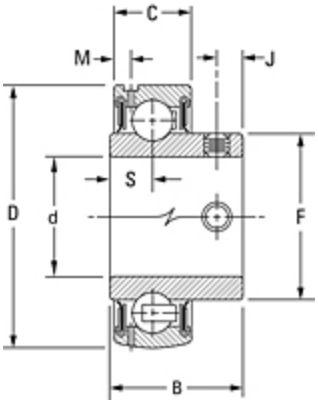
The Timken Company
4500 Mt Pleasant St. NW
N. Canton, OH 44720
Phone: (234) 262-3000
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Part Number GYAE40RRB, Fafnir® Wide Inner Ring Setscrew Locking Ball Bearings





Specifications | Dimensions | Basic Load Ratings

Specifications

Shaft Size d	1.575 in 40 mm
Bore Type	Cylindrical bore
Bearing Type	Ball Bearing
Material	Bearing Steel
Lubrication Type	Relubricatable
O.D. Type	Spherical OD
Dimension M	0.164 in 4.17 mm
Series	Standard
Weight	0.50 lb 0.2 Kg

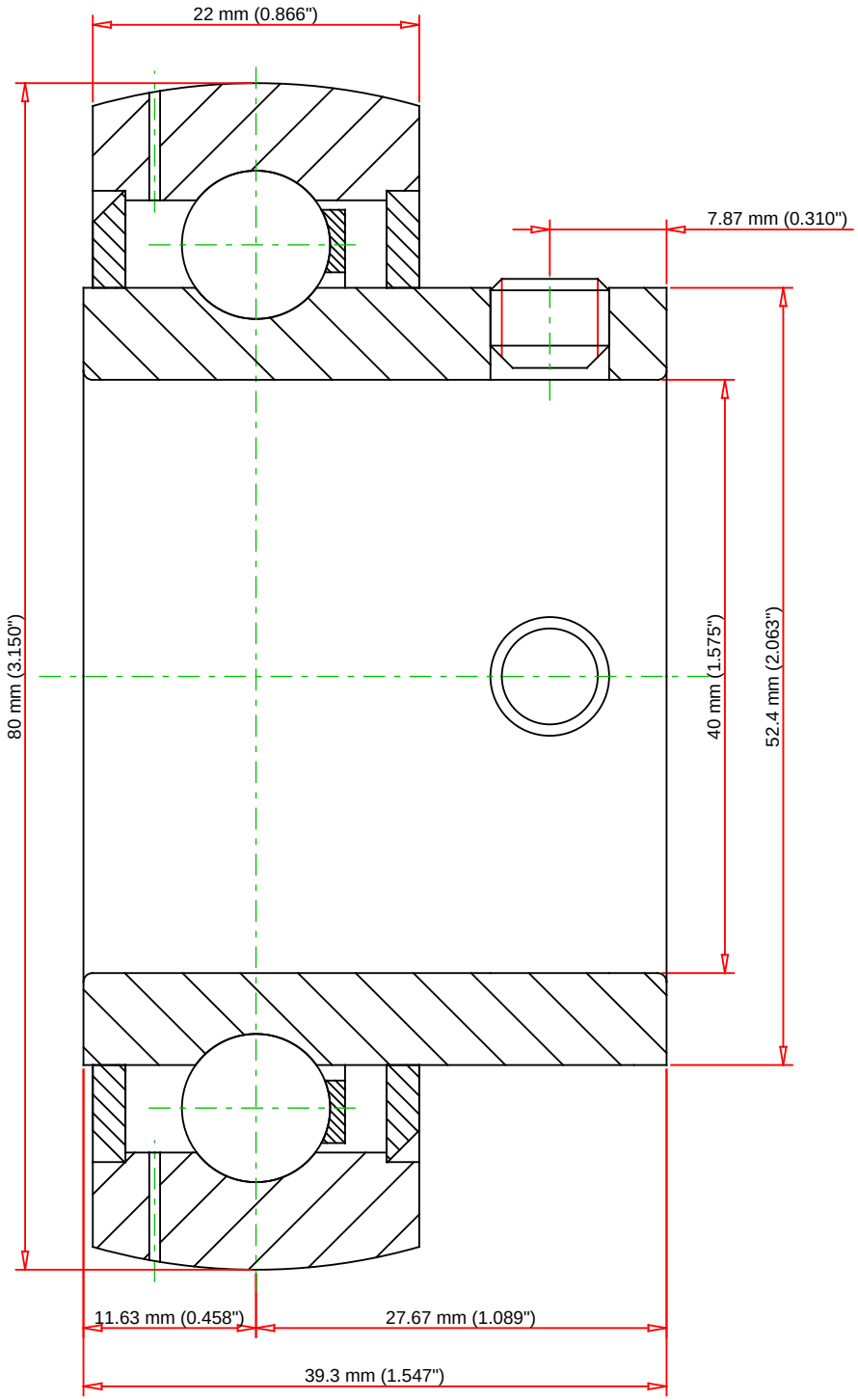
Sub Series	GYAE..RRB
Seal Type	Narrow Shroud

Dimensions

Outside Diameter D	3.1500 in 80.000 mm
Inner Ring Width B	39.3 mm 1.547 in
Outside Ring Width C	22.000 mm 0.866 in
Radius r	0.6 mm 0.024 in
Center of Bearing from End S	11.63 mm 0.458 in
Dimension S1	27.67 mm 1.089 in
Set Screw Distance S2	7.87 mm 0.310 in
Set Screw Size	M8x1.25
Number of Set Screws	2
Angle between Set Screws	90 °

Basic Load Ratings

Static Load Rating	4460 lbf 19800 N
Dynamic Load Rating	8130 lbf 36200 N



Weight	0.5 lb	0.2 kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

GYAE40RRB

Fafnir® Wide Inner Ring Setscrew Locking Ball Bearings

Basic Load Ratings - C_r	8150 lbf	36000 N
Load Ratings - C_{0r}	4000 lbf	17600 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