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## Timken Part Number 6003-ZZ-C3, Deep Groove Ball Bearings (6000, 6200, 6300, 6400)

Deep groove ball bearings are available in a variety of sizes and are the most popular of the rolling bearings. This type of bearing supports radial load and a small degree of axial load in both directions simultaneously. Deep groove ball bearings are popular due to their versatility, affordability, and capability to run at high speeds. Most bearings in the 6000 series up to 60mm bore can be made available in stainless steel (AISI 440C material) upon request. Contact a

[more](#)


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### Specifications

Clearance	C3
Bore Size d	17 mm
Features	Shields
Bearing Type	Standard DGBB
Weight	0.040 Kg

### Dimensions

Outside Diameter D	35.000 mm
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Outside Ring Width B	10.000 mm
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Radius Rs min	0.300 mm
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## Basic Load Ratings

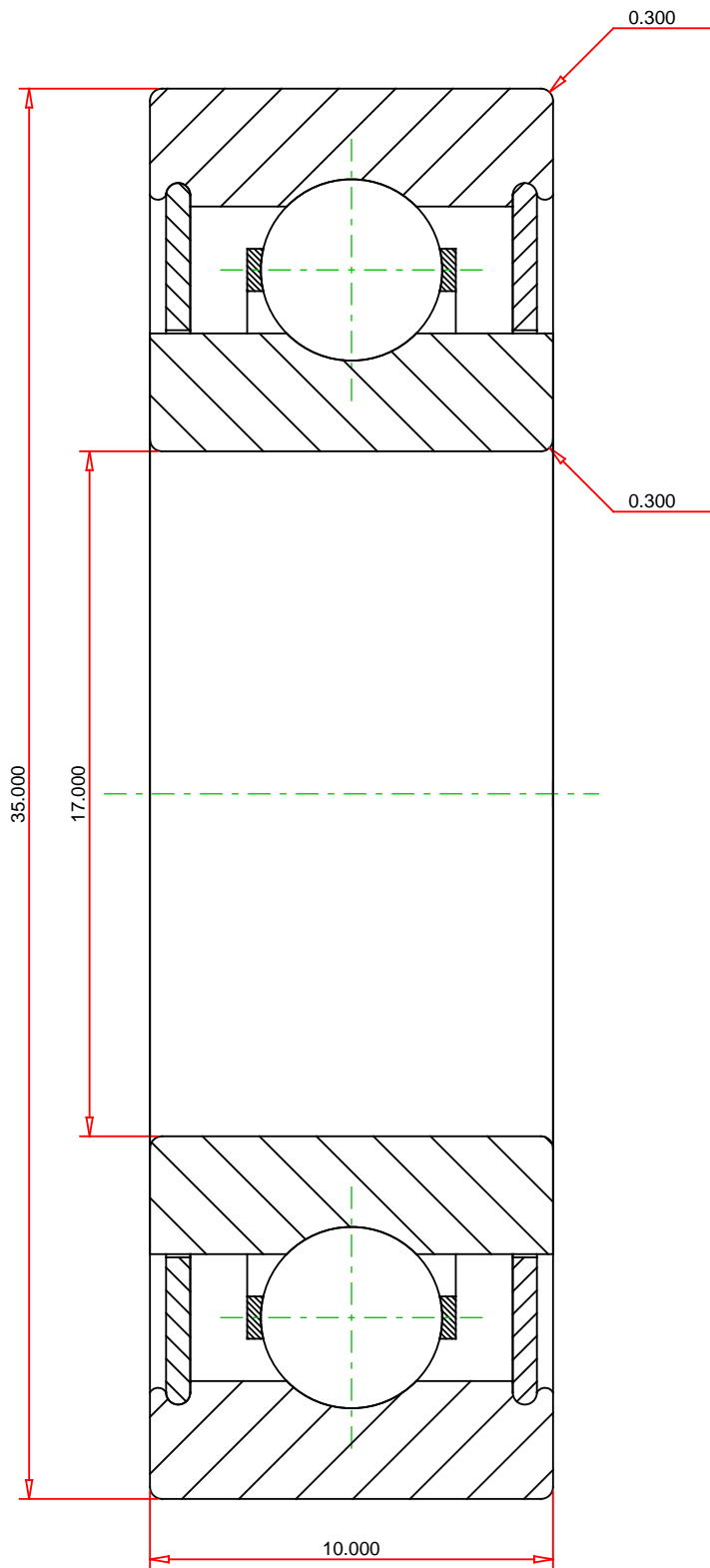
Cr - Dynamic Load Rating	6 kN
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C0r - Static Load Rating	3.3 kN
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## Factors

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

Weight 0.04 kg

**TIMKEN®**

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

**6003-ZZ-C3**  
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**