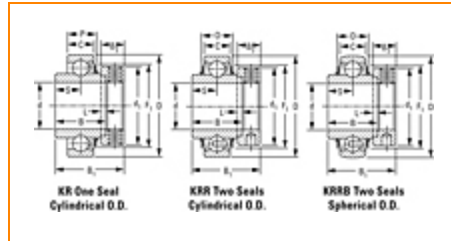




**The Timken Company**  
 4500 Mt Pleasant St. NW  
 N. Canton, OH 44720  
**Phone:** (234) 262-3000

**E-Mail:** [CustomerCAD@timken.com](mailto:CustomerCAD@timken.com) • **Web site:** [www.timken.com](http://www.timken.com)

## Part Number 1103KRR3, Fafnir® Eccentric Locking Collar Ball Bearings



[Specifications](#) | [Dimensions](#) | [Basic Load Ratings](#)

### Specifications

|                                  |                     |
|----------------------------------|---------------------|
| <b>Manufacturing Part Number</b> | 1103KRR3 + COL      |
| <b>Shaft Size d</b>              | 1 1/4 in<br>31.8 mm |
| <b>Bore Type</b>                 | Cylindrical bore    |
| <b>Bearing Type</b>              | Ball Bearing        |
| <b>Material</b>                  | Bearing Steel       |
| <b>Lubrication Type</b>          | Non-Relubricatable  |
| <b>O.D. Type</b>                 | Cylindrical OD      |
| <b>Series</b>                    | Industrial          |
| <b>Weight</b>                    | 0.50 lb<br>0.2 Kg   |
| <b>Sub Series</b>                | 1..KRR              |

## Seal Type

Shroud Seal

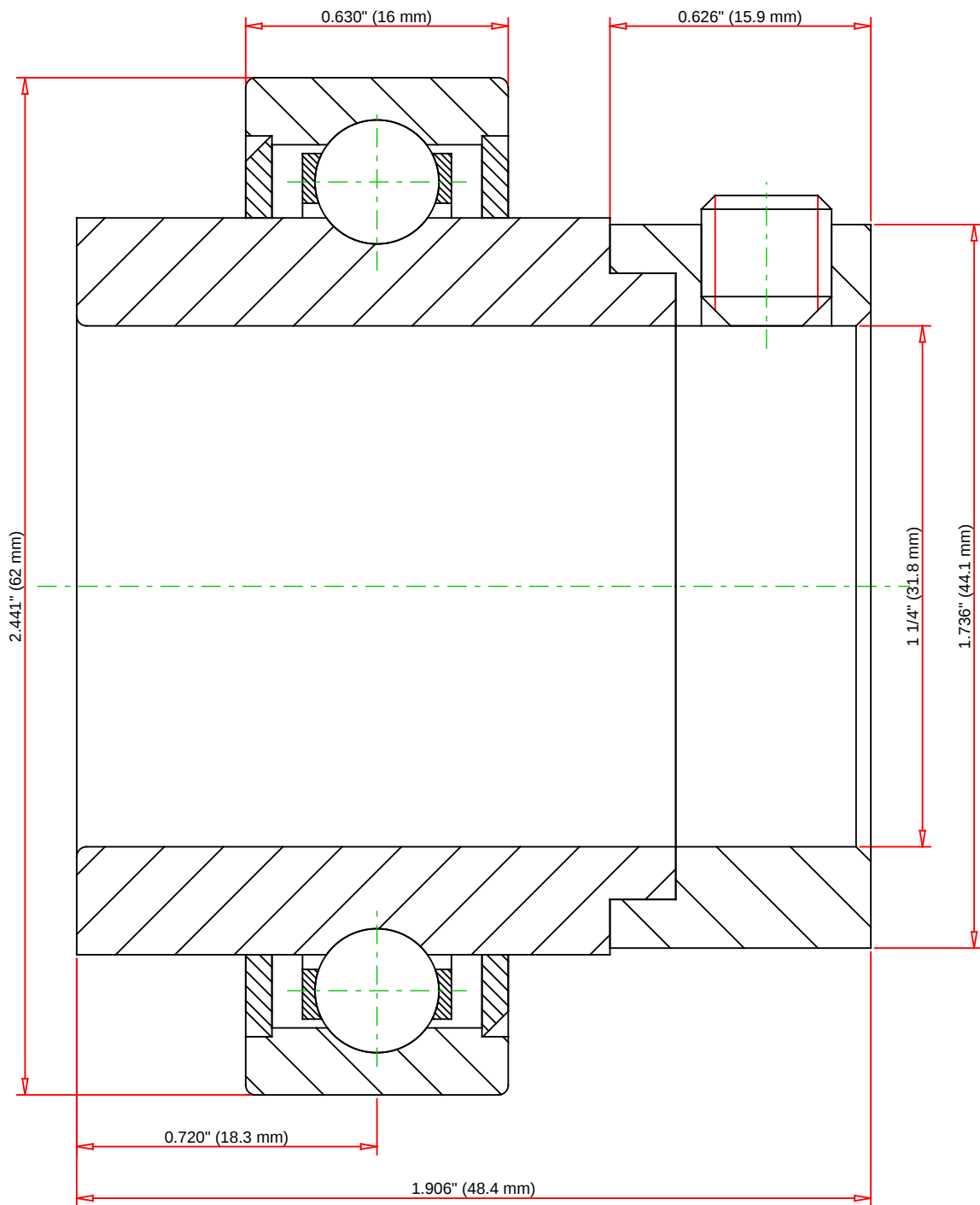
## Dimensions

|                              |                       |
|------------------------------|-----------------------|
| Outside Diameter D           | 2.441 in<br>62.000 mm |
| Inner Ring Width B           | 36.51 mm<br>1.437 in  |
| Outside Ring Width C         | 16.000 mm<br>0.630 in |
| Radius r                     | 0.6 mm<br>0.024 in    |
| Center of Bearing from End S | 18.3 mm<br>0.720 in   |
| Dimension S1                 | 30.1 mm<br>1.185 in   |
| Set Screw Size               | 5/16-18               |
| Number of Set Screws         | 2                     |
| Angle between Set Screws     | 90 °                  |
| Dimension d1                 | 1.736 in<br>44.1 mm   |
| Dimension B1                 | 1.906 in<br>48.4 mm   |
| Dimension B2                 | 0.626 in<br>15.9 mm   |

## Basic Load Ratings

|                     |                     |
|---------------------|---------------------|
| Static Load Rating  | 2530 lbf<br>11300 N |
| Dynamic Load Rating | 4850 lbf<br>21700 N |

21600 IN



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

**TIMKEN®**

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

**1103KRR3**

Fafnir® Eccentric Locking Collar Ball Bearings

|                     |          |         |
|---------------------|----------|---------|
| Static Load Rating  | 2530 lbf | 11300 N |
| Dynamic Load Rating | 4850 lbf | 21600 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**