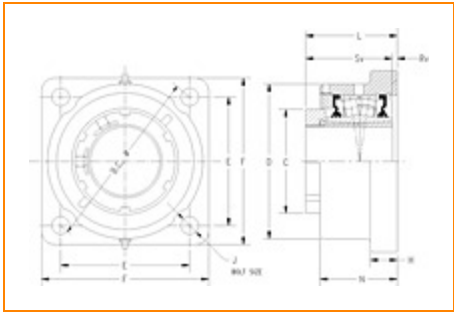




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Part Number QVFL14V207S, Single V-Lock Four-Bolt Square Flange Block



[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	QVFL14V207SB QVFL14V207SC QVFL14V207SEB QVFL14V207SEC QVFL14V207SEM QVFL14V207SEN QVFL14V207SEO QVFL14V207SET QVFL14V207SM QVFL14V207SN QVFL14V207SO



	QVFL14V207ST
Locking Style	Single V-Lock
Housing Construction	Four-Bolt Square Flange
UPC Code	0883450041799
	0883450041829
	0883450108317
	0883450108355
	0883450180238
	0883450211444
	0883450211826
	0883450223867
	0883450224246
	0883450236287
	0883450236669
	0883450296199

Dimensions

Dimension BC	6.75 in 171.5 mm
Dimension C	3.7 in 94 mm
Dimension D	5.75 in 146.1 mm
Dimension L	3.39 in 86.1 mm
Dimension E	4.77 in 121.2 mm
Dimension F	6.19 in 157.2 mm
Dimension H	1 in 25.4 mm
Dimension J (Bolt Size)	0.625 in 16 mm

Dimension L Exp	3.47 in 88.1 mm
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Dimension L Fix	3.39 in 86.1 mm
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Dimension N	2.86 in 72.6 mm
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Dimension RV	0.2 in 5.1 mm
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Dimension SV	3.19 in 81 mm
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Radial and Thrust Factors

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

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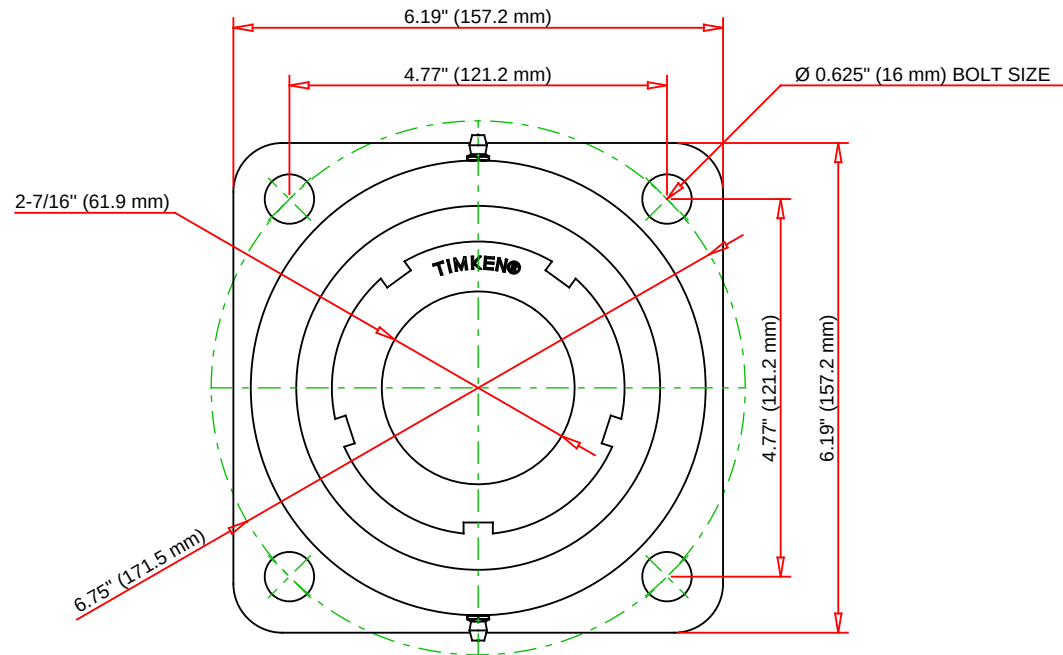
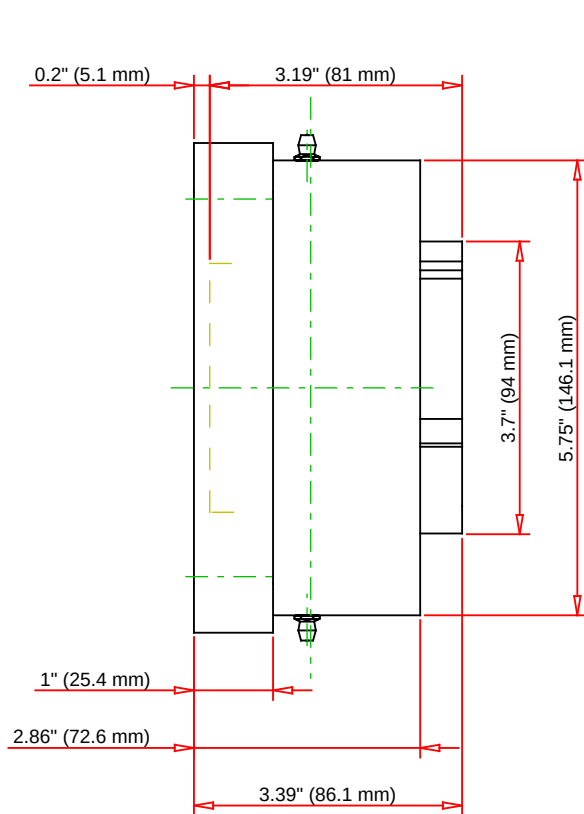
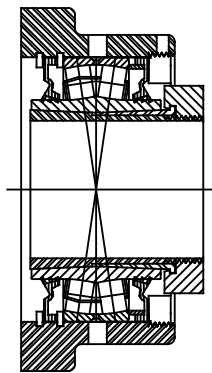
Grease Lubrication - B/C/O Seal	1400 rpm
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Engineering Bearing Attributes

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

QVFL14V207S

Single 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