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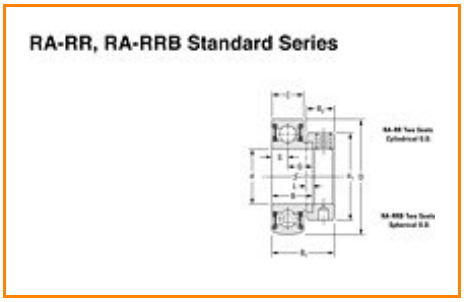
# Timken Part Number RAE30RRB, Fafnir® Eccentric Locking Collar Ball Bearings






Specifications | Dimensions | Basic Load Ratings

## Specifications

| | |
|---|---|
| **Bore Size d** | 1.181 in<br>30 mm |
| **Bore Type** | Cylindrical bore |
| **Bearing Type** | Ball Bearing |
| **Seal Type** | Molded Shroud |
| **Material** | Bearing Steel |
| **Lubrication Type** | Non-Relubricatable |
| **O.D. Type** | Spherical OD |
| **Dimension B1** | 1.406 in<br>35.7 mm |
| **Dimension B2** | 0.626 in<br>15.9 mm |

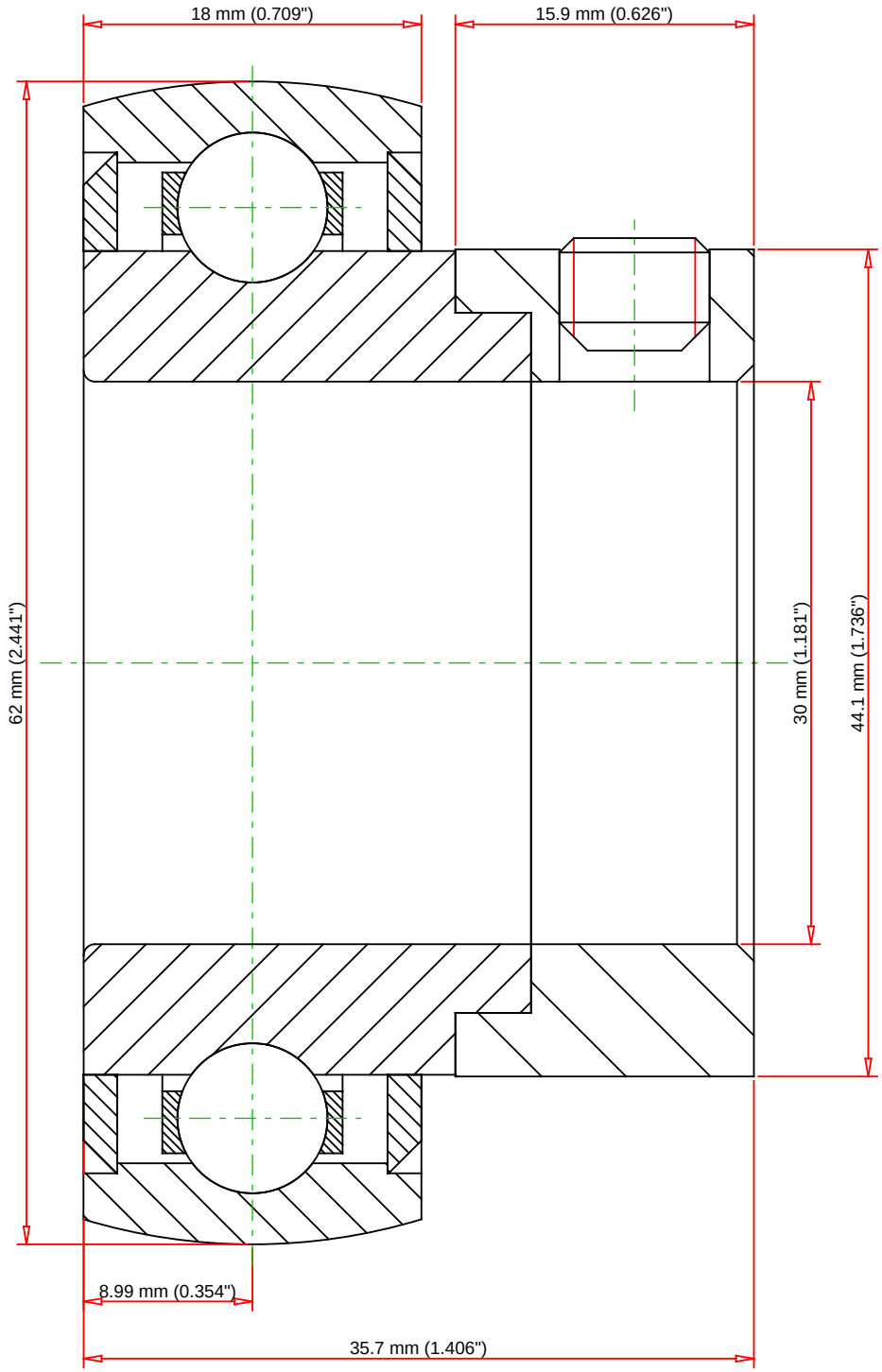
| | |
|---|---|
| **Series** | Standard |
| **Weight** | 0.500 lb<br>0.200 Kg |
| **Sub Series** | RAE..RRB |

## Dimensions

| | |
|---|---|
| **Outside Diameter D** | 2.441 in<br>62.000 mm |
| **Inside Ring Width B** | 23.83 mm<br>0.938 in |
| **Outside Ring Width C** | 18.000 mm<br>0.709 in |
| **Radius r** | 0.6 mm<br>0.024 in |
| **Center of Bearing from End S** | 8.99 mm<br>0.354 in |
| **Dimension S1** | 26.71 mm<br>1.052 in |
| **Set Screw Size** | M8X1.25 |
| **Number of Set Screws** | 2 |
| **Angle between Set Screws** | 90 º |

## Basic Load Ratings

| | |
|---|---|
| **Static Load Rating** | 2500 lbf<br>11100 N |
| **Dynamic Load Rating** | 4900 lbf<br>21800 N |




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

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

# RAE30RRB

Fafnir® Eccentric Locking Collar Ball Bearings

| | | |
|---|---|---|
| Basic Load Ratings - $C_r$ | 4900 lbf | 21800 N |
| Load Ratings - $C_{0r}$ | 2500 lbf | 11100 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