



**The Timken Company**

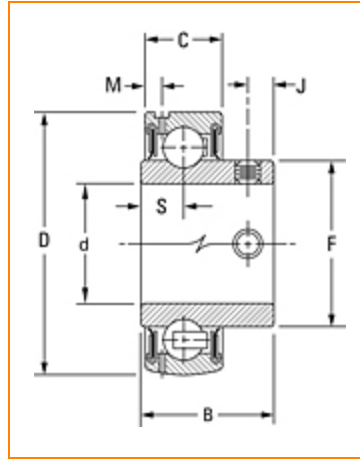
4500 Mt Pleasant St. NW

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 GYA100RRB, Fafnir® Wide Inner Ring Setscrew Locking Ball Bearings



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

### Specifications

Shaft Size d	1 in 25.4 mm
Bore Type	Cylindrical bore
Bearing Type	Ball Bearing
Material	Bearing Steel
Lubrication Type	Relubricatable
O.D. Type	Spherical OD
Dimension M	0.142 in 3.61 mm
Series	Standard
Weight	0.50 lb 0.2 Kg

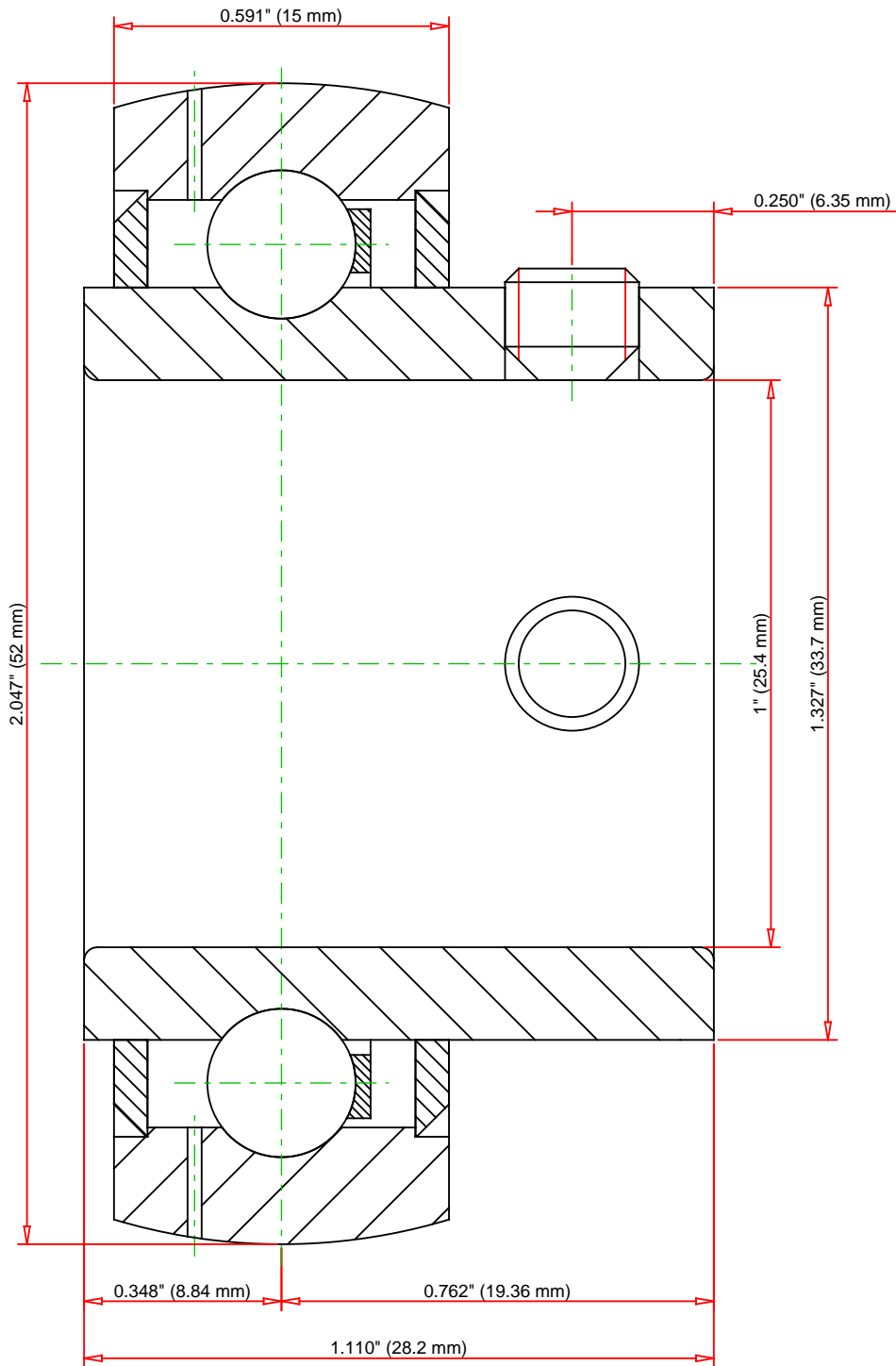
<b>Sub Series</b>	GYA..RRB
<b>Seal Type</b>	Narrow Shroud

## Dimensions

<b>Outside Diameter D</b>	2.047 in 52.000 mm
<b>Inner Ring Width B</b>	28.2 mm 1.110 in
<b>Outside Ring Width C</b>	15.000 mm 0.591 in
<b>Radius r</b>	0.6 mm 0.024 in
<b>Center of Bearing from End S</b>	8.84 mm 0.348 in
<b>Dimension S1</b>	19.36 mm 0.762 in
<b>Set Screw Distance S2</b>	6.35 mm 0.250 in
<b>Set Screw Size</b>	M6x1
<b>Number of Set Screws</b>	2
<b>Angle between Set Screws</b>	90 °

## Basic Load Ratings

<b>Static Load Rating</b>	1750 lbf 7800 N
<b>Dynamic Load Rating</b>	3490 lbf 15500 N



Weight	0.5 lb	0.2 kg	<div>TIMKEN®</div> <div>THE TIMKEN COMPANY</div> <div>NORTH CANTON, OHIO USA</div>	<div>GYA100RRB</div> <div>Fafnir® Wide Inner Ring Setscrew Locking Ball Bearings</div>		
				Basic Load Ratings - C <sub>r</sub>		
				Load Ratings - C <sub>0r</sub>		
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