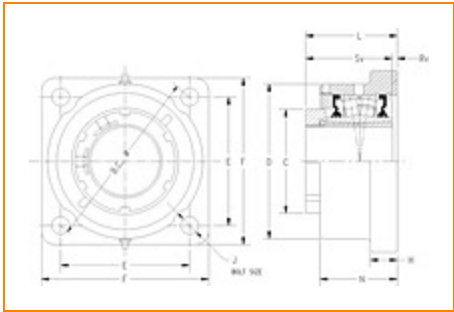




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Part Number QVFL22V315S, Single V-Lock Four-Bolt Square Flange Block



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Specifications

Engineering Group	Mounted Bearing
Bearing Number	22222
Shaft Size	3 15/16 in
Shaft Size Type	Imperial
Full Timken Part Number	QVFL22V315SB QVFL22V315SC QVFL22V315SEB QVFL22V315SEC QVFL22V315SEM QVFL22V315SEN QVFL22V315SEO QVFL22V315SET QVFL22V315SM QVFL22V315SN QVFL22V315SO



	QVFL22V315ST
Locking Style	Single V-Lock
Housing Construction	Four-Bolt Square Flange
UPC Code	0883450042895
	0883450042925
	0883450109215
	0883450109253
	0883450180382
	0883450211598
	0883450211970
	0883450224017
	0883450224390
	0883450236430
	0883450236812
	0883450296342

Dimensions

Dimension BC	10.75 in 273.1 mm
Dimension C	5.5 in 139.7 mm
Dimension D	9.04 in 229.6 mm
Dimension L	4.6 in 116.8 mm
Dimension E	7.6 in 193 mm
Dimension F	9.5 in 241.3 mm
Dimension H	1 1/2 in 38.1 mm
Dimension J (Bolt Size)	1 in 24 mm

Dimension L Exp	4.68 in 118.9 mm
Dimension L Fix	4.6 in 116.8 mm
Dimension N	4.12 in 104.6 mm
Dimension RV	0.47 in 11.9 mm
Dimension SV	4.13 in 104.9 mm

Radial and Thrust Factors

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

Engineering Seal Speed

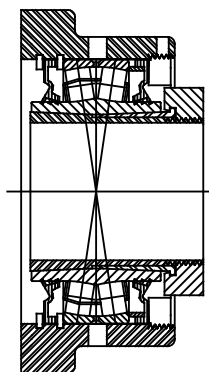
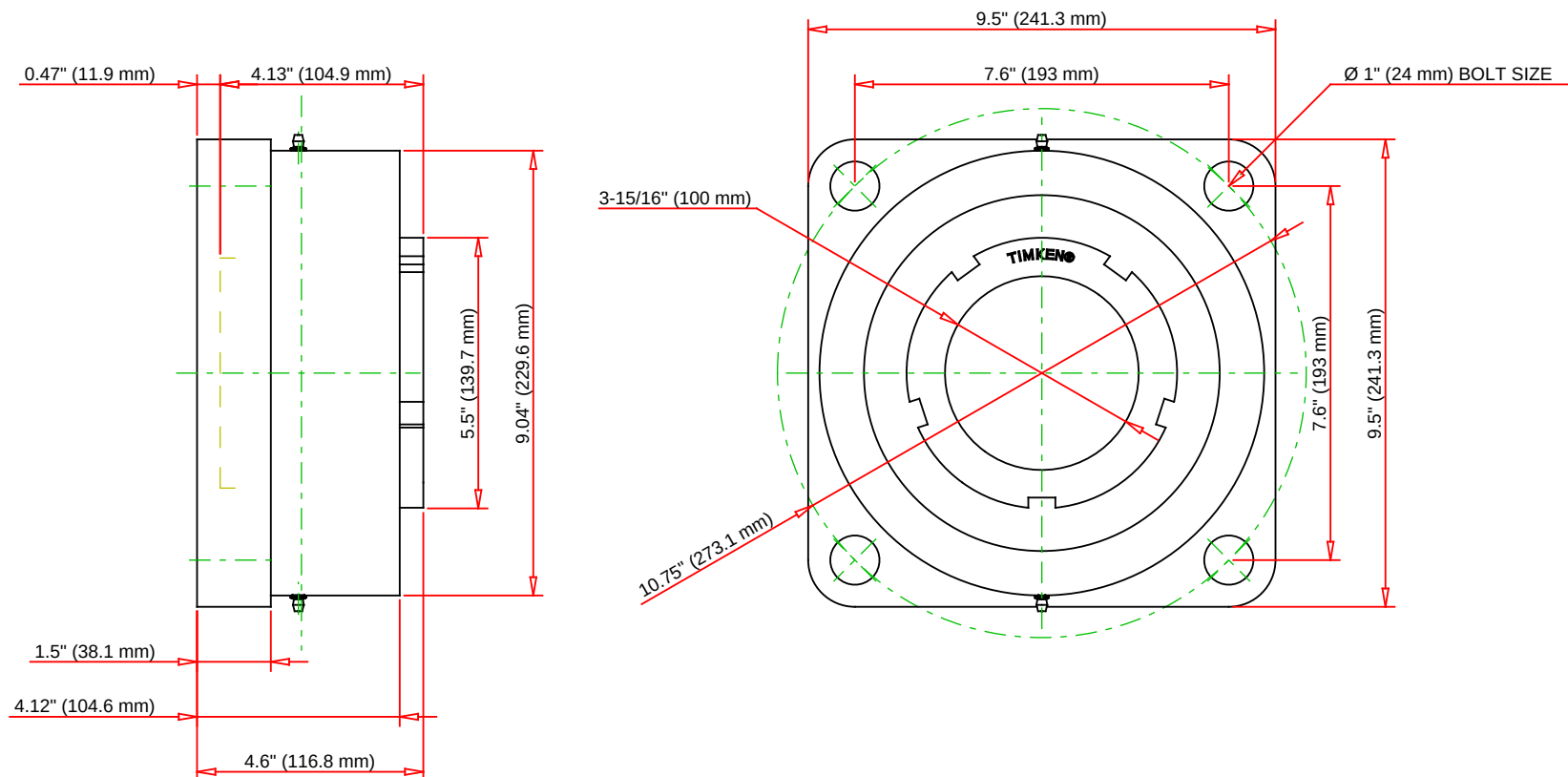
Oil Lubrication - M/N Seal	900 rpm
Oil Lubrication - T Seal	1700 rpm
Oil Lubrication - B/C/O Seal	600 rpm
Grease Lubrication - M/N Seal	900 rpm
Grease Lubrication - T Seal	1200 rpm
Grease Lubrication - B/C/O Seal	600 rpm

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

QVFL22V315S

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