



**The Timken Company**

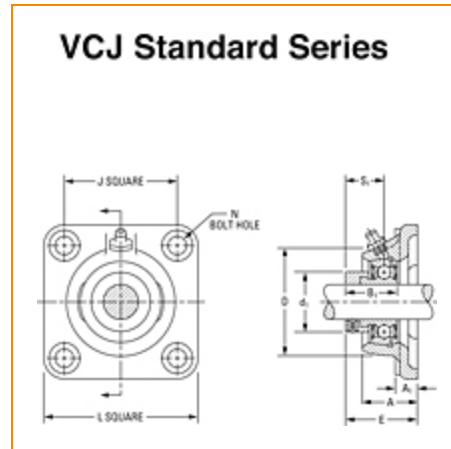
4500 Mt Pleasant St. NW

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 VCJ1 1/2, Fafnir® Four-Bolt Flanged Mounted Bearings Eccentric Locking Collar



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

### Specifications

<b>Series</b>	Standard
<b>Shaft Size d</b>	1 1/2 in
<b>Bearing Number</b>	GRA108RRB
<b>Seal Type</b>	Molded Shroud
<b>Housing Construction</b>	Four-Bolt Square Flange
<b>Alternate Part Name</b>	VCJ11/2

### Dimensions



**Total Length L** 130.2 mm  
5.126 in

**Housing Width A** 38.1 mm  
1.5 in

**Flange Thickness A1** 14.3 mm  
0.563 in

**Bolt Hole Spacing** 101.6 mm  
4 in

**Bolt Hole Size N** 12 mm  
0.472 in

**Center of Bearing from Housing End A2** 25.8 mm  
1.016 in

**Dimension B1** 43.7 mm  
1.72 in

**Dimension S1** 32.7 mm  
1.287 in

**Dimension D** 98.4 mm  
3.874 in

**Dimension E** 58.3 mm  
2.295 in

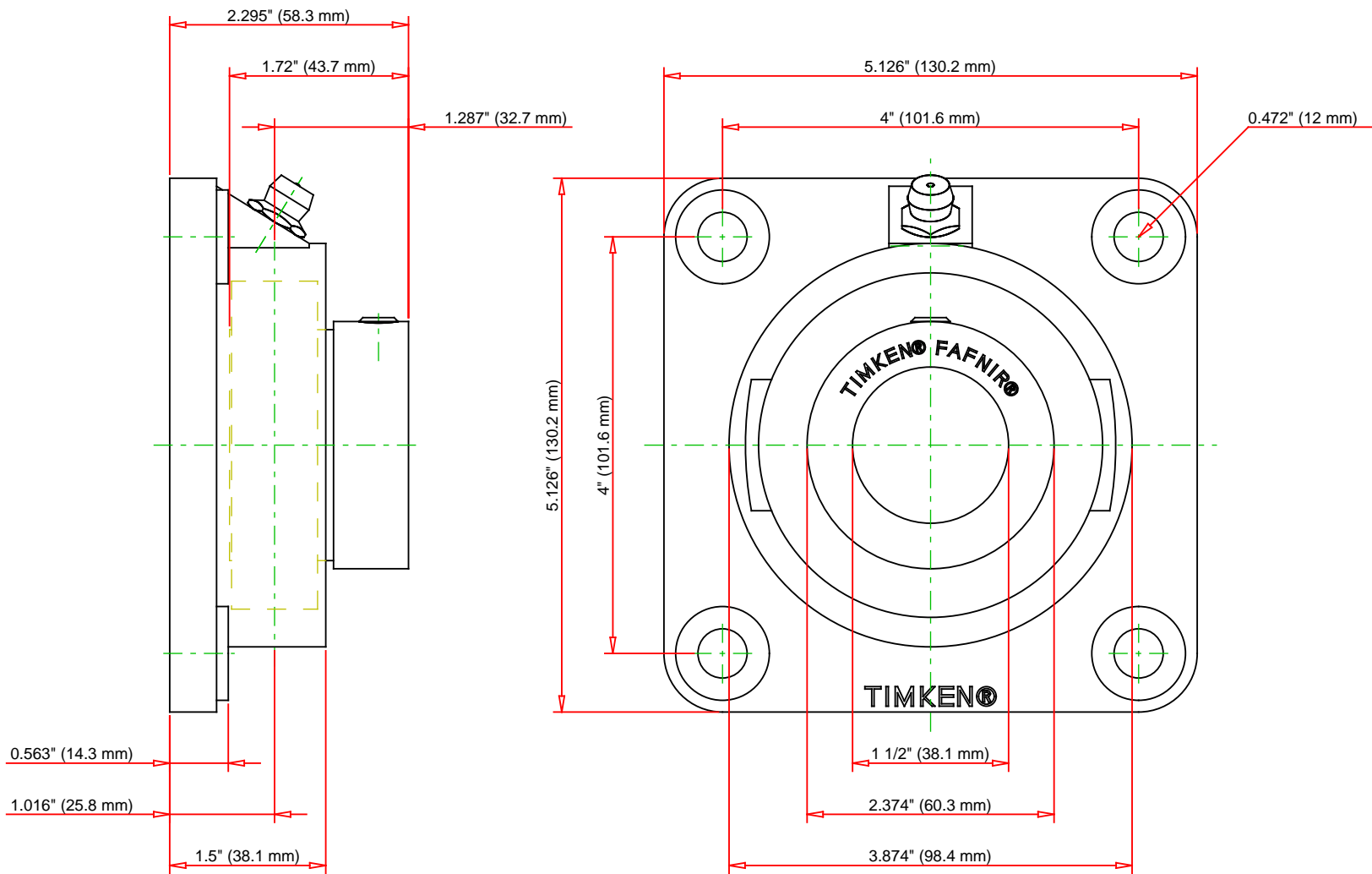
**Dimension d1** 60.3 mm  
2.374 in

**Bolt Size** M12

## Basic Load Ratings

**Static Load Rating** 19800 N  
4460 lbf

**Dynamic Load Rating** 36200 N  
8130 lbf



Bearing Number	GRA108RRB			
Load Ratings - C <sub>r</sub>	8130	lbf	36200	N
Load Ratings - C <sub>0r</sub>	4460	lbf	19800	N
Weight	4.8	lb	2.175	kg

**TIMKEN®**

THE TIMKEN COMPANY  
NORTH CANTON, OHIO USA

**VCJ1 1/2**

Fafnir® Four-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**