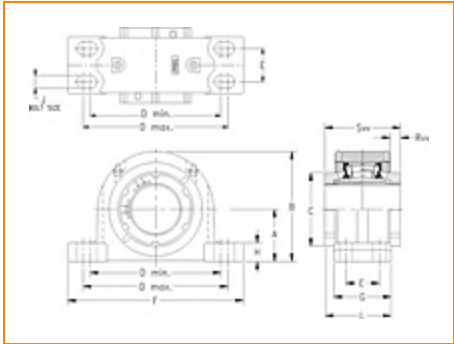
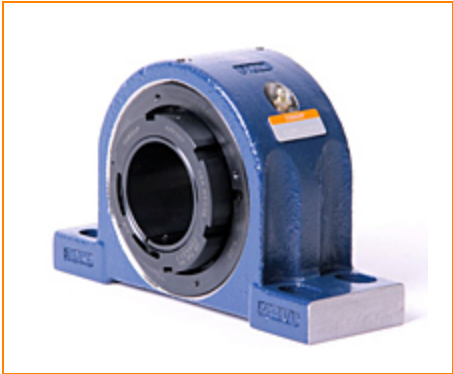




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Part Number QVVPF16V212S, Double V-Lock Four-Bolt Pillow Block



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

Specifications

Engineering Group	Mounted Bearing
Bearing Number	22216
Shaft Size	2 3/4 in
Shaft Size Type	Imperial
Full Timken Part Number	QVVPF16V212SB QVVPF16V212SC QVVPF16V212SEB QVVPF16V212SEC QVVPF16V212SEM QVVPF16V212SEN QVVPF16V212SEO QVVPF16V212SET QVVPF16V212SM QVVPF16V212SN QVVPF16V212SO QVVPF16V212ST



Locking Style	Double V-Lock
Housing Construction	Four-Bolt Pillow Block
UPC Code	0883450075046
	0883450075114
	0883450075145
	0883450173803
	0883450173995
	0883450174183
	0883450203814
	0883450204194
	0883450216234
	0883450216616
	0883450228657
	0883450229036

Dimensions

Dimension A	3.25 in 82.6 mm
Dimension B	6.59 in 167.4 mm
Dimension C	4.19 in 106.4 mm
Dimension D Min	7.6 in 193 mm
Dimension D Max	9.1 in 231.1 mm
Dimension E	1.88 in 47.8 mm
Dimension F	10.44 in 265.2 mm
Dimension G	3.13 in 79.5 mm

Dimension H	1.29 in 32.8 mm
Dimension J (Bolt Size)	0.625 in 16 mm
Dimension L	3.66 in 93 mm
Dimension RVV	0.6 in 15.2 mm
Dimension SVV	4.18 in 106.2 mm

Radial and Thrust Factors

C0 - Static Load	62500 lbf 278000 N
C - Dynamic Load (Basic)	57200 lbf 254000 N
e - Geometry Factor	0.22
Y1 - Geometry Factor	3.14
Y2 - Geometry Factor	4.67

Engineering Seal Speed

Oil Lubrication - M/N Seal	1500 rpm
Oil Lubrication - T Seal	2650 rpm
Oil Lubrication - B/C/O Seal	1200 rpm
Grease Lubrication - M/N Seal	1500 rpm
Grease Lubrication - T Seal	2200 rpm
Grease Lubrication - B/C/O Seal	1150 rpm

