



The Timken Company

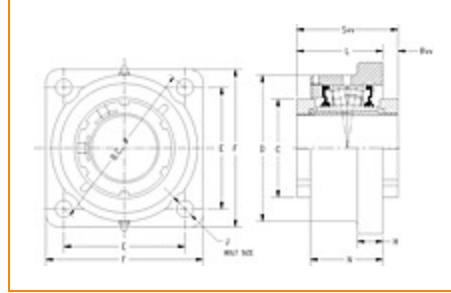
4500 Mt Pleasant St. NW

N. Canton, OH 44720

Phone: (234) 262-3000

E-Mail: CustomerCAD@timken.com • **Web site:** www.timken.com

Part Number QVVF14V207S, Double V-Lock Four Bolt Square Flange Block



[Specifications](#) | [Dimensions](#) | [Radial and Thrust Factors](#) | [Engineering Seal Speed](#) | [Engineering Bearing Attributes](#) | [Engineering Internal Radial Clearance](#)

Specifications -

Engineering Group	Mounted Bearing
Bearing Number	22214
Shaft Size	2 7/16 in
Shaft Size Type	Imperial
Full Timken Part Number	QVVF14V207SB QVVF14V207SC QVVF14V207SEB QVVF14V207SEC QVVF14V207SEM QVVF14V207SEN QVVF14V207SEO QVVF14V207SET QVVF14V207SM QVVF14V207SN QVVF14V207SO



QVVF14V207ST

Locking Style

Double V-Lock

Housing Construction

Four-Bolt Square Flange

UPC Code

0883450064545
 0883450064613
 0883450064644
 0883450178525
 0883450178716
 0883450178907
 0883450210874
 0883450211253
 0883450223294
 0883450223676
 0883450235792
 0883450236171

Dimensions**Dimension BC**

7.6 in
 193 mm

Dimension C

3.7 in
 94 mm

Dimension D

5.75 in
 146.1 mm

Dimension L

3.35 in
 85.1 mm

Dimension E

5.38 in
 136.7 mm

Dimension F

6.63 in
 168.4 mm

Dimension H

1 in
 25.4 mm

Dimension J (Bolt Size)

0.625 in
 16 mm

Dimension L Exp	3.43 in 87.1 mm
Dimension L Fix	3.35 in 85.1 mm
Dimension N	2.85 in 72.4 mm
Dimension RVV	0.63 in 16 mm
Dimension SVV	3.99 in 101.3 mm

Radial and Thrust Factors

C0 - Static Load	52000 lbf 231000 N
C - Dynamic Load (Basic)	47800 lbf 213000 N
e - Geometry Factor	0.24
Y1 - Geometry Factor	2.83
Y2 - Geometry Factor	4.22

