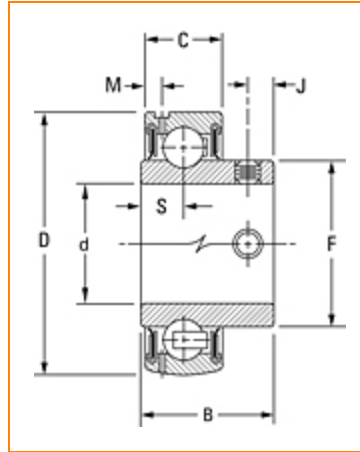


TIMKEN**The Timken Company**

4500 Mt Pleasant St. NW

N. Canton, OH 44720

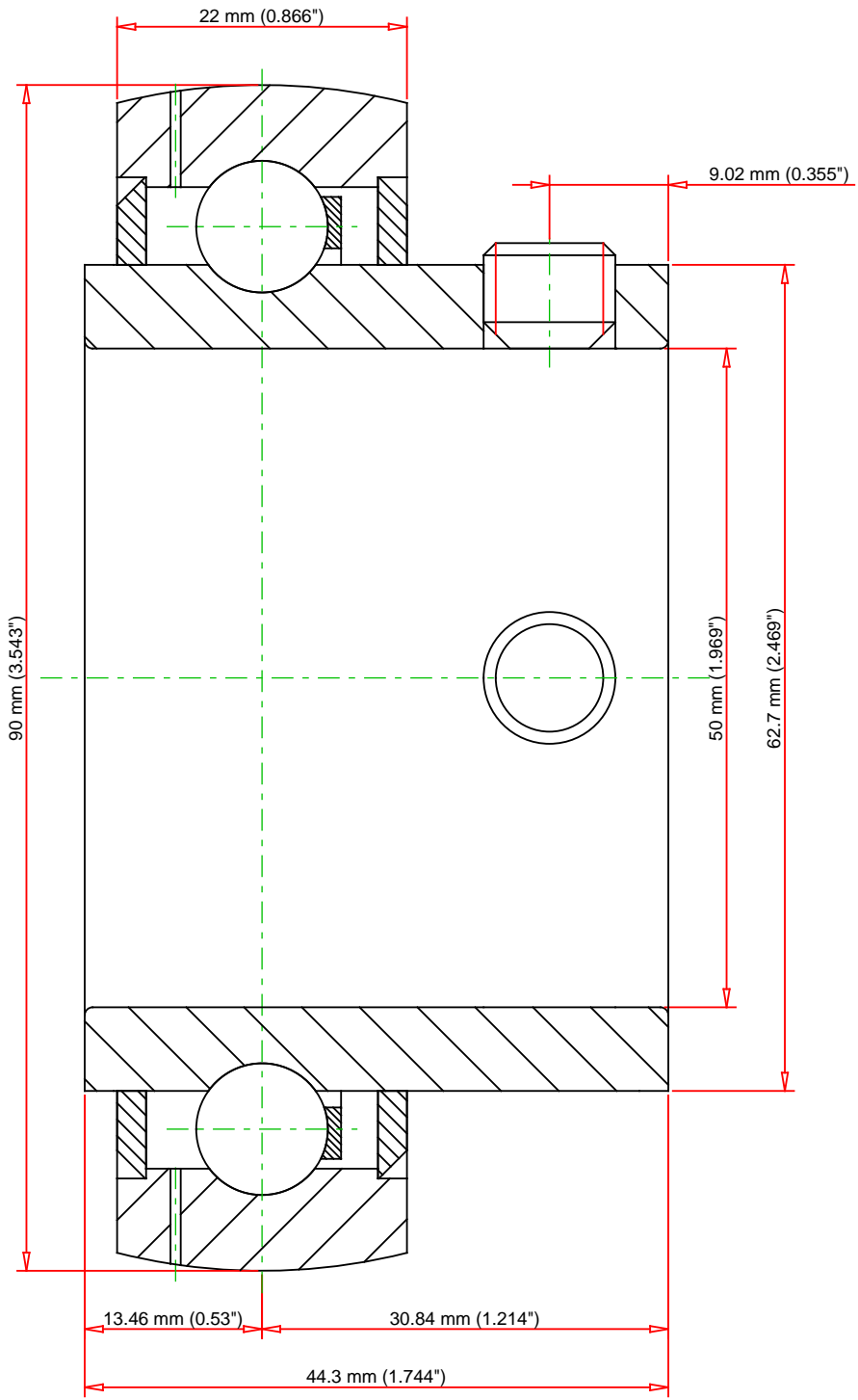
Phone: (234) 262-3000**E-Mail:** CustomerCAD@timken.com • **Web site:** www.timken.com**Part Number GYAE50RRB, Fafnir® Wide Inner Ring Setscrew Locking Ball Bearings**
[Specifications](#) | [Dimensions](#) | [Basic Load Ratings](#)
Specifications

Series	Standard
Shaft Size d	50 mm
Bore Type	Cylindrical bore
Bearing Type	Ball Bearing
Material	Bearing Steel
Lubrication Type	Relubricatable
O.D. Type	Spherical OD
Sub Series	GYAE..RRB
Seal Type	Narrow Shroud

Outside Diameter D	3.543 in 90 mm
Inner Ring Width B	1.744 in 44.3 mm
Outside Ring Width C	0.866 in 22 mm
Radius r	0.024 in 0.6 mm
Center of Bearing from End S	0.53 in 13.46 mm
Dimension S1	1.214 in 30.84 mm
Dimension F	2.469 in 62.7 mm
Dimension J	0.355 in 9.02 mm
Dimension M	0.175 in 4.44 mm
Set Screw Size	M10x1.5
Number of Set Screws	2
Angle between Set Screws	90°

Basic Load Ratings

Static Load Rating	5210 lbf 23200 N
Dynamic Load Rating	8740 lbf 38900 N



Weight	0.5 lb	0.2 kg
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TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

GYAE50RRB

Fafnir® Wide Inner Ring Setscrew Locking Ball Bearings

Basic Load Ratings - C _r	8740 lbf	38900 N
Load Ratings - C _{0r}	5210 lbf	23200 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