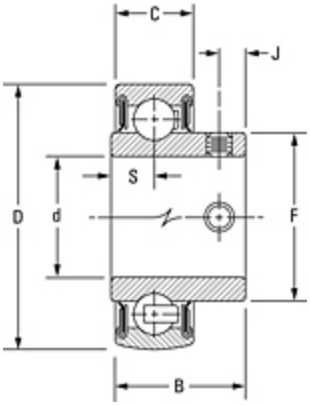
The Timken Company
4500 Mt Pleasant St. NW
N. Canton, OH 44720
Phone: (234) 262-3000
E-Mail: CustomerCAD@timken.com • **Web site:** www.timken.com

Part Number YA107RRB, Fafnir® Wide Inner Ring Setscrew Locking Ball Bearings





Specifications | Dimensions | Basic Load Ratings

Specifications

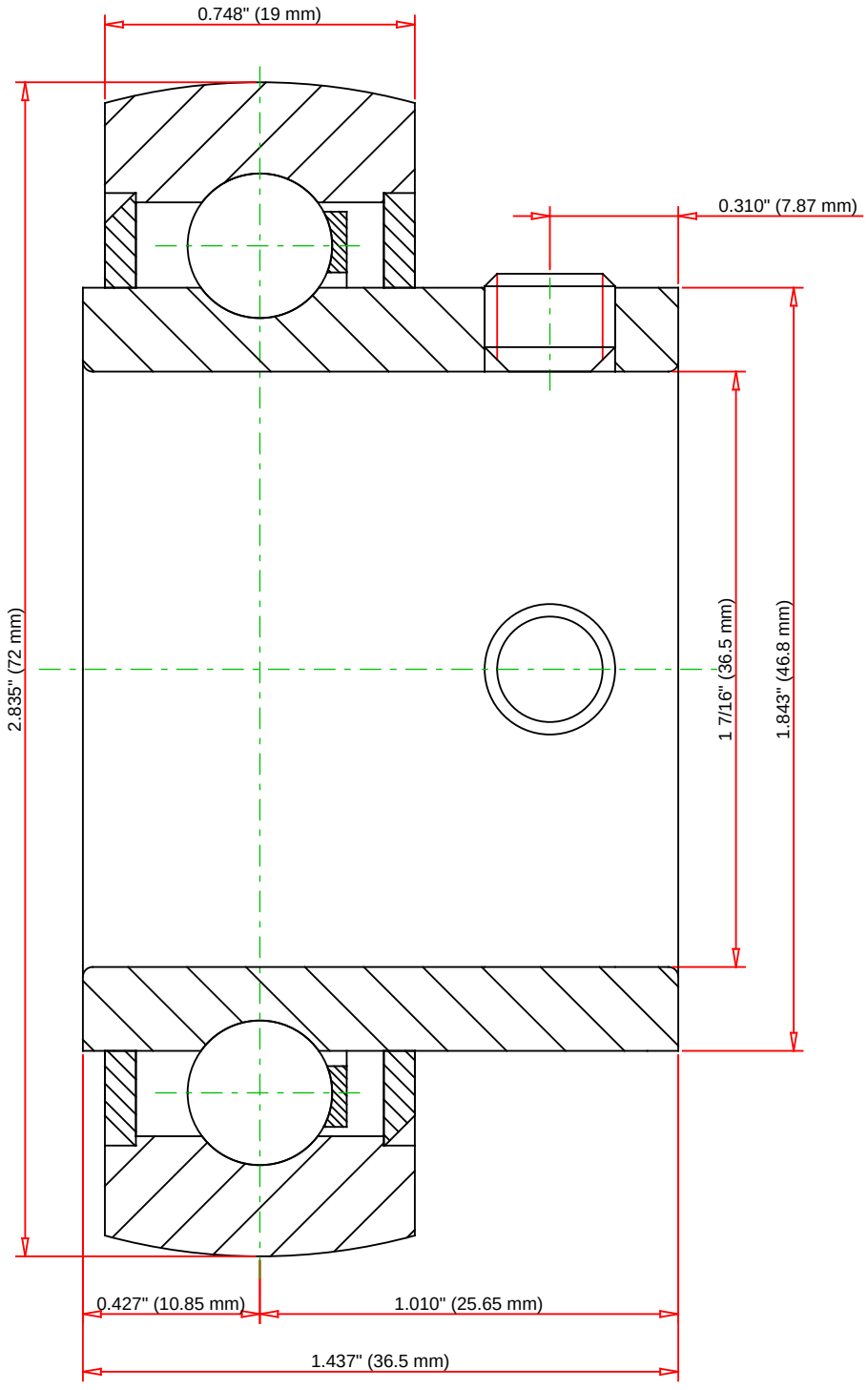
Shaft Size d	1 7/16 in 36.5 mm
Bore Type	Cylindrical bore
Bearing Type	Ball Bearing
Material	Bearing Steel
Lubrication Type	Non-Relubricatable
O.D. Type	Spherical OD
Series	Standard
Weight	0.50 lb 0.2 Kg
Sub Series	YA..RRB
Seal Type	Narrow Shroud

Dimensions

Outside Diameter D	2.835 in 72.000 mm
Inner Ring Width B	36.50 mm 1.437 in
Outside Ring Width C	19.000 mm 0.748 in
Radius r	0.6 mm 0.024 in
Center of Bearing from End S	10.85 mm 0.427 in
Dimension S1	25.65 mm 1.010 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	3440 lbf 15300 N
Dynamic Load Rating	6400 lbf 28500 N



Weight	0.5 lb	0.2 kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

YA107RRB

Fafnir® Wide Inner Ring Setscrew Locking Ball Bearings

Basic Load Ratings - C_r	6400 lbf	28500 N
Load Ratings - C_{0r}	3400 lbf	15100 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