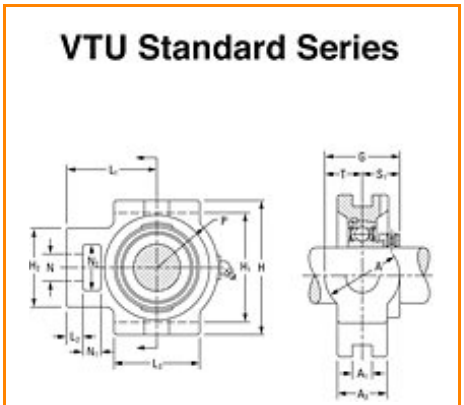
The Timken Company
4500 Mt Pleasant St. NW
N. Canton, OH 44720
Phone: (234) 262-3000
E-Mail: CustomerCAD@timken.com • **Web site:** www.timken.com

Timken Part Number VTU 1, Take-Up Units Eccentric Locking Collar (Includes Industrial and Standard Series)





Specifications | Dimensions | Basic Load Ratings

Specifications

Bore Size d	1 in 25.4 mm
Bearing Number	GRA100RRB
Dimension G	1.780 in 45.2 mm
Dimension P	1.374 in 34.9 mm
Dimension T	0.874 in 22.2 mm
Series	Standard
Weight	3.21 lb 1.46 Kg

Seal Type	Molded Shroud

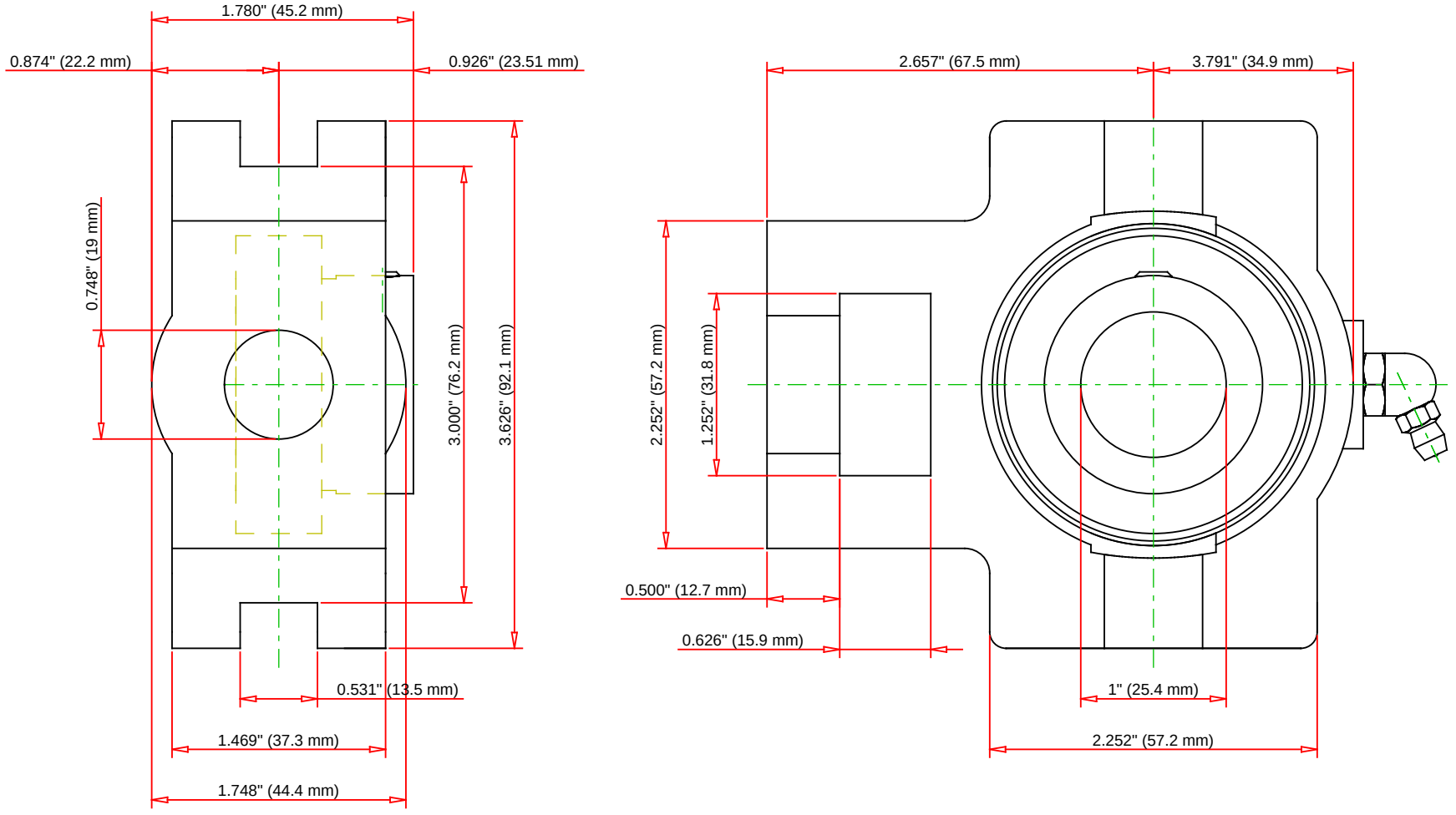
Dimensions

Total Width A	13.5 in 44.4 mm
Slot Width A1	13.5 mm 0.531 in
Socket Width A2	37.3 mm 1.469 in
Total Height H	92.1 mm 3.626 in
Pitch Height H1	76.2 mm 3 in
Height H2	57.2 mm 2.252 in
Total Length L	102.4 mm 4.031 in
Shaft Length L1	67.5 mm 2.657 in
Dimension L2	12.7 mm 0.5 in
Slot Length L3	57.2 mm 2.252 in
Adjustment Screw Bore N	28.6 mm 1.126 in
Opening Width N1	15.9 mm 0.626 in
Opening Height N2	31.8 mm 1.252 in
Inside Ring Width B	21.44 mm 0.844 in

Center of Bearing from End S	7.49 mm 0.295 in

Basic Load Ratings

Static Load Rating	1730 lbf 7700 N
Dynamic Load Rating	3550 lbf 15800 N



Bearing Number	GRA100RRB			
Load Ratings - C_r	3550	lbf	15800	N
Load Ratings - C_{0r}	1730	lbf	7700	N
Weight	24.3	lb	11	kg

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

VTU 1

Take-Up Units Eccentric Locking Collar (Includes Industrial and Standard Series)

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