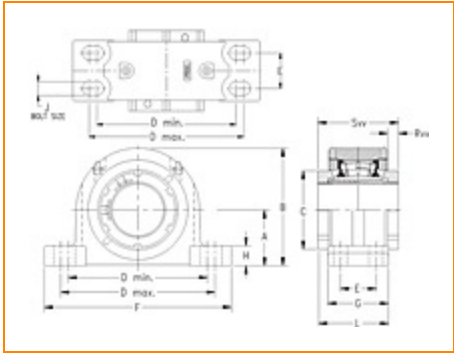
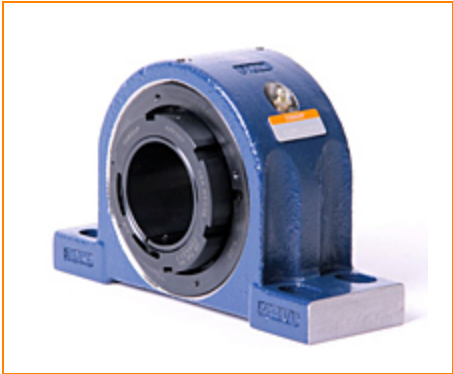




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Part Number QVPR19V307S, Double V-Lock Four-Bolt Pillow Block



[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 7/16 in
Shaft Size Type	Imperial
Full Timken Part Number	QVPR19V307SB QVPR19V307SC QVPR19V307SEB QVPR19V307SEC QVPR19V307SEM QVPR19V307SEN QVPR19V307SEO QVPR19V307SET QVPR19V307SM QVPR19V307SN QVPR19V307SO QVPR19V307ST



Locking Style	Double V-Lock
Housing Construction	Four-Bolt Pillow Block
UPC Code	0883450175784
	0883450175975
	0883450176163
	0883450176248
	0883450176439
	0883450176620
	0883450204620
	0883450204941
	0883450217040
	0883450217361
	0883450229463
	0883450229784

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	9.25 in 235 mm
Dimension D Max	11.25 in 285.8 mm
Dimension E	2.38 in 60.5 mm
Dimension F	13.63 in 346.2 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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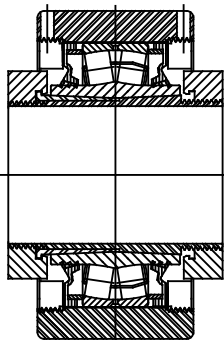
Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0043
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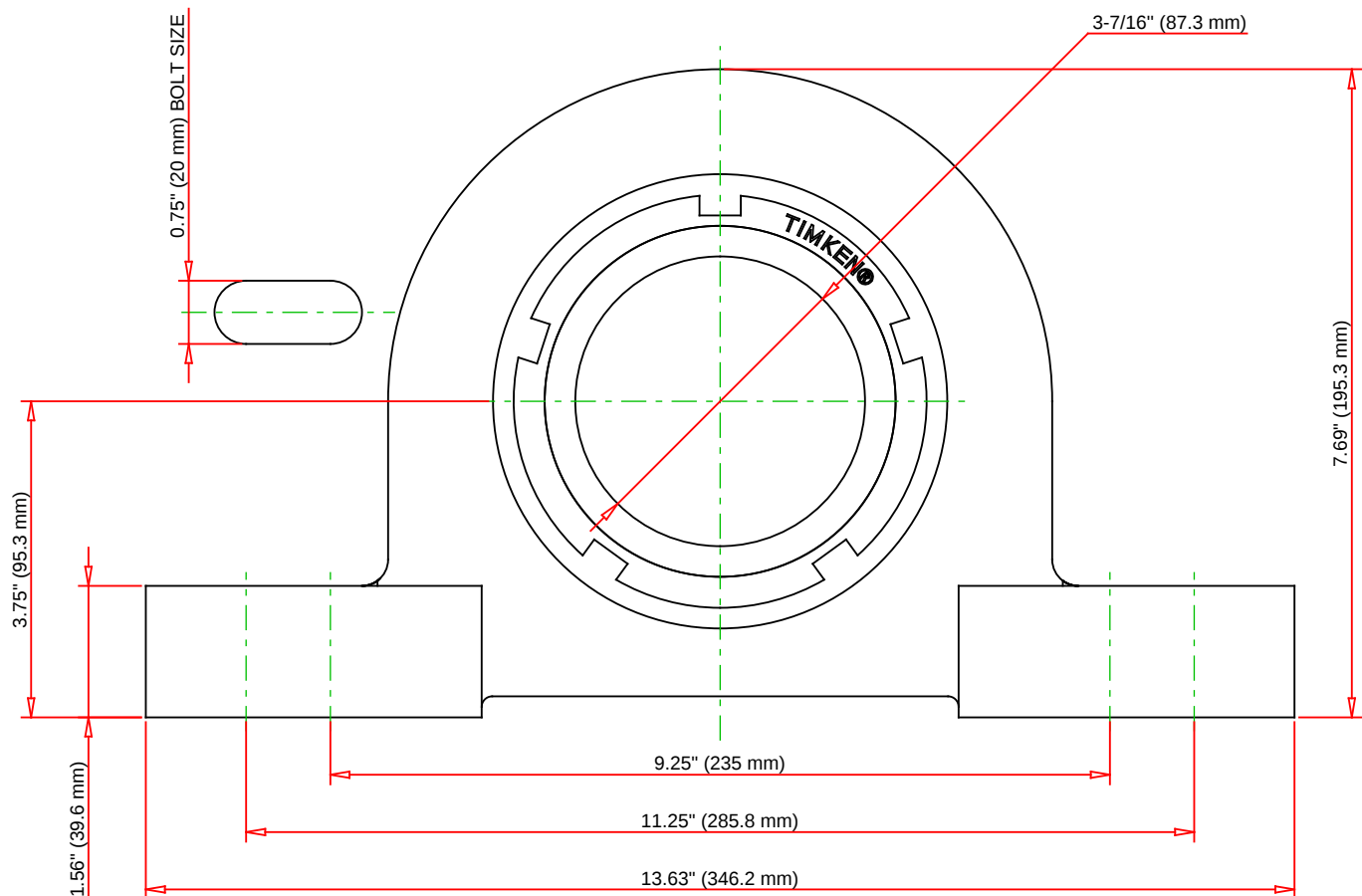
Eng Internal Radial Clearance - Max	0.0055
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Pre Install Clearance Min	0.0043 in 0.110 mm
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Pre Install Clearance Max	0.0055 in 0.140 mm
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Note: Section 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

QVVPR19V307S
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