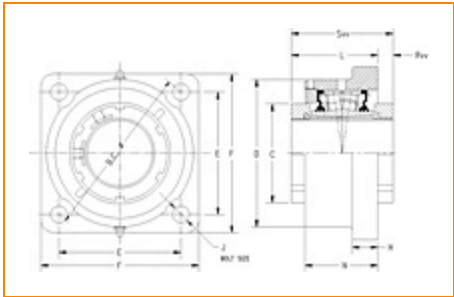




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Part Number QVFX22V315S, Double V-Lock Four Bolt Square Flange Block



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

Specifications

Engineering Group	Mounted Bearing
Bearing Number	22222
Shaft Size	3 15/16 in
Shaft Size Type	Imperial
Full Timken Part Number	QVFX22V315SB QVFX22V315SC QVFX22V315SEB QVFX22V315SEC QVFX22V315SEM QVFX22V315SEN QVFX22V315SEO QVFX22V315SET QVFX22V315SM QVFX22V315SN QVFX22V315SO



	QVFX22V315ST
Locking Style	Double V-Lock
Housing Construction	Four-Bolt Square Flange
UPC Code	0883450368230
	0883450368247
	0883450368254
	0883450368261
	0883450368278
	0883450368285
	0883450368292
	0883450368308
	0883450368315
	0883450368322
	0883450368339
	0883450368346

Dimensions

Dimension BC	11-3/4 in 298.5 mm
Dimension C	5.5 in 139.7 mm
Dimension D	8.5 in 215.9 mm
Dimension L	4.49 in 114 mm
Dimension E	8.31 in 211.1 mm
Dimension F	10.56 in 268.2 mm
Dimension H	1 1/2 in 38.1 mm
Dimension J (Bolt Size)	1 in 24 mm

Dimension L Exp	4.58 in 116.3 mm
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Dimension L Fix	4.49 in 114 mm
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Dimension N	3.96 in 100.6 mm
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Dimension RVV	0.5 in 12.7 mm
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Dimension SVV	4.99 in 126.7 mm
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Radial and Thrust Factors

C0 - Static Load	147000 lbf 653000 N
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C - Dynamic Load (Basic)	125000 lbf 555000 N
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e - Geometry Factor	0.26
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Y1 - Geometry Factor	2.55
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Y2 - Geometry Factor	3.80
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Engineering Seal Speed

Oil Lubrication - M/N Seal	900 rpm
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Oil Lubrication - T Seal	1700 rpm
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Oil Lubrication - B/C/O Seal	600 rpm
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Grease Lubrication - M/N Seal	900 rpm
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Grease Lubrication - T Seal	1200 rpm
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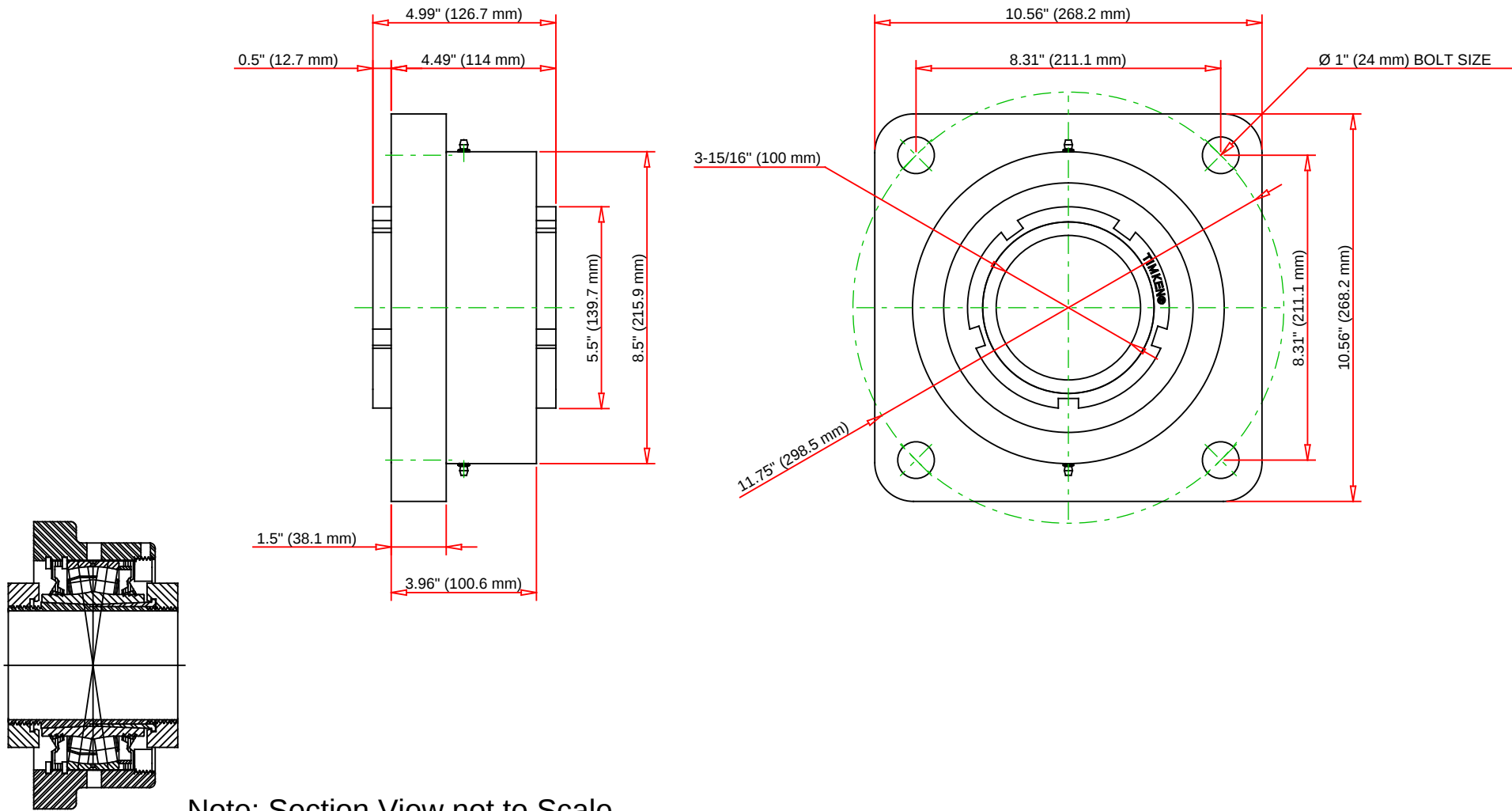
Grease Lubrication - B/C/O Seal	600 rpm
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Engineering Bearing Attributes

Float	0.083 in 2.108 mm
Shaft Tolerance	0.0030 in 0.076 mm

Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0053
Eng Internal Radial Clearance - Max	0.0067
Pre Install Clearance Min	0.0043 in 0.109 mm
Pre Install Clearance Max	0.0055 in 0.140 mm



Note: Section View not to Scale

C - Dynamic Load	125000	lbf	555000	N
C0 - Static Load	147000	lbf	653000	N
Weight	55	lb	24.9	kg
Max. Speed T-Seals & Grease	1200	rpm		
Rad. Clearance - Max.	0.0067			

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QVAFX22V315S

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