


The Timken Company

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Part Number 6003-RS, 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 mm
Features	One Contact Seal
Bearing Type	Standard DGBB

Dimensions

Outside Diameter D	35 mm
Outside Ring Width B	10 mm
Radius Rs min	0.3 mm



Basic Load Ratings

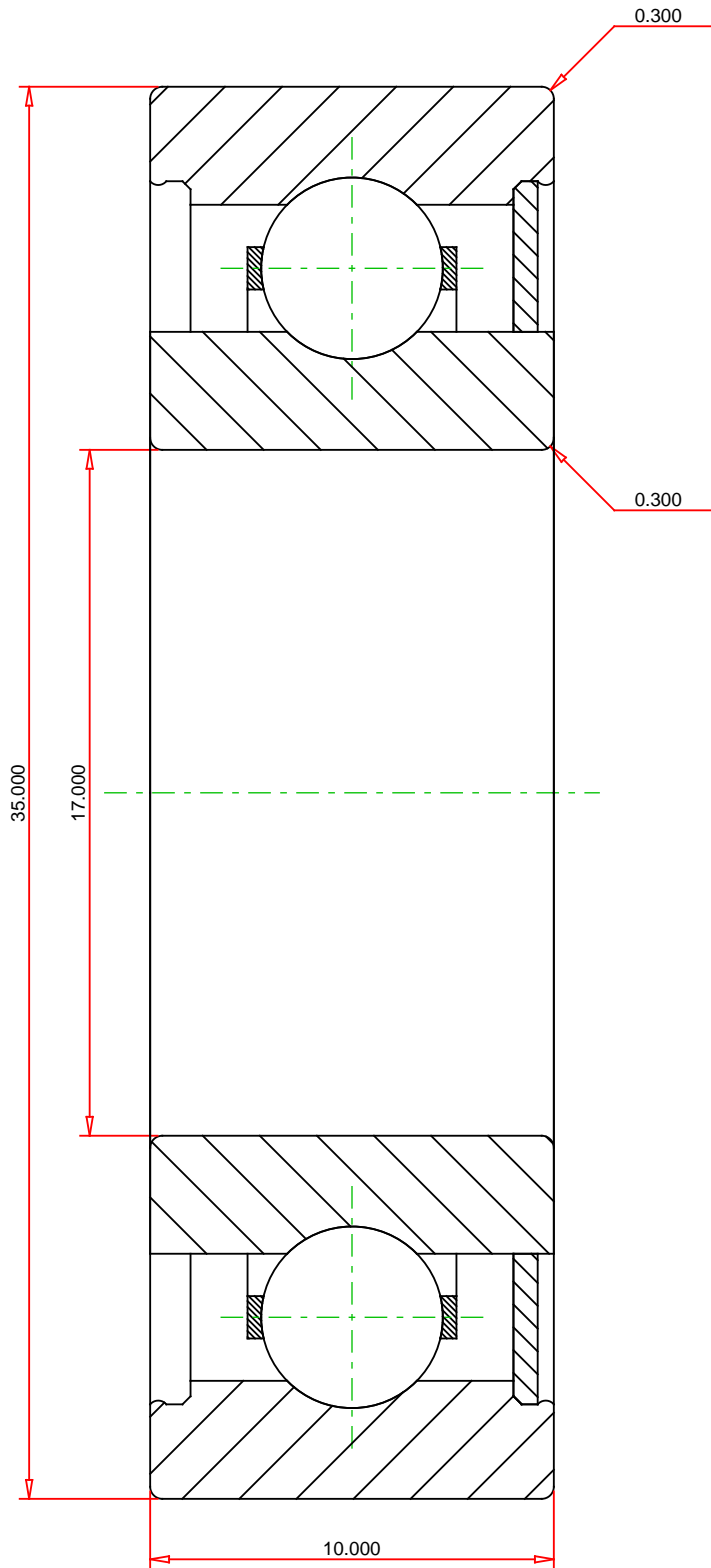
Cr - Dynamic Load Rating	6000 N
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C0r - Static Load Rating	3300 N
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Factors

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

Weight 0.04 kg

TIMKEN®

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NORTH CANTON, OHIO USA

6003-RS
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