


**The Timken Company**

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## Part Number GVFD1, Fafnir® Three-Bolt Flanged Mounted Bearings Eccentric Locking Collar


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### Specifications

|                             |                          |
|-----------------------------|--------------------------|
| <b>Series</b>               | Medium-Duty              |
| <b>Shaft Size d</b>         | 1 in                     |
| <b>Bearing Number</b>       | GRA100RRB                |
| <b>Housing Construction</b> | Three-Bolt Square Flange |
| <b>Alternate Part Name</b>  | GVFD1                    |

### Dimensions

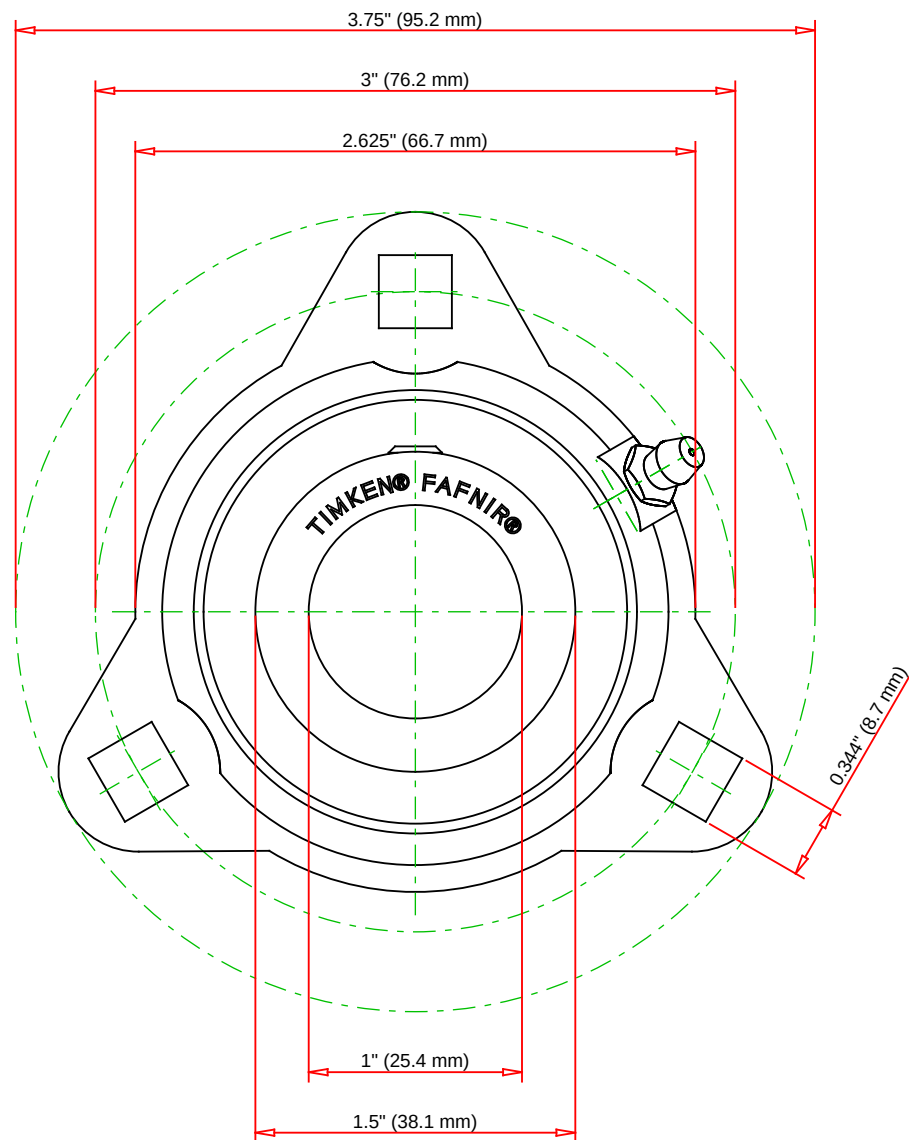
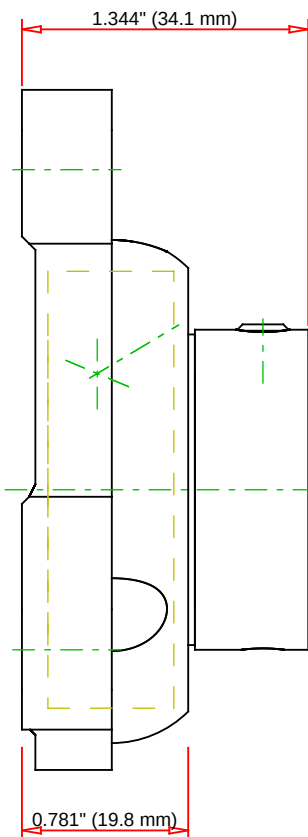
|                                                                                                           |                     |
|-----------------------------------------------------------------------------------------------------------|---------------------|
| <b>Total Length H</b>                                                                                     | 95.2 mm<br>3.75 in  |
|  <b>Housing Width A</b> | 19.8 mm<br>0.781 in |

|                     |                      |
|---------------------|----------------------|
| Flange Thickness A1 | 10.7 mm<br>0.422 in  |
| Bolt Hole Spacing   | 76.2 mm<br>3 in      |
| Bolt Hole Size N    | 8.7 mm<br>0.344 in   |
| Dimension B1        | 31 mm<br>1.22 in     |
| Dimension S1        | 23.51 mm<br>0.926 in |
| Dimension E         | 34.1 mm<br>1.344 in  |
| Dimension d1        | 38.1 mm<br>1.5 in    |
| Bolt Size           | M12                  |

Basic Load Ratings



|                     |                     |
|---------------------|---------------------|
| Static Load Rating  | 7800 N<br>1750 lbf  |
| Dynamic Load Rating | 15500 N<br>3490 lbf |



|                                |           |     |       |    |
|--------------------------------|-----------|-----|-------|----|
| Bearing Number                 | GRA100RRB |     |       |    |
| Load Ratings - C <sub>r</sub>  | 3490      | lbf | 15500 | N  |
| Load Ratings - C <sub>0r</sub> | 1750      | lbf | 7800  | N  |
| Weight                         | 0.85      | lb  | 0.386 | kg |
|                                |           |     |       |    |

**TIMKEN®**

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NORTH CANTON, OHIO USA

**GVFD1**

Fafnir® Three-Bolt Flanged Mounted Bearings  
Eccentric Locking Collar

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**