Engineering Seal Speed

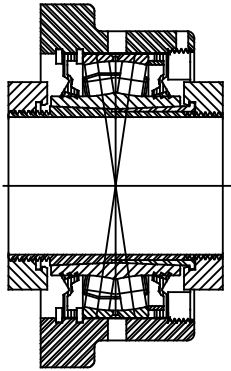
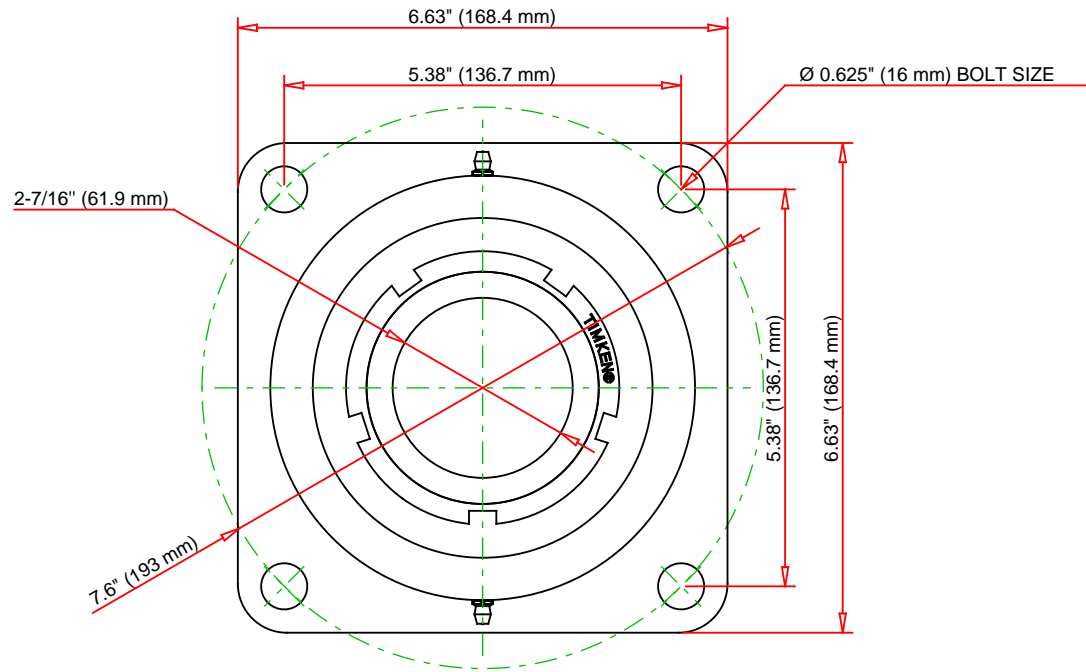
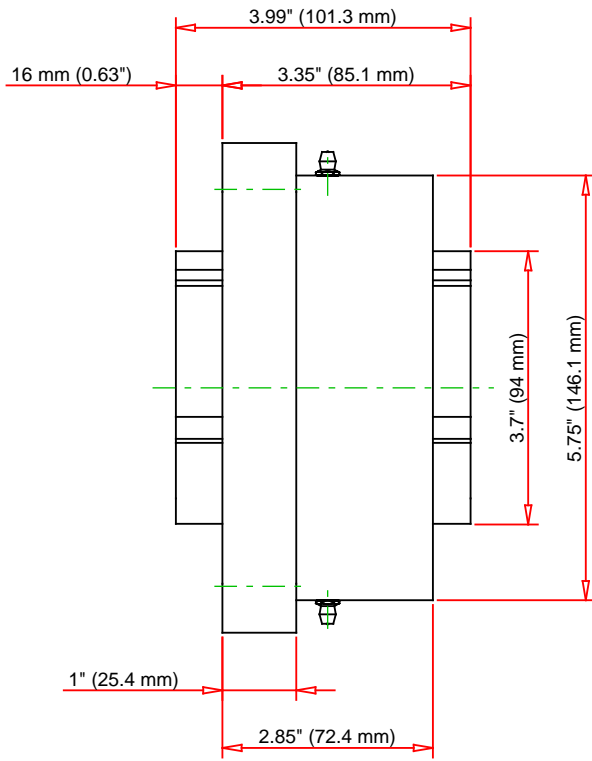
Oil Lubrication - M/N Seal	1700 rpm
Oil Lubrication - T Seal	3050 rpm
Oil Lubrication - B/C/O Seal	1400 rpm
Grease Lubrication - M/N Seal	1700 rpm
Grease Lubrication - T Seal	2600 rpm
Grease Lubrication - B/C/O Seal	1400 rpm

Engineering Bearing Attributes

Float	0.083 in 2.108 mm
Shaft Tolerance	0.0015 in 0.038 mm

Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0030
Eng Internal Radial Clearance - Max	0.0037
Pre Install Clearance Min	0.0030 in 0.075 mm
Pre Install Clearance Max	0.0037 in 0.094 mm



Note: Section View not to Scale

C - Dynamic Load	47800	lbf	213000	N
C0 - Static Load	52000	lbf	231000	N
Weight	17	lb	7.7	kg
Max. Speed T-Seals & Grease	2600	rpm		
Rad. Clearance - Max.	0.0037			

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QVVF14V207S

Double V-Lock Four Bolt Square
Flange Block

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