Engineering Bearing Attributes

Float	0.083 in 2.108 mm
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Shaft Tolerance	0.0020 in 0.051 mm
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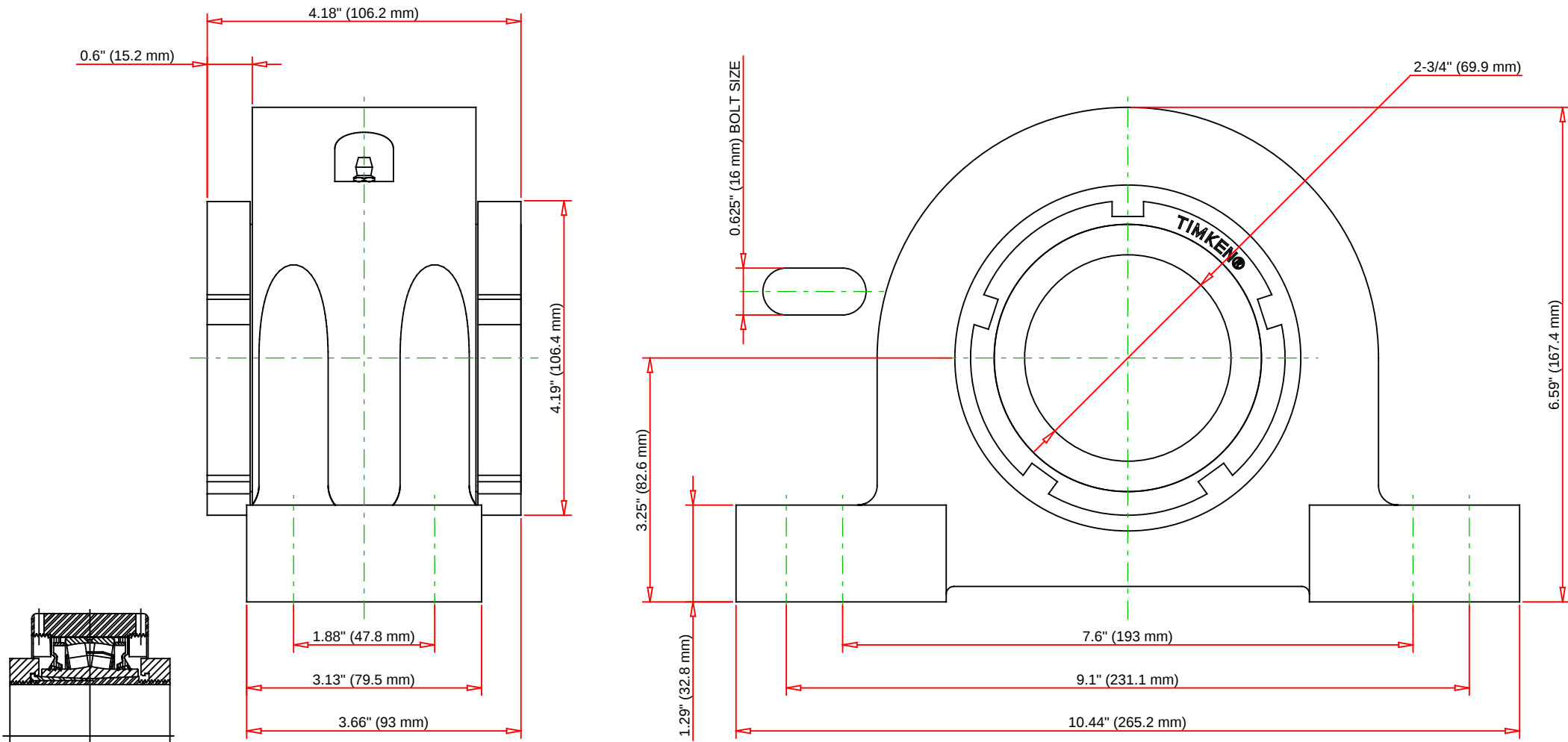
Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0037
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Eng Internal Radial Clearance - Max	0.0047
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Pre Install Clearance Min	0.0037 in 0.095 mm
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Pre Install Clearance Max	0.0047 in 0.120 mm
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Note: Section View not to Scale

C - Dynamic Load	57200	lbf	254000	N
C0 - Static Load	62500	lbf	278000	N
Weight	27	lb	12.2	kg
Max. Speed T-Seals & Grease	2200	rpm		
Rad. Clearance - Max.	0.0047			

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QVVPF16V212S
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