



The Timken Company

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Part Number 6004, 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	C0 (Normal)
Bore Size d	20.000 mm
Features	Open
Bearing Type	Standard DGBB
Weight	0.070 Kg

Dimensions

Outside Diameter D	42.000 mm
Outside Ring Width B	12.000 mm



Radius Rs min	0.600 mm
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Basic Load Ratings

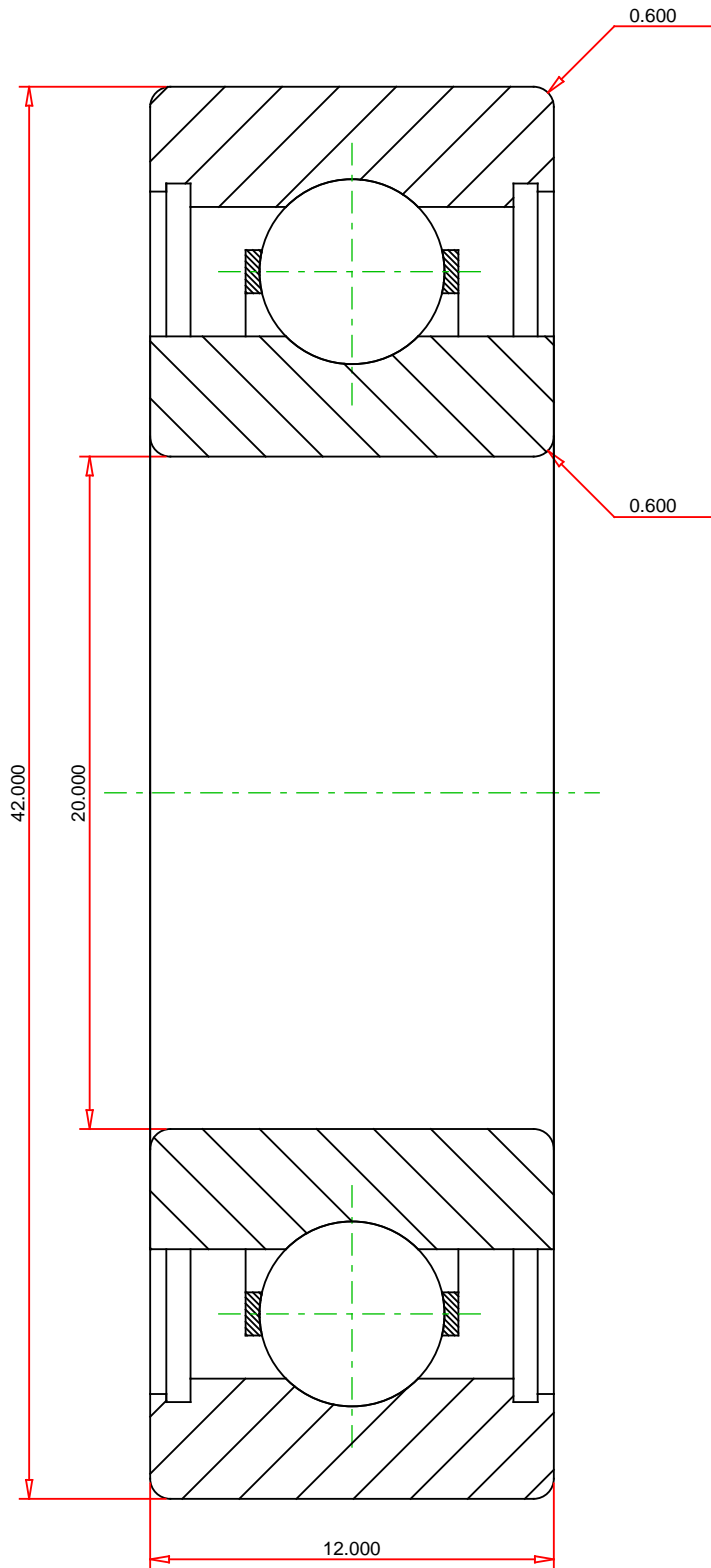
Cr - Dynamic Load Rating	9.4 kN
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C0r - Static Load Rating	5 kN
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Factors

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
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