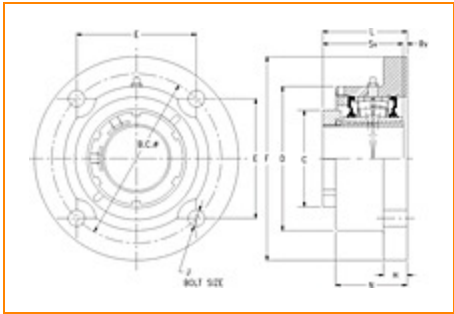




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Part Number QVFY19V307S, Single V-Lock Round Flange Block



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

Specifications

Engineering Group	Mounted Bearing
Bearing Number	22219
Shaft Size	3 7/16 in
Shaft Size Type	Imperial
Full Timken Part Number	QVFY19V307SB QVFY19V307SC QVFY19V307SEB QVFY19V307SEC QVFY19V307SEM QVFY19V307SEN QVFY19V307SEO QVFY19V307SET QVFY19V307SM QVFY19V307SN QVFY19V307SO QVFY19V307ST



Locking Style	Single V-Lock
Housing Construction	Round Flange
UPC Code	0883450045322
	0883450045391
	0883450110174
	0883450110211
	0883450182256
	0883450212328
	0883450212700
	0883450224741
	0883450225120
	0883450237161
	0883450237543
	0883450296502

Dimensions

Dimension BC	9.5 in 241.3 mm
Dimension C	4.9 in 124.5 mm
Dimension D	7.63 in 193.8 mm
Dimension E	6.72 in 170.7 mm
Dimension F	11.13 in 282.7 mm
Dimension H	1.13 in 28.7 mm
Dimension J (Bolt Size)	0.875 in 24 mm
Dimension L Exp	4.57 in 116.1 mm

Dimension L Fix	3.87 in 98.3 mm
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Dimension N	3.36 in 85.3 mm
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Dimension RV	0.19 in 4.8 mm
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Dimension SV	3.69 in 93.7 mm
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Radial and Thrust Factors

C0 - Static Load	99000 lbf 441000 N
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C - Dynamic Load (Basic)	86600 lbf 385000 N
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e - Geometry Factor	0.23
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Y1 - Geometry Factor	2.88
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Y2 - Geometry Factor	4.29
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Engineering Seal Speed

Oil Lubrication - M/N Seal	1300 rpm
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Oil Lubrication - T Seal	2200 rpm
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Oil Lubrication - B/C/O Seal	1000 rpm
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Grease Lubrication - M/N Seal	1300 rpm
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Grease Lubrication - T Seal	1800 rpm
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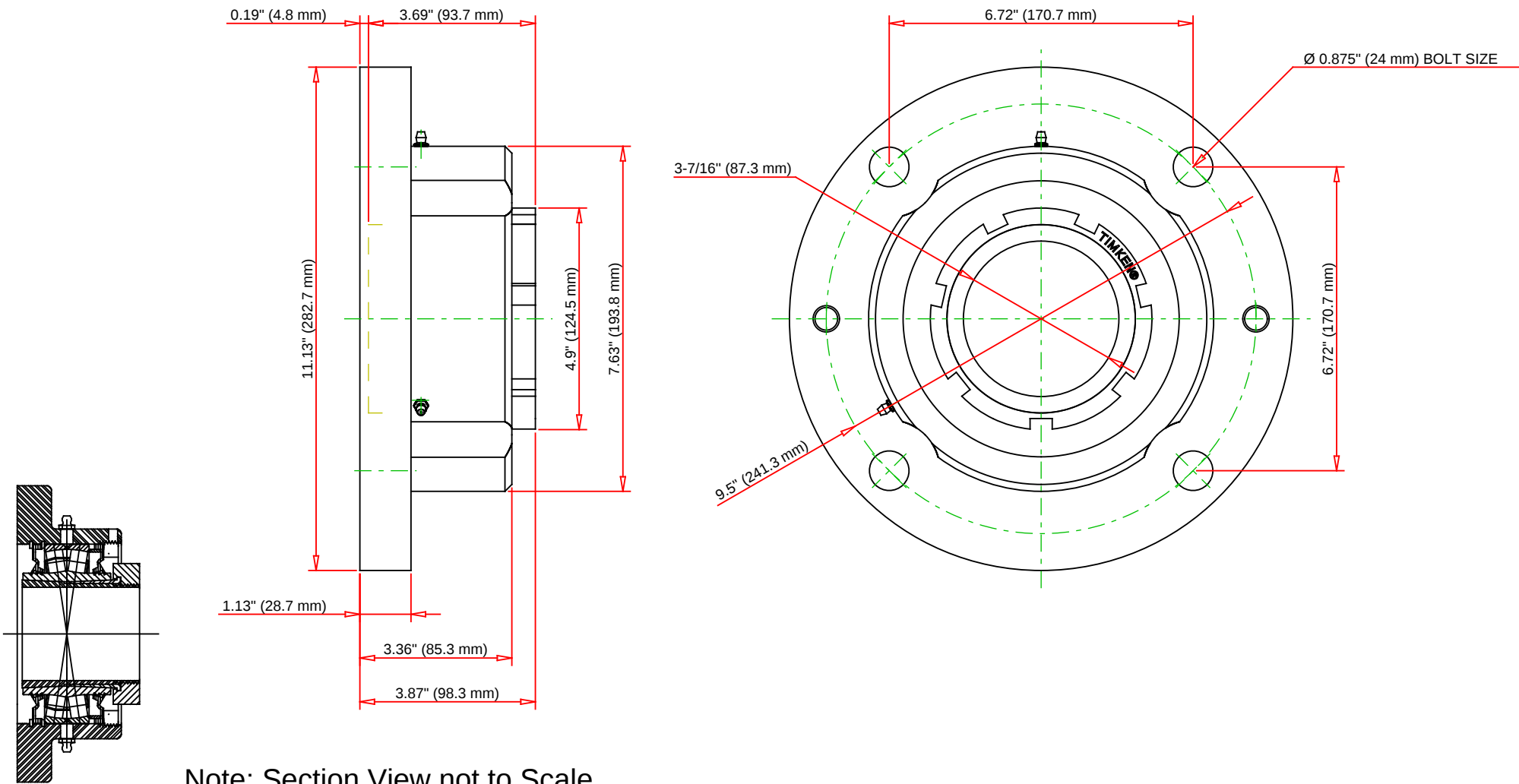
Grease Lubrication - B/C/O Seal	950 rpm
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Engineering Bearing Attributes

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 0.110 mm
Pre Install Clearance Max	0.0055 in 0.140 mm



Note: Section View not to Scale

C - Dynamic Load	86600	lbf	385000	N
C0 - Static Load	99000	lbf	441000	N
Weight	42	lb	19.1	kg
Max. Speed T-Seals & Grease	1800	rpm		
Rad. Clearance - Max.	0.0067			

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QVFY19V307S
Single V-Lock Round 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