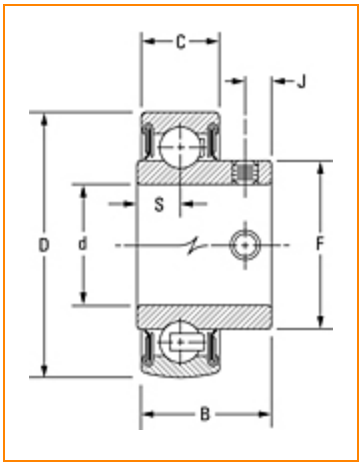
The Timken Company
4500 Mt Pleasant St. NW
N. Canton, OH 44720
Phone: (234) 262-3000
E-Mail: CustomerCAD@timken.com • **Web site:** www.timken.com

Part Number YA008RRB, Fafnir® Wide Inner Ring Setscrew Locking Ball Bearings





Specifications | Dimensions | Basic Load Ratings

Specifications

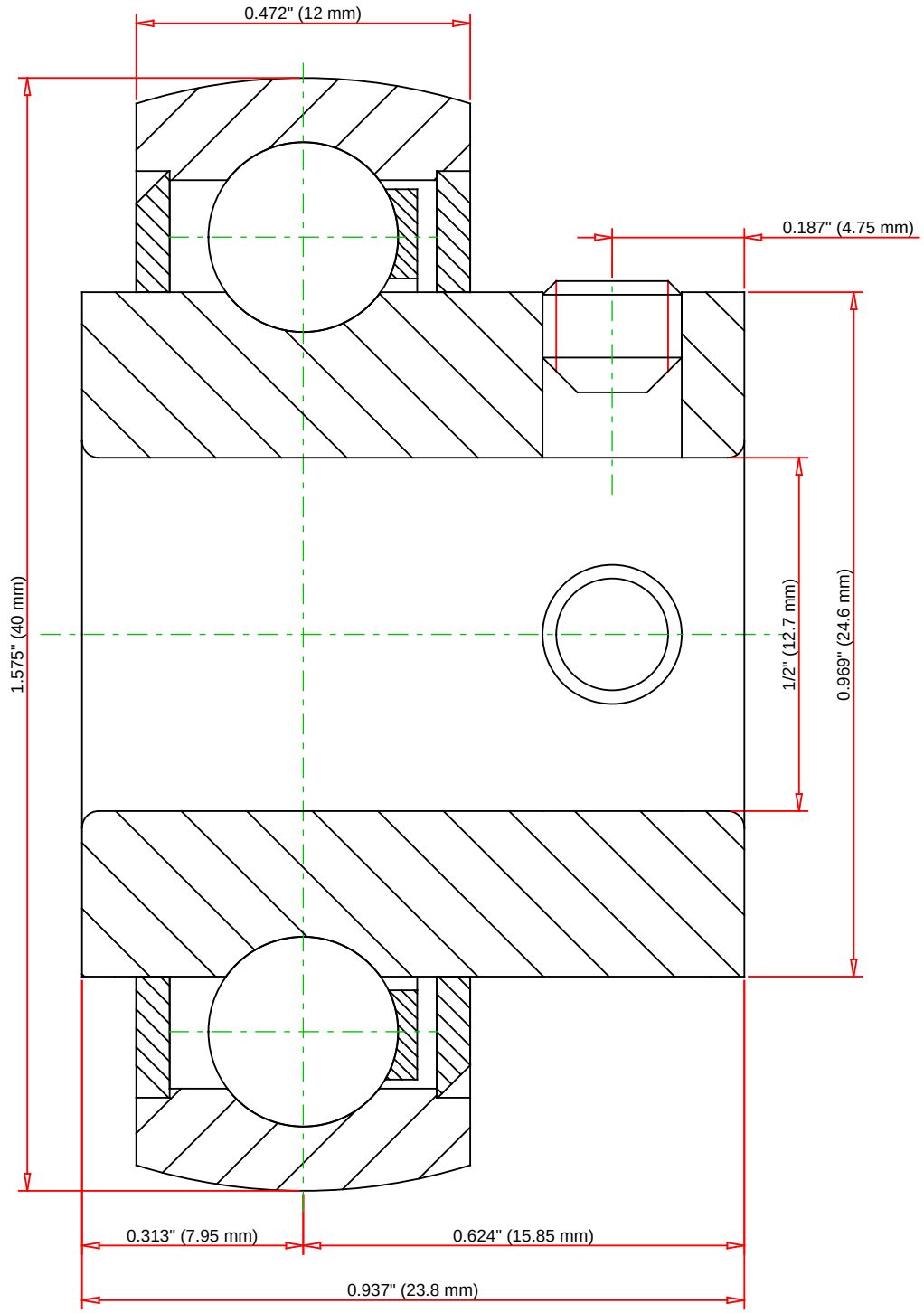
Shaft Size d	1/2 in 12.7 mm
Bore Type	Cylindrical bore
Bearing Type	Ball Bearing
Material	Bearing Steel
Lubrication Type	Non-Relubricatable
O.D. Type	Spherical OD
Series	Standard
Weight	0.50 lb 0.2 Kg
Sub Series	YA..RRB
Seal Type	Narrow Shroud

Dimensions

Outside Diameter D	1.575 in 40.000 mm
Inner Ring Width B	23.8 mm 0.937 in
Outside Ring Width C	12.000 mm 0.472 in
Radius r	0.6 mm 0.024 in
Center of Bearing from End S	7.95 mm 0.313 in
Dimension S1	15.85 mm 0.624 in
Set Screw Distance S2	4.75 mm 0.187 in
Set Screw Size	M5X.8
Number of Set Screws	2
Angle between Set Screws	90 °

Basic Load Ratings

Static Load Rating	1070 lbf 4700 N
Dynamic Load Rating	2380 lbf 10700 N



Weight	0.5 lb	0.2 kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

YA008RRB

Fafnir® Wide Inner Ring Setscrew Locking Ball Bearings

Basic Load Ratings - C_r	2360 lbf	10600 N
Load Ratings - C_{0r}	1060 lbf	4700 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