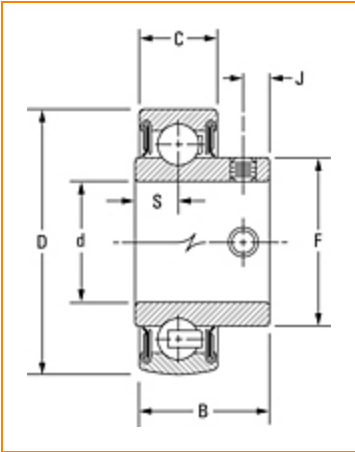




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Part Number YA008RRB, Fafnir® Wide Inner Ring Setscrew Locking Ball Bearings



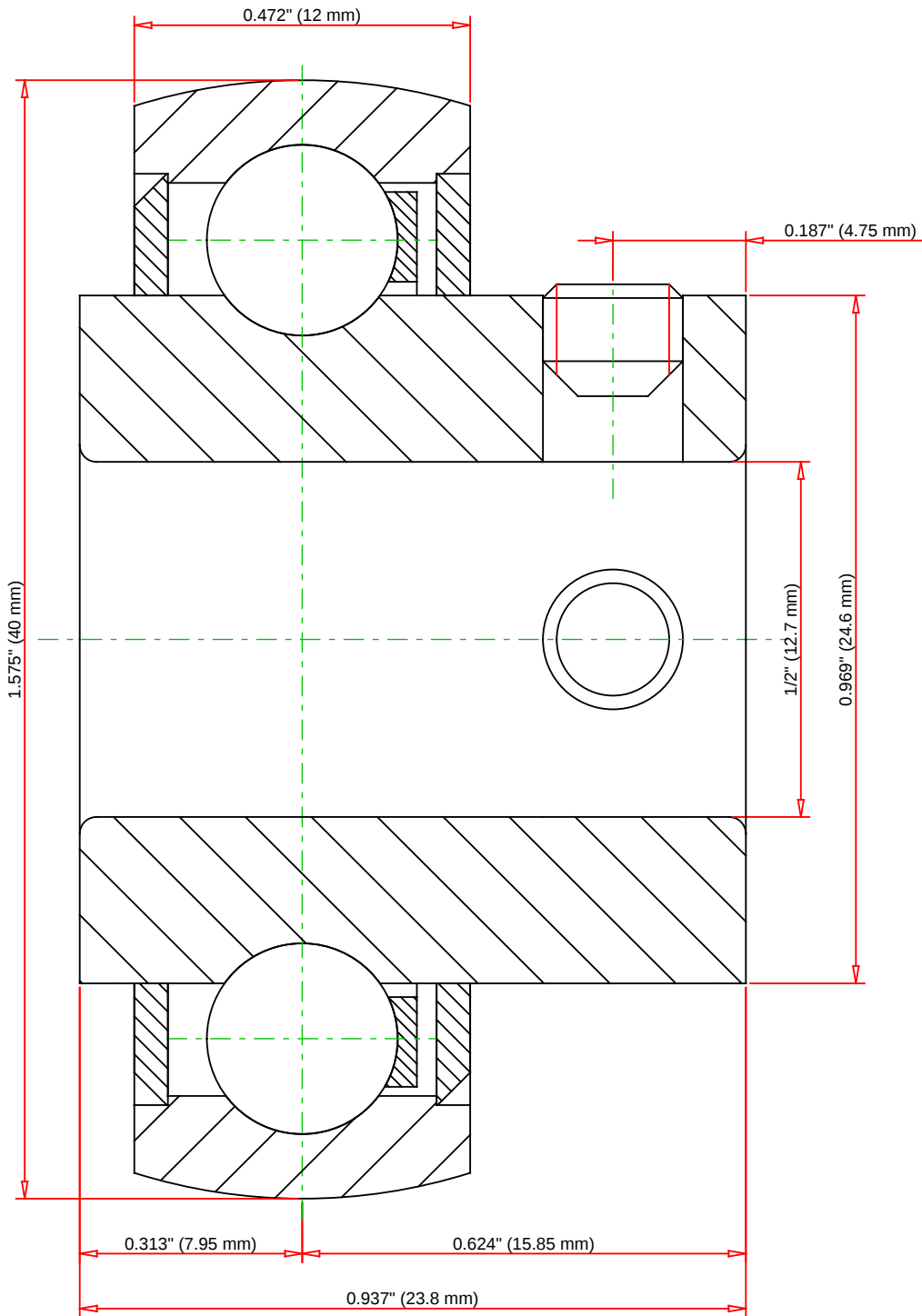
[Specifications](#) | [Dimensions](#) | [Basic Load Ratings](#)

Specifications	
Series	Standard
Shaft Size d	0.5000 in
Bore Type	Cylindrical bore
Bearing Type	Ball Bearing
Material	Bearing Steel
Lubrication Type	Non-Relubricatable
O.D. Type	Spherical OD
Sub Series	YA..RRB
Seal Type	Narrow Shroud

Outside Diameter D	1.575 in 40 mm
Inner Ring Width B	0.9370 in 23.8 mm
Outside Ring Width C	0.472 in 12 mm
Radius r	0.024 in 0.6 mm
Center of Bearing from End S	0.313 in 7.95 mm
Dimension S1	0.624 in 15.85 mm
Dimension F	0.969 in 24.6 mm
Dimension J	0.187 in 4.75 mm
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		YA008RRB Fafnir® Wide Inner Ring Setscrew Locking Ball Bearings			
			THE TIMKEN COMPANY NORTH CANTON, OHIO USA	<table><tr><td>Basic Load Ratings - C_r</td><td>2380 lbf</td><td>10700 N</td></tr><tr><td>Load Ratings - C_{0r}</td><td>1070 lbf</td><td>4700 N</td></tr></table>	Basic Load Ratings - C _r	2380 lbf	10700 N
Basic Load Ratings - C _r	2380 lbf	10700 N					
Load Ratings - C _{0r}	1070 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			