



**The Timken Company**

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## Part Number 6004-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.



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### Specifications

Clearance	C3
Bore Size d	20.000 mm
Features	One Shield
Bearing Type	Standard DGBB
Weight	0.070 Kg
Manufacturing Part Number	6004ZC3

### Dimensions



Outside Diameter D

42.000 mm

Outside Ring Width B	12.000 mm
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Radius Rs min	0.600 mm
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## Basic Load Ratings

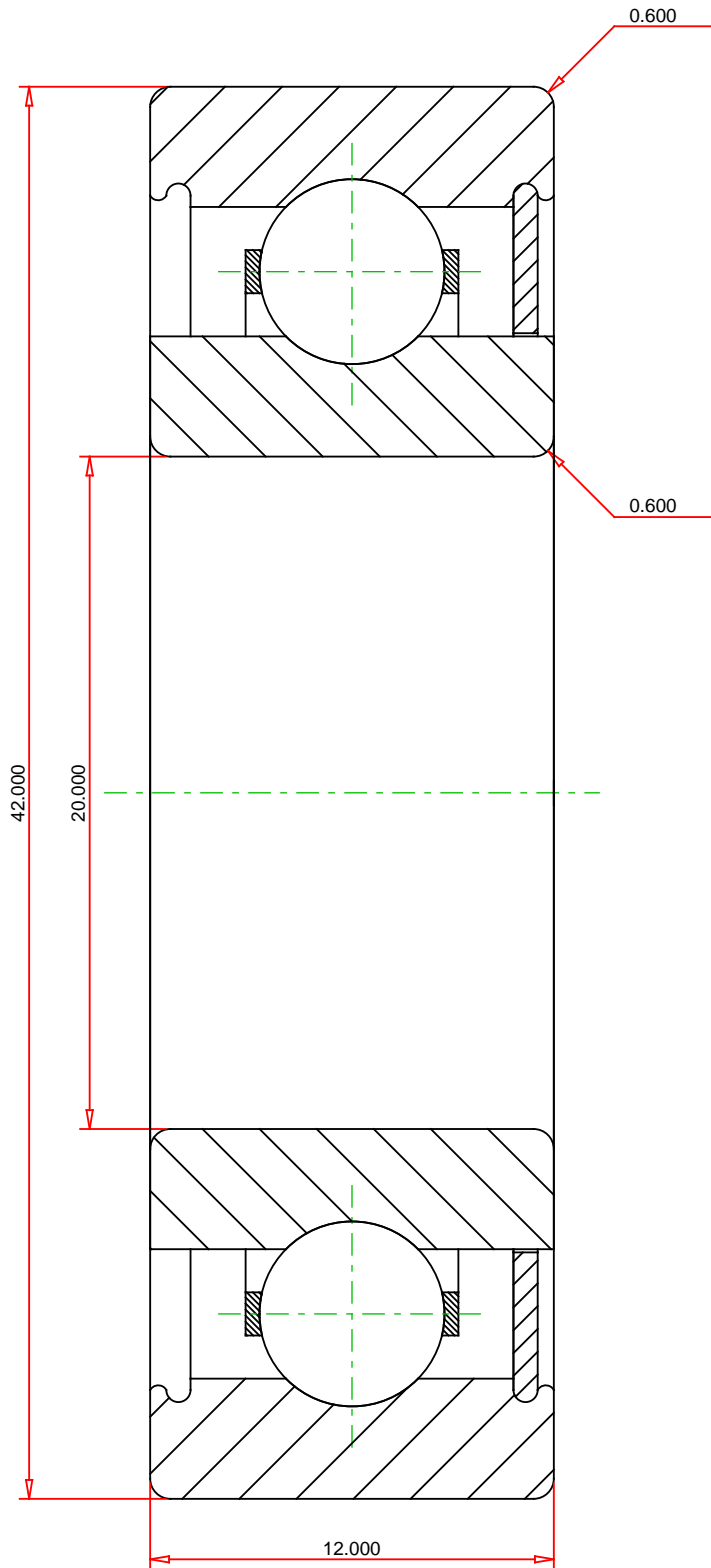
Cr - Dynamic Load Rating	9.4 kN
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C0r - Static Load Rating	5 kN
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## Factors

Grease Reference Speed	17000 rpm
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Oil Reference Speed	25000 rpm
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**METRIC UNITS**

Weight 0.07 kg

**TIMKEN**®

**THE TIMKEN COMPANY**  
NORTH CANTON, OHIO USA

**6004-Z-C3**  
Deep Groove Ball Bearings (6000, 6200, 6300, 6400)

Dynamic Load Rating 9400 N  
Static Load Rating 5000 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**