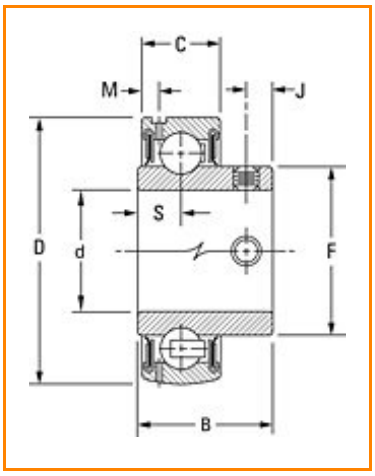
The Timken Company
4500 Mt Pleasant St. NW
N. Canton, OH 44720
Phone: (234) 262-3000
E-Mail: CustomerCAD@timken.com • **Web site:** www.timken.com

Timken Part Number GYAE20RRB, Fafnir® Setscrew Locking Ball Bearings





Specifications | Dimensions | Basic Load Ratings

Specifications

Bore Size d	0.787 in 20 mm
Bore Type	Cylindrical bore
Bearing Type	Ball Bearing
Seal Type	Narrow Shroud
Material	Bearing Steel
Lubrication Type	Relubricatable
O.D. Type	Spherical OD
Dimension M	0.120 in 3.05 mm
Series	Standard

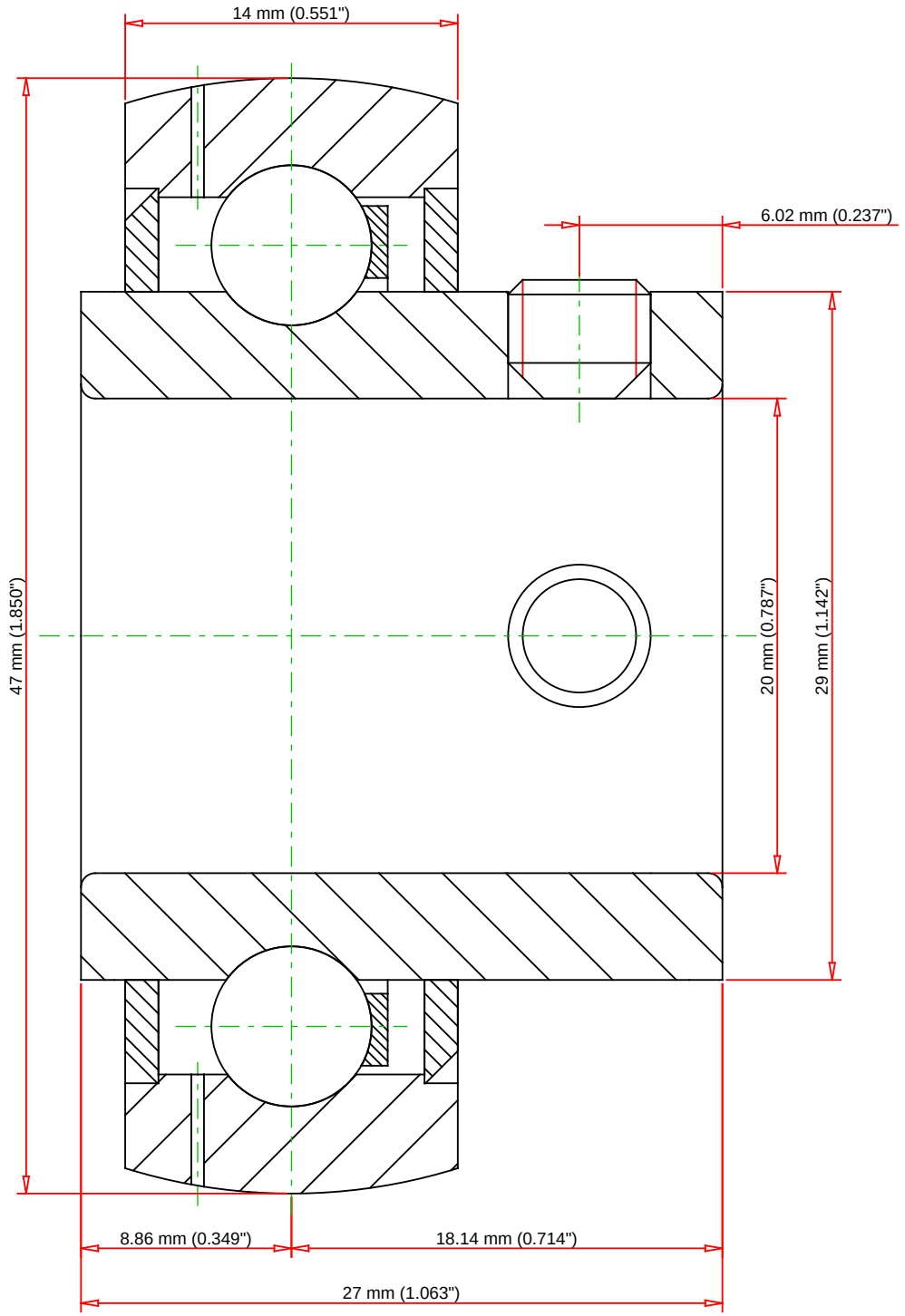
Weight	0.500 lb 0.200 Kg
Sub Series	GYAE..RRB

Dimensions

Outside Diameter D	1.850 in 47.000 mm
Inside Ring Width B	27.000 mm 1.063 in
Outside Ring Width C	14.000 mm 0.551 in
Radius r	0.6 mm 0.024 in
Center of Bearing from End S	8.86 mm 0.349 in
Dimension S1	18.14 mm 0.714 in
Set Screw Distance S2	6.02 mm 0.237 in
Set Screw Size	M6X1
Number of Set Screws	2
Angle between Set Screws	90 º

Basic Load Ratings

Static Load Rating	1400 lbf 6200 N
Dynamic Load Rating	3200 lbf 14300 N



Weight	0.5 lb	0.2 kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

GYAE20RRB

Fafnir® Setscrew Locking Ball Bearings

Basic Load Ratings - C_r	3200 lbf	14300 N
Load Ratings - C_{0r}	1400 lbf	6200 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