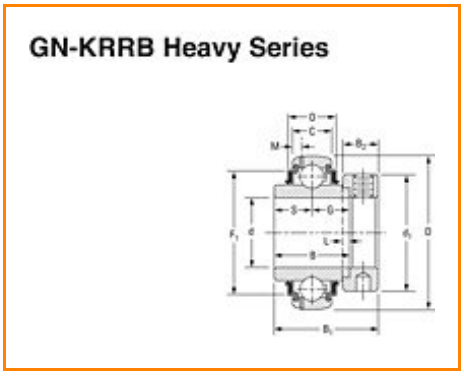
The Timken Company
4500 Mt Pleasant St. NW
N. Canton, OH 44720
Phone: (234) 262-3000
E-Mail: CustomerCAD@timken.com • **Web site:** www.timken.com

Timken Part Number GN307KRRB, Fafnir® Eccentric Locking Collar Ball Bearings





Specifications | Dimensions | Basic Load Ratings

Specifications

Bore Size d	3 7/16 in 87.3 mm
Bore Type	Cylindrical bore
Bearing Type	Ball Bearing
Seal Type	Shroud Seal
Material	Bearing Steel
Lubrication Type	Relubricatable
O.D. Type	Spherical OD
Dimension M	0.322 in 8.18 mm
Dimension B1	4.563 in 115.9 mm

Dimension B2	1.437 in 36.5 mm
Series	Medium-Duty
Weight	0.500 lb 0.200 Kg
Sub Series	GN..KRRB

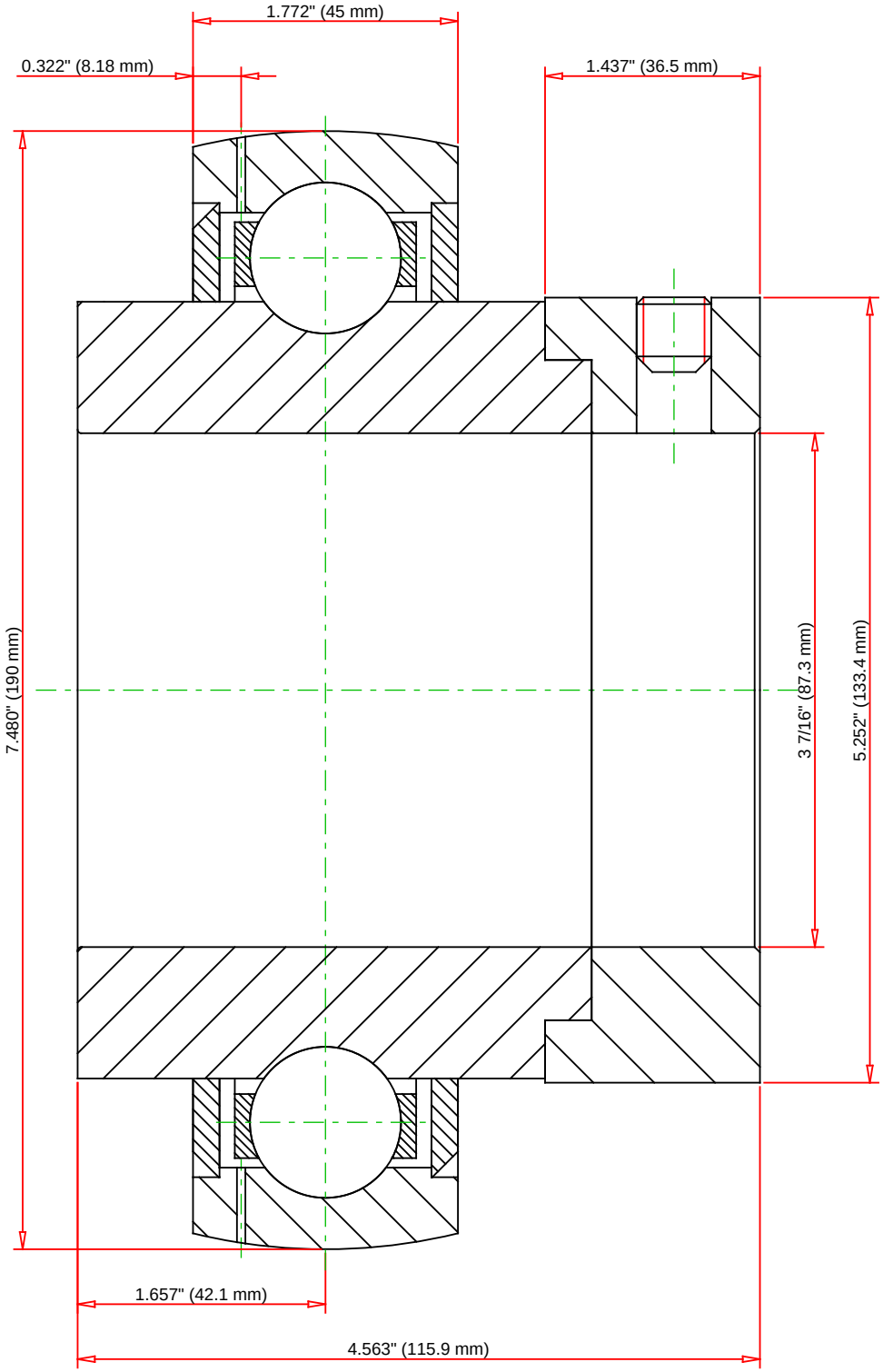
Dimensions

Outside Diameter D	7.480 in 190.000 mm
Inside Ring Width B	87.31 mm 3.437 in
Outside Ring Width C	45.000 mm 1.772 in
Radius r	0.6 mm 0.024 in
Center of Bearing from End S	42.1 mm 1.657 in
Dimension S1	73.8 mm 2.906 in
Set Screw Size	1/2-13
Number of Set Screws	2
Angle between Set Screws	90 º

Basic Load Ratings

Static Load Rating	22400 lbf 98000 N

Dynamic Load Rating	33500 lbf 156000 N



Weight	0.5 lb	0.2 kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

GN307KRRB

Fafnir® Eccentric Locking Collar Ball Bearings

Basic Load Ratings - C_r	33500 lbf	156000 N
Load Ratings - C_{0r}	22400 lbf	98000 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