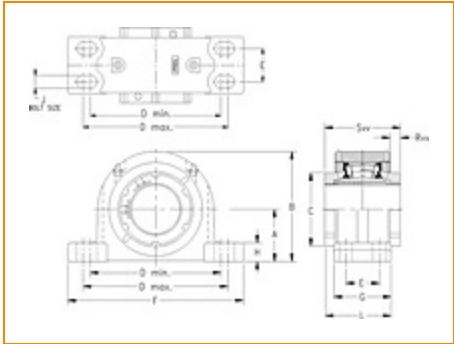
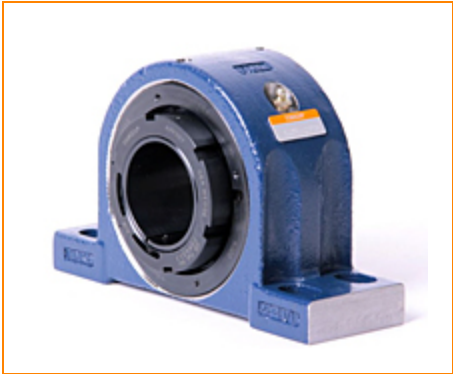




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Part Number QVVPF19V303S, Double V-Lock Four-Bolt Pillow Block



[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 3/16 in
Shaft Size Type	Imperial
Full Timken Part Number	QVVPF19V303SB QVVPF19V303SC QVVPF19V303SEB QVVPF19V303SEC QVVPF19V303SEM QVVPF19V303SEN QVVPF19V303SEO QVVPF19V303SET QVVPF19V303SM QVVPF19V303SN QVVPF19V303SO QVVPF19V303ST



Locking Style	Double V-Lock
Housing Construction	Four-Bolt Pillow Block
UPC Code	0883450075510
	0883450075541
	0883450075619
	0883450173858
	0883450174046
	0883450174237
	0883450203869
	0883450204248
	0883450216289
	0883450216661
	0883450228701
	0883450229081

Dimensions

Dimension A	3-3/4 in 95.3 mm
Dimension B	7.69 in 195.3 mm
Dimension C	4.9 in 124.5 mm
Dimension D Min	8.88 in 225.6 mm
Dimension D Max	10.88 in 276.4 mm
Dimension E	2 in 50.8 mm
Dimension F	12.3 in 312.4 mm
Dimension G	3.75 in 95.3 mm

Dimension H	1.56 in 39.6 mm
Dimension J (Bolt Size)	0.75 in 20 mm
Dimension L	4.19 in 106.4 mm
Dimension RVV	0.57 in 14.5 mm
Dimension SVV	4.63 in 117.6 mm

