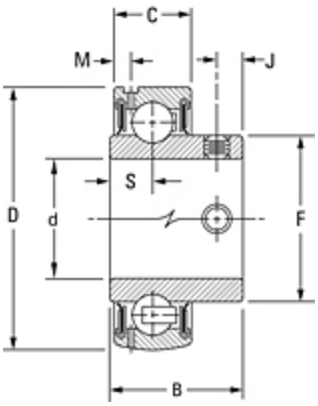
The Timken Company
4500 Mt Pleasant St. NW
N. Canton, OH 44720
Phone: (234) 262-3000
E-Mail: CustomerCAD@timken.com • **Web site:** www.timken.com

Part Number GYAE55RRB, Fafnir® Wide Inner Ring Setscrew Locking Ball Bearings





Specifications | Dimensions | Basic Load Ratings

Specifications

Shaft Size d	2.165 in 55 mm
Bore Type	Cylindrical bore
Bearing Type	Ball Bearing
Material	Bearing Steel
Lubrication Type	Relubricatable
O.D. Type	Spherical OD
Dimension M	0.193 in 4.9 mm
Series	Standard
Weight	0.50 lb 0.2 Kg

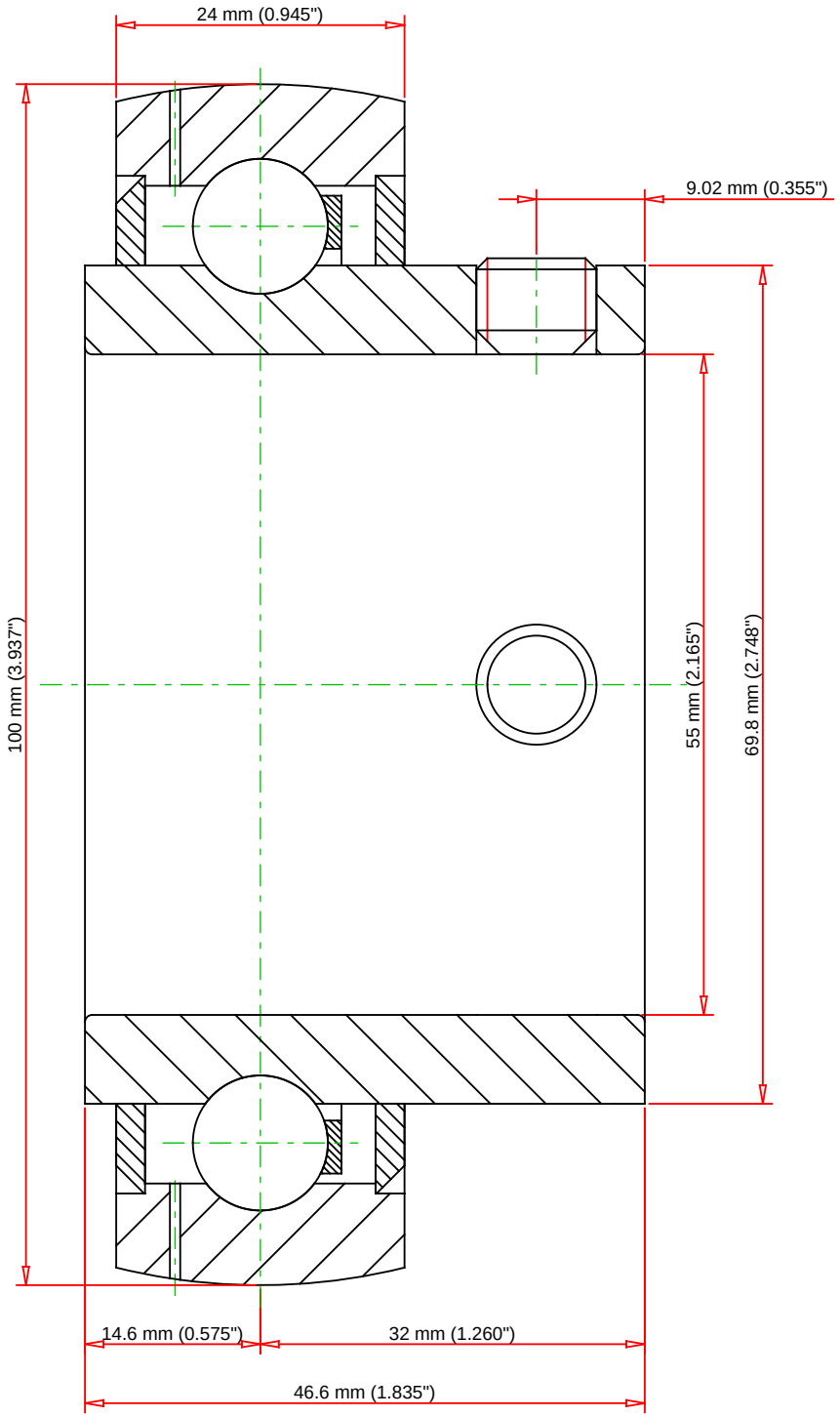
Sub Series	GYAE..RRB
Seal Type	Narrow Shroud

Dimensions

Outside Diameter D	3.937 in 100.000 mm
Inner Ring Width B	46.6 mm 1.835 in
Outside Ring Width C	24.000 mm 0.945 in
Radius r	0.6 mm 0.024 in
Center of Bearing from End S	14.6 mm 0.575 in
Dimension S1	32 mm 1.260 in
Set Screw Distance S2	9.02 mm 0.355 in
Set Screw Size	M10x1.5
Number of Set Screws	2
Angle between Set Screws	90 °

Basic Load Ratings

Static Load Rating	6570 lbf 29200 N
Dynamic Load Rating	10800 lbf 48100 N



Weight	0.5 lb	0.2 kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

GYAE55RRB

Fafnir® Wide Inner Ring Setscrew Locking Ball Bearings

Basic Load Ratings - C_r	10800 lbf	48000 N
Load Ratings - C_{0r}	6400 lbf	28500 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