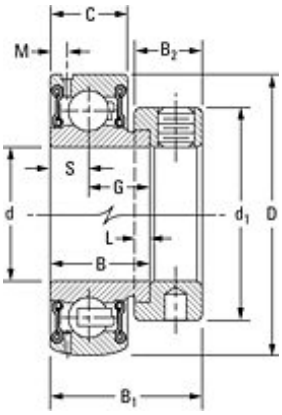
The Timken Company
4500 Mt Pleasant St. NW
N. Canton, OH 44720
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E-Mail: CustomerCAD@timken.com • **Web site:** www.timken.com

Timken Part Number GRAE50RRB, Fafnir® Eccentric Locking Collar Ball Bearings





Specifications | Dimensions | Basic Load Ratings

Specifications

Bore Size d	1.969 in 50 mm
Bore Type	Cylindrical bore
Bearing Type	Ball Bearing
Seal Type	Molded Shroud
Material	Bearing Steel
Lubrication Type	Relubricatable
O.D. Type	Spherical OD
Dimension M	0.175 in 4.44 mm
Dimension B1	1.720 in 43.7 mm

Dimension B2	0.720 in 18.3 mm
Series	Standard
Weight	0.500 lb 0.200 Kg
Sub Series	GRAE..RRB

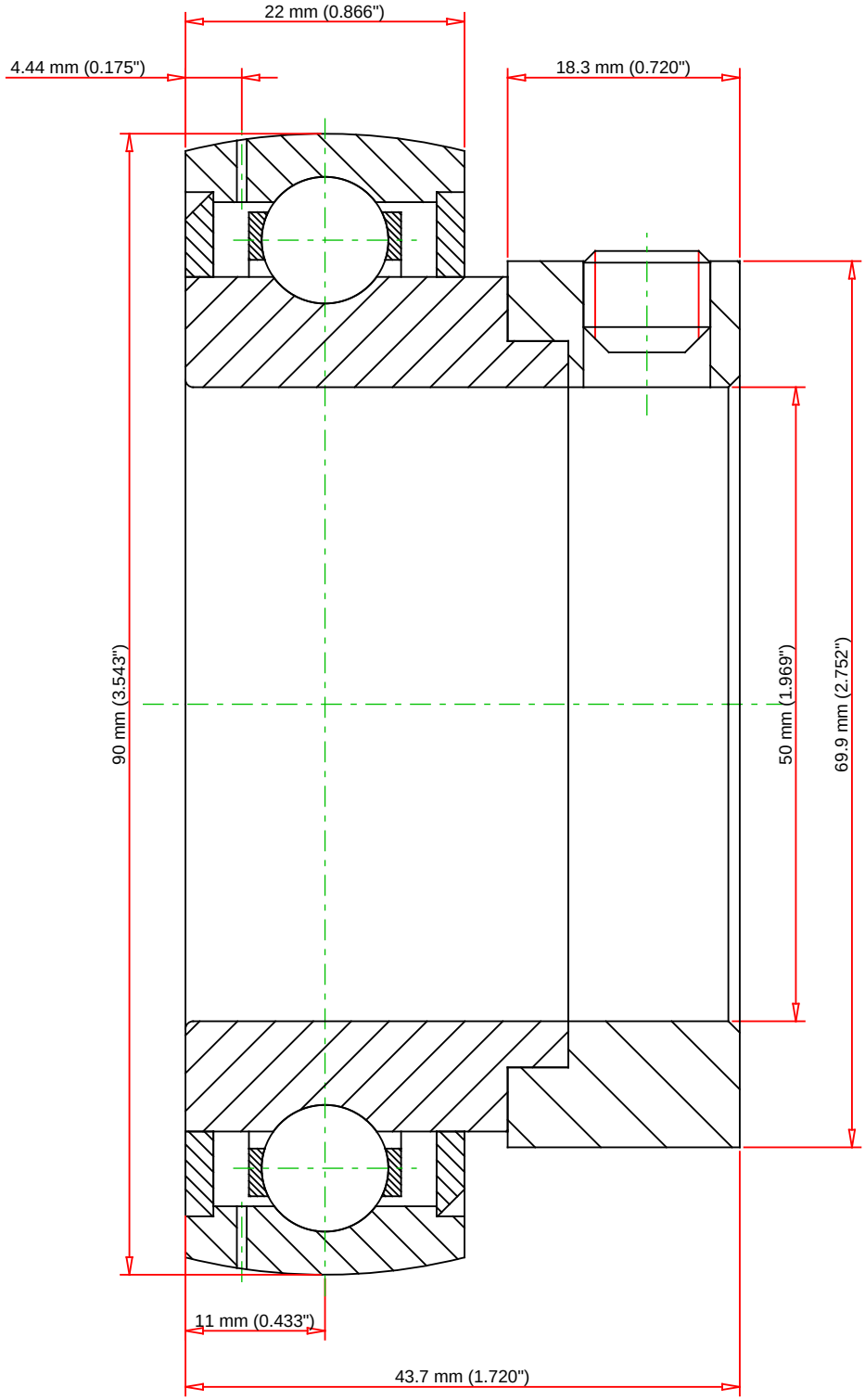
Dimensions

Outside Diameter D	3.543 in 90.000 mm
Inside Ring Width B	30.18 mm 1.188 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 mm 0.433 in
Dimension S1	32.7 mm 1.287 in
Set Screw Size	M10X1.5
Number of Set Screws	2
Angle between Set Screws	90 º

Basic Load Ratings

Static Load Rating	5100 lbf 22700 N

Dynamic Load Rating	8800 lbf 39200 N



Weight	0.5 lb	0.2 kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

GRAE50RRB

Fafnir® Eccentric Locking Collar Ball Bearings

Basic Load Ratings - C_r	8800 lbf	39200 N
Load Ratings - C_{0r}	5100 lbf	22700 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