



The Timken Company

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Part Number 6003-2RS, 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	17.000 mm
Features	Contact Seals
Bearing Type	Standard DGBB
Weight	0.040 Kg

Dimensions

Outside Diameter D	35.000 mm
Outside Ring Width B	10.000 mm



Radius Rs min	0.300 mm
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Basic Load Ratings

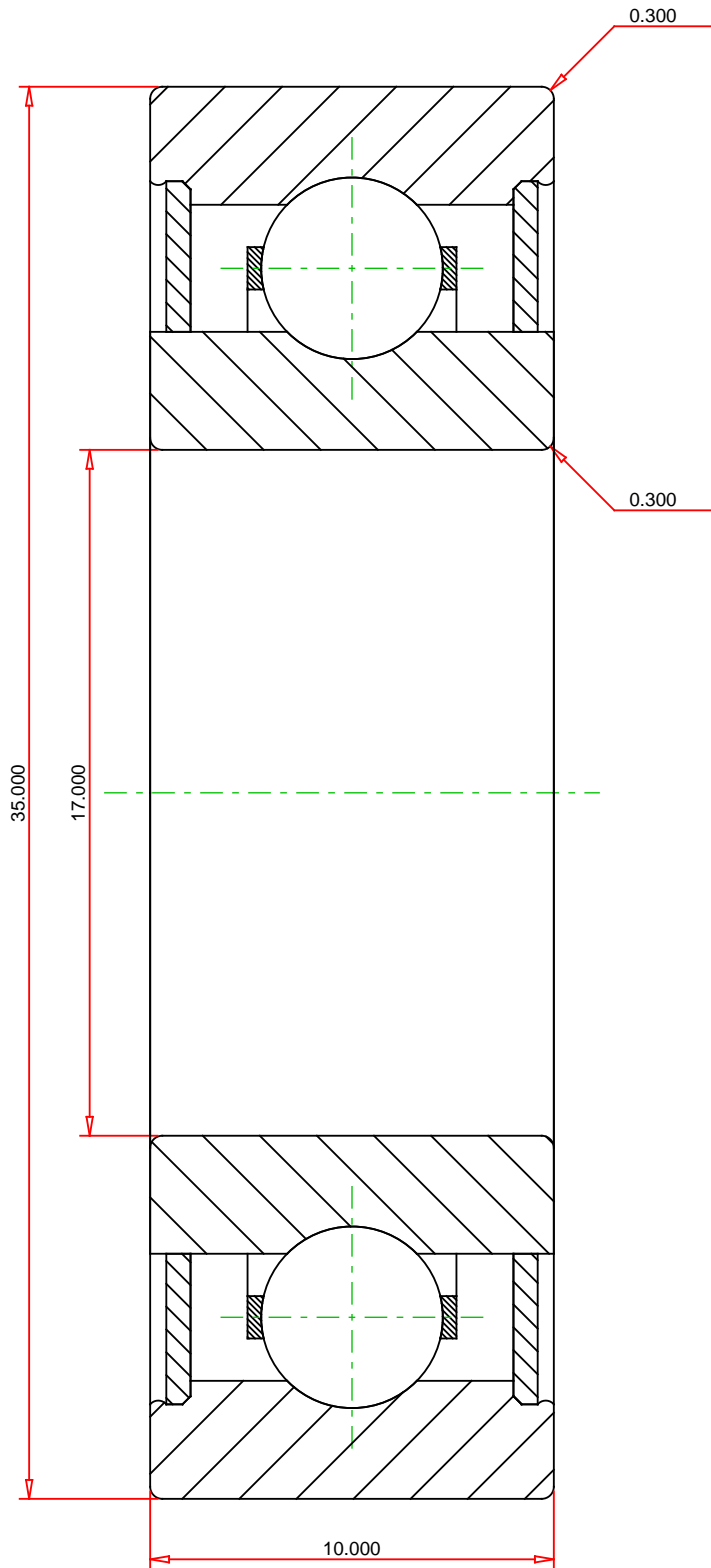
Cr - Dynamic Load Rating	6 kN
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C0r - Static Load Rating	3.3 kN
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Factors

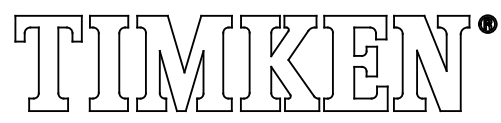
Grease Reference Speed	19000 rpm
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Oil Reference Speed	28000 rpm
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METRIC UNITS

Weight 0.04 kg



THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

6003-2RS
Deep Groove Ball Bearings (6000, 6200, 6300, 6400)

Dynamic Load Rating 6000 N
Static Load Rating 3300 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