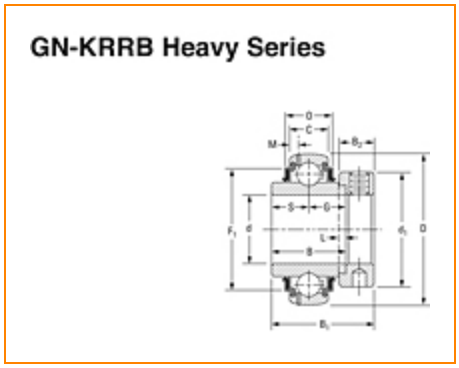
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# Part Number GN303KRRB, Fafnir® Eccentric Locking Collar Ball Bearings






Specifications | Dimensions | Basic Load Ratings

## Specifications

| | |
|---|---|
| **Manufacturing Part Number** | GN303KRRB + COL |
| **Shaft Size d** | 3 3/16 in<br>81 mm |
| **Bore Type** | Cylindrical bore |
| **Bearing Type** | Ball Bearing |
| **Material** | Bearing Steel |
| **Lubrication Type** | Relubricatable |
| **O.D. Type** | Spherical OD |
| **Series** | Medium-Duty |
| **Weight** | 0.50 lb<br>0.2 Kg |
| **Sub Series** | GN..KRRB |

| | |
|---|---|
| **Seal Type** | Shroud Seal |

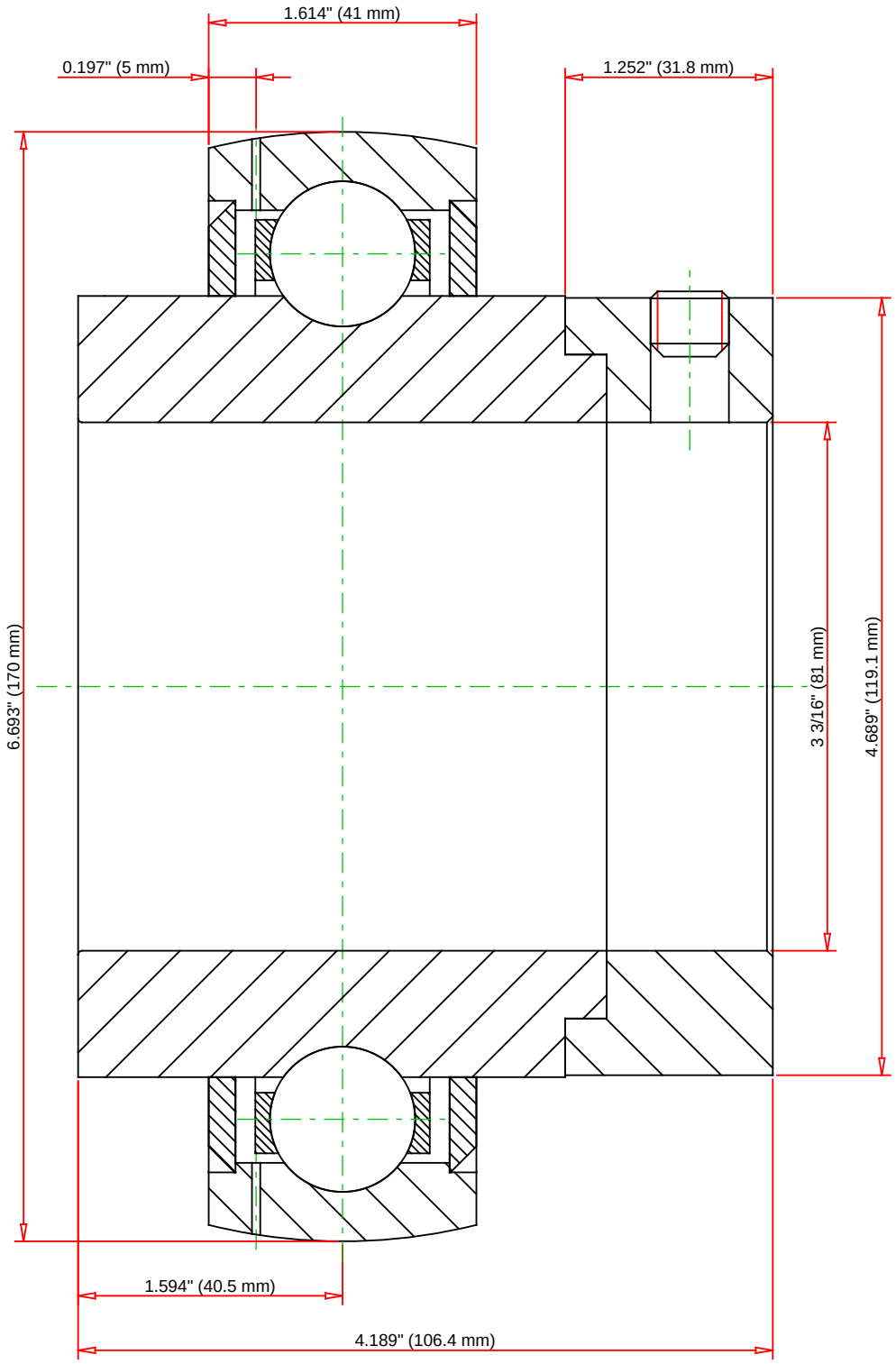
## Dimensions

| | |
|---|---|
| **Outside Diameter D** | 6.693 in<br>170.000 mm |
| **Inner Ring Width B** | 80.96 mm<br>3.187 in |
| **Outside Ring Width C** | 41.000 mm<br>1.614 in |
| **Radius r** | 0.6 mm<br>0.024 in |
| **Center of Bearing from End S** | 40.5 mm<br>1.594 in |
| **Dimension S1** | 65.9 mm<br>2.594 in |
| **Set Screw Size** | M12x1.75 |
| **Number of Set Screws** | 2 |
| **Angle between Set Screws** | 90 ° |
| **Dimension d1** | 4.689 in<br>119.1 mm |
| **Dimension M** | 0.286 in<br>7.26 mm |
| **Dimension B1** | 4.189 in<br>106.4 mm |
| **Dimension B2** | 1.252 in<br>31.8 mm |

## Basic Load Ratings

| | |
|---|---|
| **Static Load Rating** | 19400 lbf<br>86500 N |

| | |
|---|---|
| | 86500 N |
| **Dynamic Load Rating** | 30700 lbf<br>136300 N |




| | | |
|---|---|---|
| Weight | 0.5 lb | 0.2 kg |

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

# GN303KRRB

Fafnir® Eccentric Locking Collar Ball Bearings

| | | |
|---|---|---|
| Static Load Rating | 19400 lbf | 86500 N |
| Dynamic Load Rating | 30700 lbf | 136300 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