



**The Timken Company**  
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Part Number 6309-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.



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Specifications	
Clearance	C3
Bore Size d	45 mm
Features	Open
Bearing Type	Standard DGBB

Dimensions	
Outside Diameter D	100 mm
Outside Ring Width B	25 mm
 Radius Rs min	1.5 mm

## Basic Load Ratings



<b>Cr - Dynamic Load Rating</b>	48800 N
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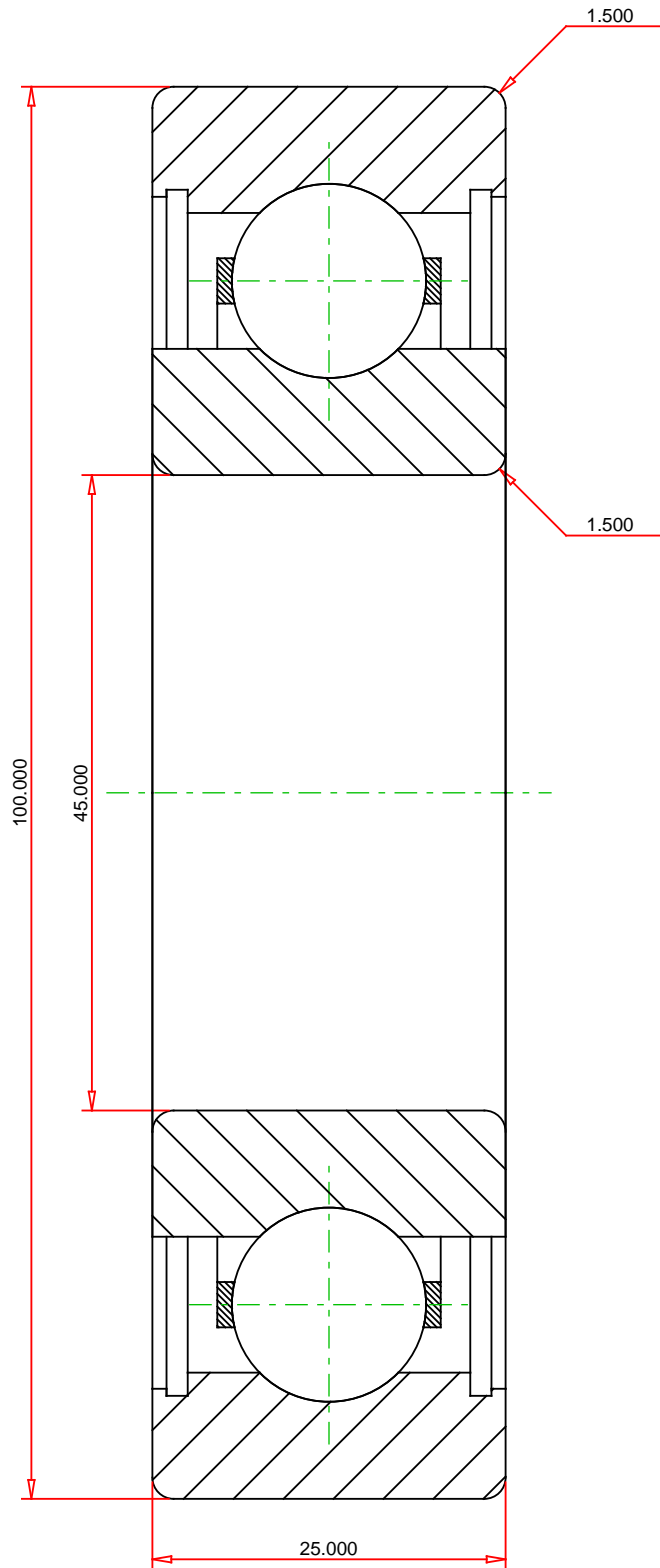
<b>C0r - Static Load Rating</b>	29300 N
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## Factors



<b>Grease Reference Speed</b>	7800 rpm
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<b>Oil Reference Speed</b>	11000 rpm
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## METRIC UNITS

Weight 0.84 kg

**TIMKEN®**

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NORTH CANTON, OHIO USA

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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**