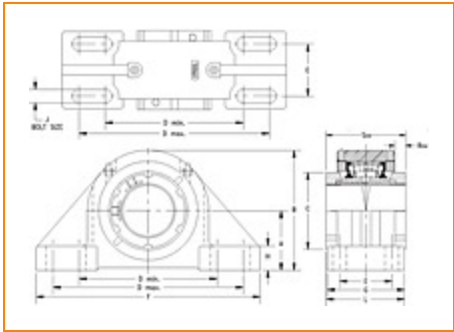
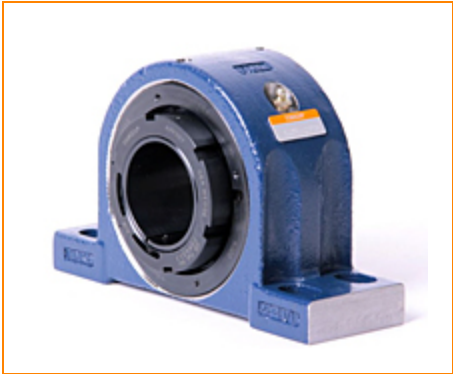




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Part Number QVVPX19V090S, Double V-Lock Four-Bolt Pillow Block



[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	90 mm
Shaft Size Type	Metric
Full Timken Part Number	QVVPX19V090SB QVVPX19V090SC QVVPX19V090SEB QVVPX19V090SEC QVVPX19V090SEM QVVPX19V090SEN QVVPX19V090SEO QVVPX19V090SET QVVPX19V090SM QVVPX19V090SN QVVPX19V090SO QVVPX19V090ST



Locking Style	Double V-Lock
Housing Construction	Four-Bolt Pillow Block
UPC Code	0883450371834
	0883450371841
	0883450371858
	0883450371865
	0883450371872
	0883450371889
	0883450371896
	0883450371902
	0883450371919
	0883450371926
	0883450371933
	0883450371940

Dimensions

Dimension A	4 in 101.6 mm
Dimension B	7.92 in 201.2 mm
Dimension C	4.9 in 124.5 mm
Dimension D Min	10.81 in 274.6 mm
Dimension D Max	12.19 in 309.6 mm
Dimension E	3 in 76.2 mm
Dimension F	15 in 381 mm
Dimension G	4.75 in 120.7 mm

Dimension H	1 1/2 in 38.1 mm
Dimension J (Bolt Size)	0.75 in 20 mm
Dimension L	4.69 in 119.1 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

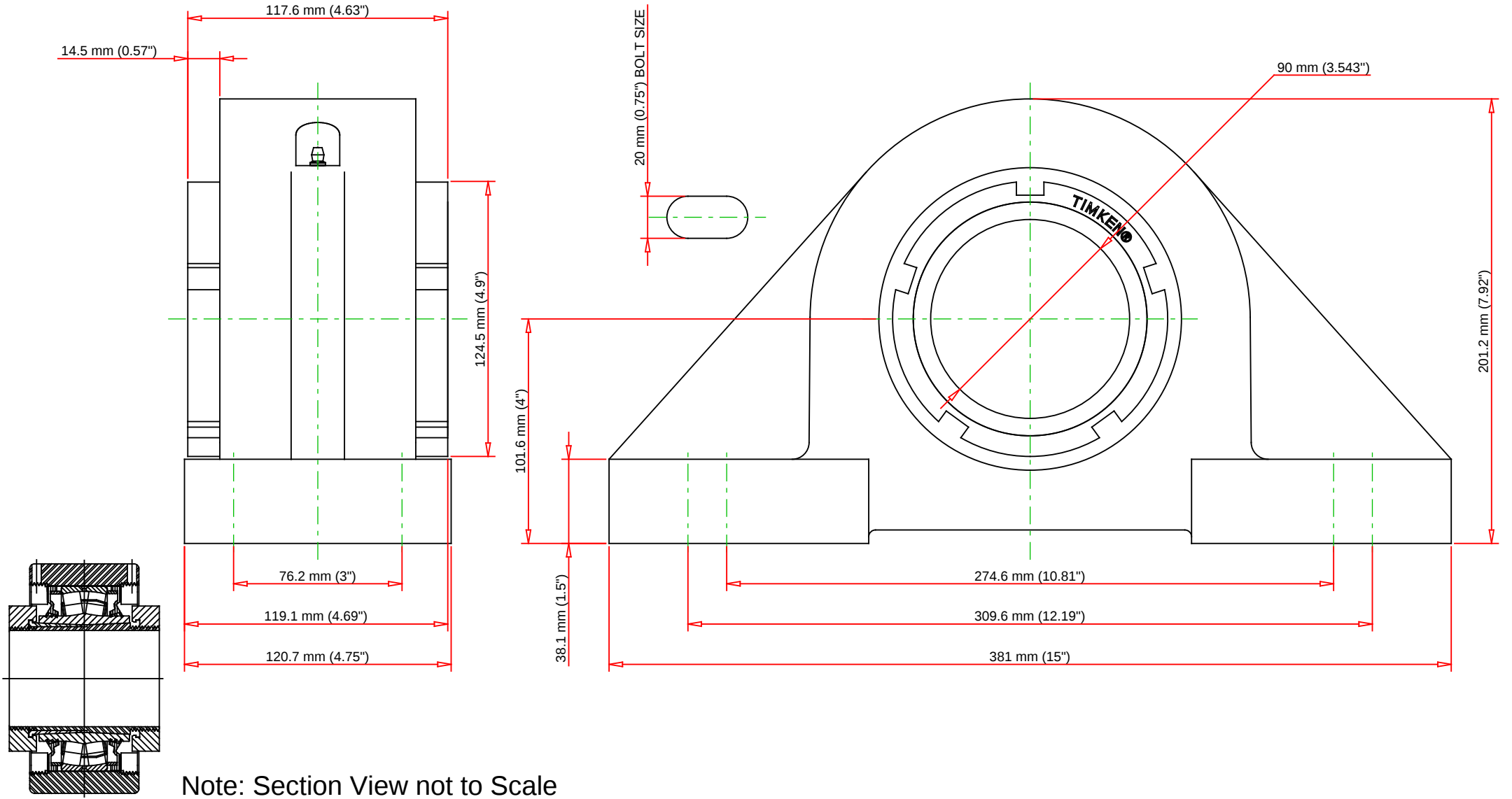
Oil Lubrication - M/N Seal	1300 rpm
Oil Lubrication - T Seal	2200 rpm
Oil Lubrication - B/C/O Seal	1000 rpm
Grease Lubrication - M/N Seal	1300 rpm
Grease Lubrication - T Seal	1800 rpm
Grease Lubrication - B/C/O Seal	950 rpm

Engineering Bearing Attributes

Float	0.083 in 2.108 mm
Shaft Tolerance	0.0030 in 0.076 mm

Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0043
Eng Internal Radial Clearance - Max	0.0055
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	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

QVVPX19V090S
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