



The Timken Company
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Part Number 6312-Z-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	One Shield
Bearing Type	Standard DGBB

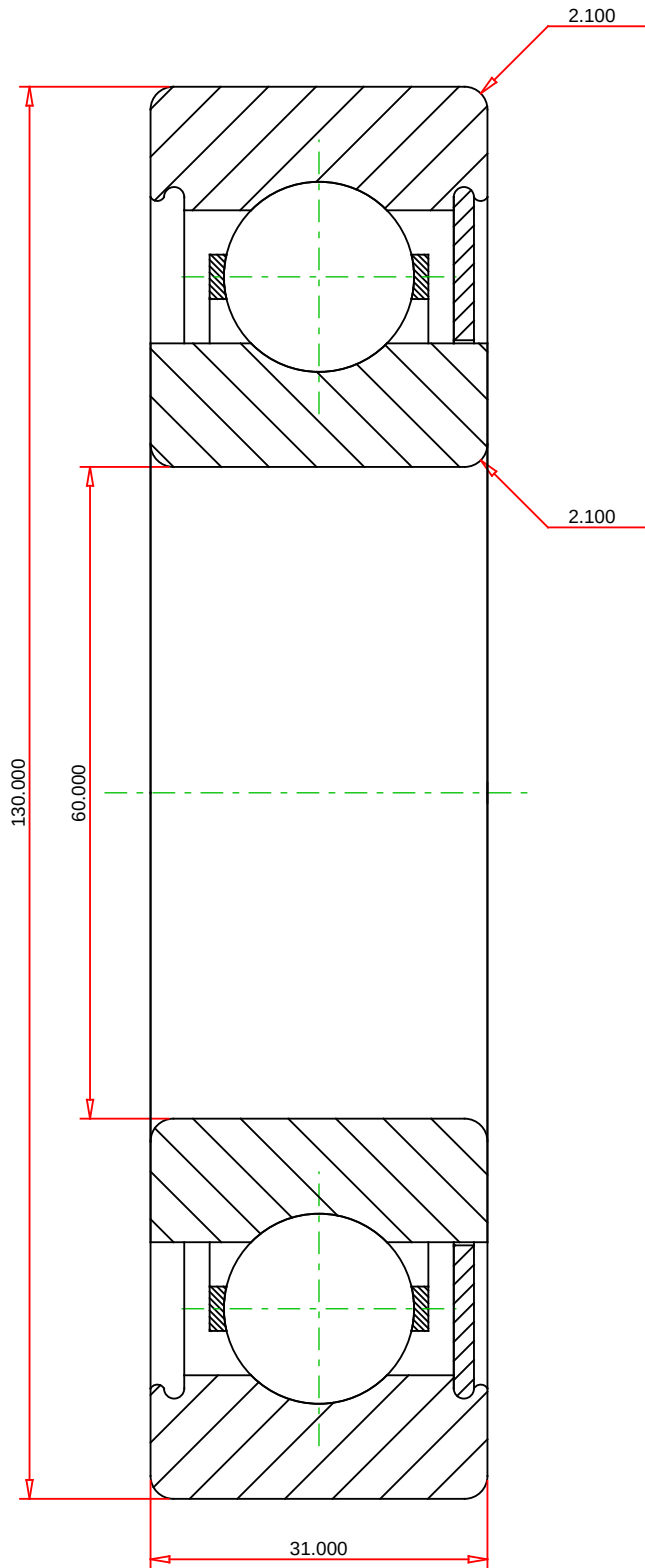
Dimensions	
Outside Diameter D	130 mm
Outside Ring Width B	31 mm
 Radius Rs min	2.1 mm

Basic Load Ratings

Cr - Dynamic Load Rating	81800 N
C0r - Static Load Rating	51800 N

Factors

Grease Reference Speed	6400 rpm
Oil Reference Speed	9100 rpm



METRIC UNITS

Weight 1.7 kg

TIMKEN®

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Static Load Rating	51800	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