The Timken Company
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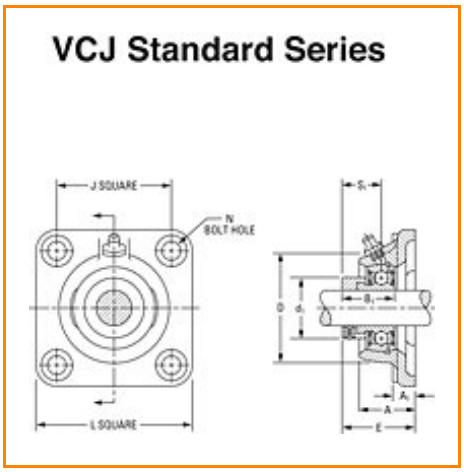
Timken Part Number VCJ1, Four-Bolt Flanged Units Eccentric Locking Collar (Includes Industrial and Standard Series)





Specifications | Dimensions | Basic Load Ratings

Specifications

Bore Size d	1 in 25.4 mm
Bearing Number	GRA100RRB
Dimension D	2.563 in 65.1 mm
Dimension E	1.697 in 43.1 mm
Inside Ring Outside Diameter	1.480 in 37.6 mm
Series	Standard
Weight	1.97 lb 0.894 Kg

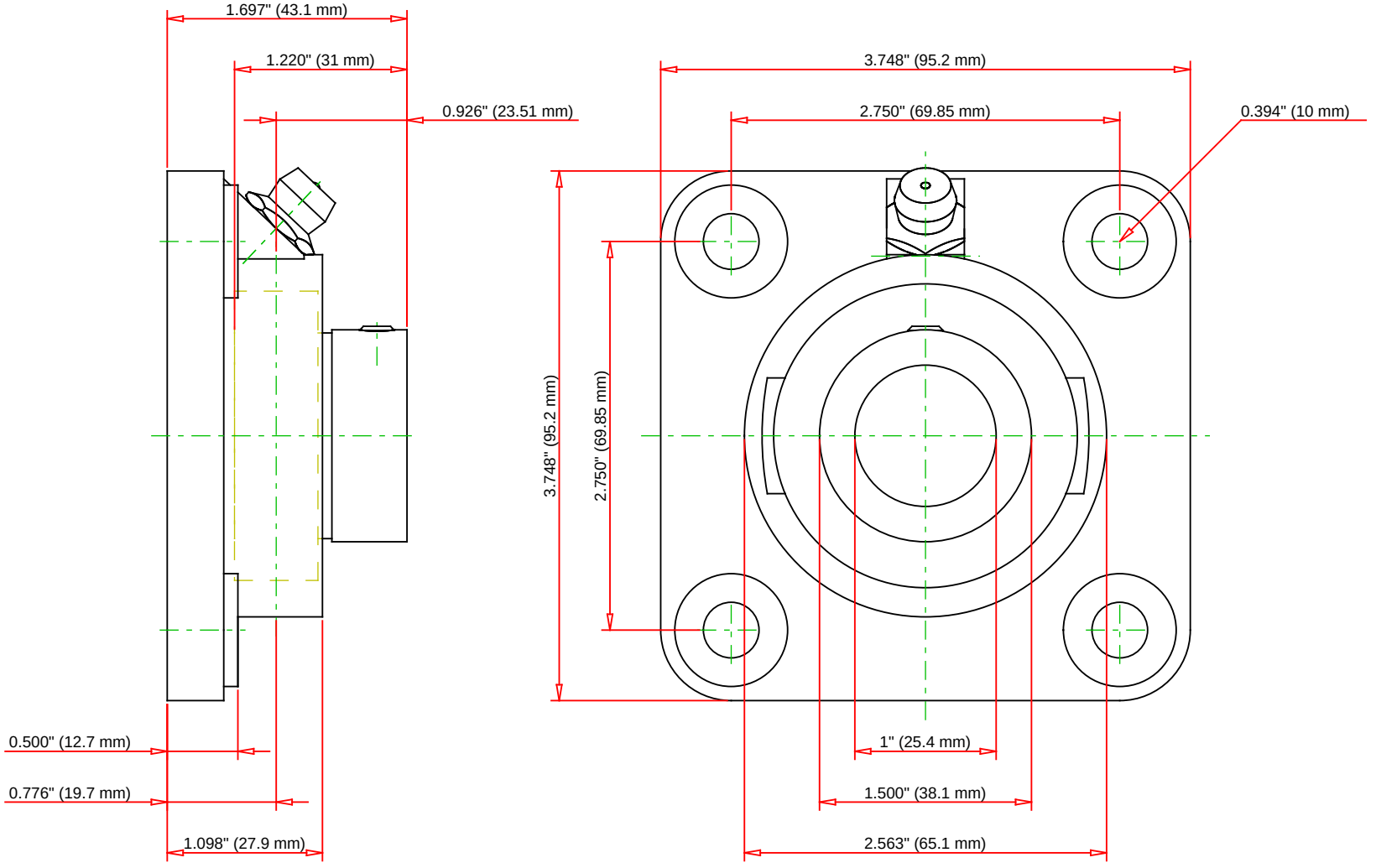
Seal Type	Molded Shroud

Dimensions

Total Length L	95.2 mm 3.748 in
Total Width A	1.098 in 27.9 mm
Bolt Hole Spacing J	69.85 mm 2.750 in
Bolt Hole Size N	10 mm 0.394 in
Flange Thickness A1	12.7 mm 0.500 in
Center of Bearing from Housing End A2	19.7 mm 0.776 in
Inside Ring Width B	N/A
Bolt Size	M10
Center of Bearing from Bearing End S	7.6 mm 0.299 in

Basic Load Ratings

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



Bearing Number	GRA100RRB			
Load Ratings - C_r	3550	lbf	15800	N
Load Ratings - C_{0r}	1730	lbf	7700	N
Weight	1.97	lb	0.894	kg

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

VCJ1

Four-Bolt Flanged 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