Radial and Thrust Factors

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

Engineering Seal Speed

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

Engineering Bearing Attributes

Float	0.083 in 2.108 mm
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Shaft Tolerance	0.0030 in 0.076 mm
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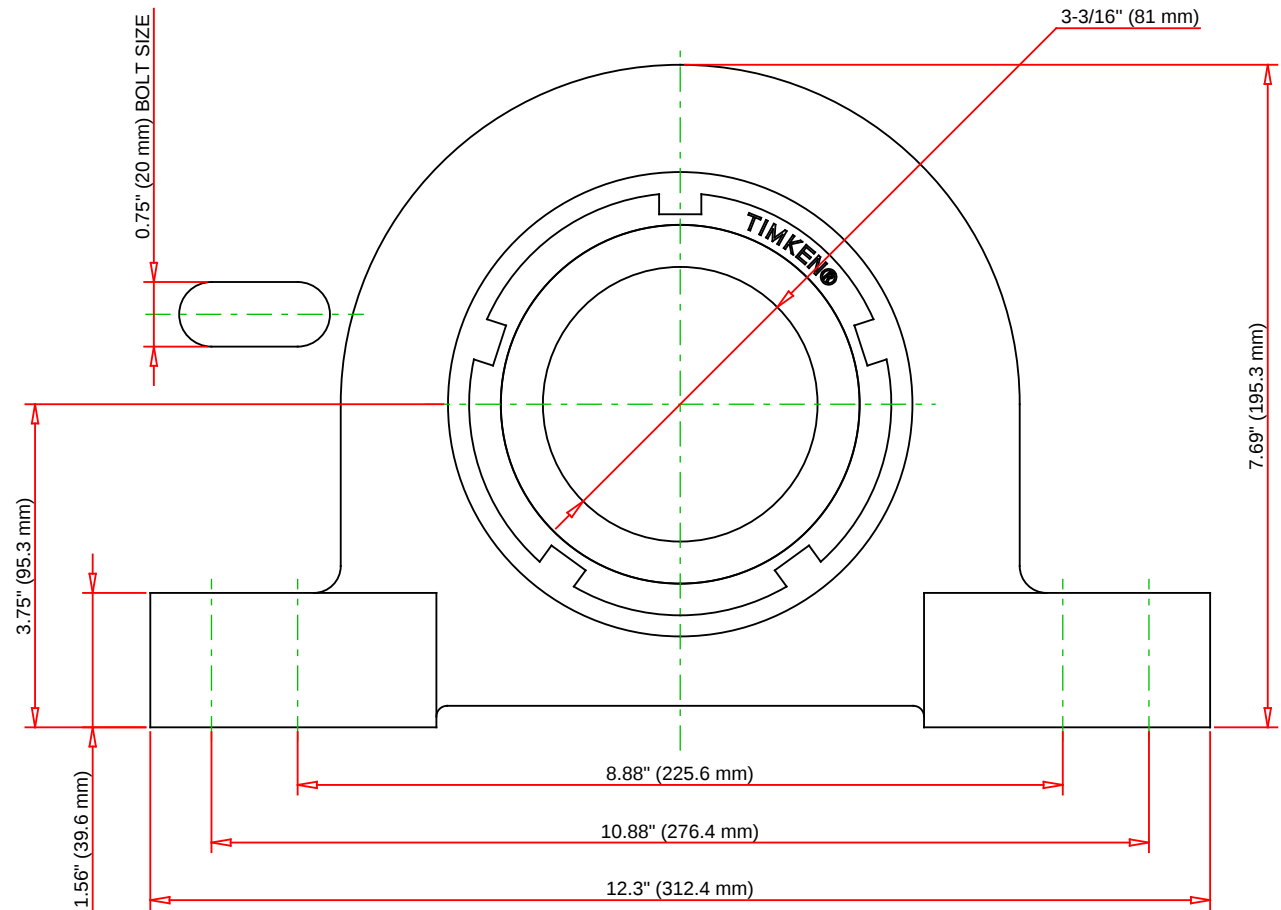
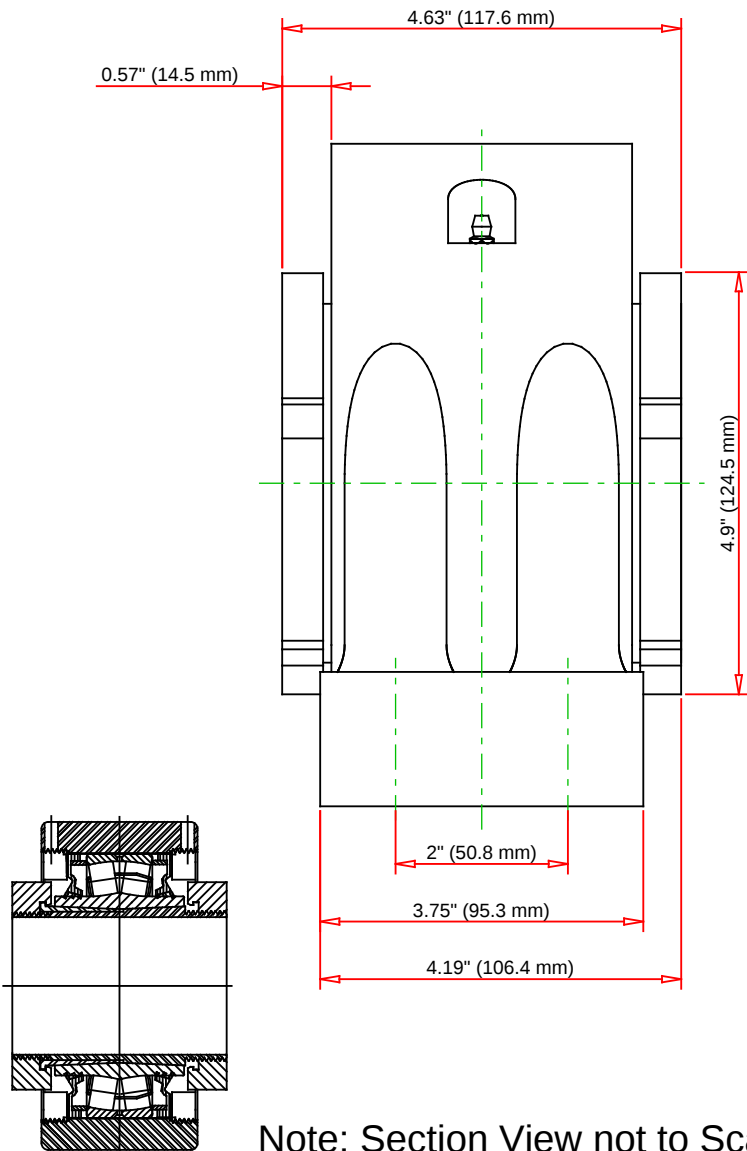
Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0043
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Eng Internal Radial Clearance - Max	0.0055
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Pre Install Clearance Min	0.0043 in 0.110 mm
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Pre Install Clearance Max	0.0055 in 0.140 mm
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Note: Section View not to Scale

C - Dynamic Load	86600	lbf	385000	N
C0 - Static Load	99000	lbf	441000	N
Weight	49	lb	22.2	kg
Max. Speed T-Seals & Grease	1800	rpm		
Rad. Clearance - Max.	0.0055			

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QVVPF19V303S
Double V-Lock Four-Bolt Pillow 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