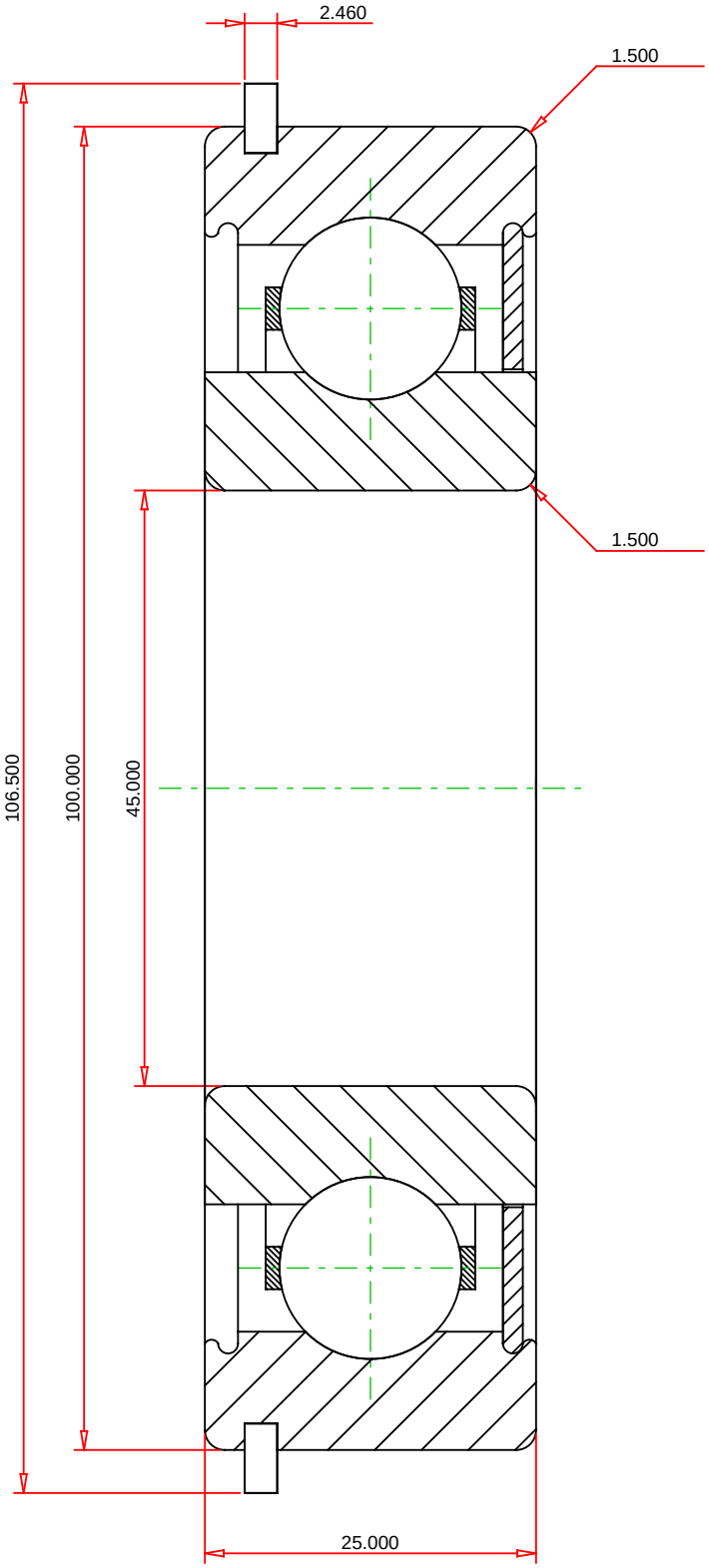
Radius Rs min	1.500 mm
Snap Ring Diameter D2 max	106.500 mm
Snap Ring Width f max	2.460 mm

Basic Load Ratings

Cr - Dynamic Load Rating	48.8 kN
C0r - Static Load Rating	29.3 kN

Factors

Grease Reference Speed	7800 rpm
Oil Reference Speed	11000 rpm



METRIC UNITS

Weight	0.84	kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

6309-Z-NR-C3
Deep Groove Ball Bearings (6000, 6200, 6300, 6400)

Dynamic Load Rating	48800	N
Static Load Rating	29300	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