



The Timken Company

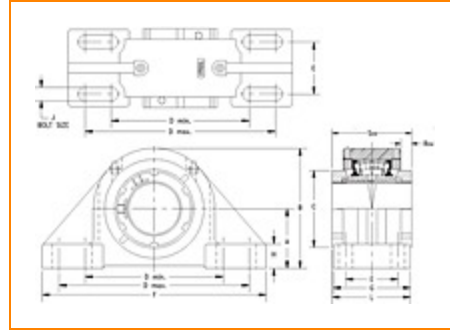
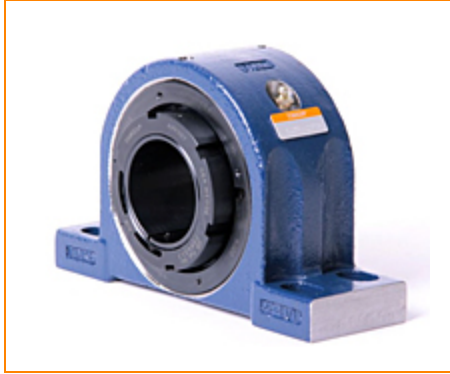
4500 Mt Pleasant St. NW

N. Canton, OH 44720

Phone: (234) 262-3000

E-Mail: CustomerCAD@timken.com • **Web site:** www.timken.com

Part Number QVVPX28V415S, 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 22228

Shaft Size 4 15/16 in

Shaft Size Type Imperial

Full Timken Part Number

- QVVPX28V415SB
- QVVPX28V415SC
- QVVPX28V415SEB
- QVVPX28V415SEC
- QVVPX28V415SEM
- QVVPX28V415SEN
- QVVPX28V415SEO
- QVVPX28V415SET
- QVVPX28V415SM
- QVVPX28V415SN
- QVVPX28V415SO
- QVVPX28V415ST



Locking Style	Double V-Lock
Housing Construction	Four-Bolt Pillow Block
UPC Code	0883450373760
	0883450373777
	0883450373784
	0883450373791
	0883450373807
	0883450373814
	0883450373821
	0883450373838
	0883450373845
	0883450373852
	0883450373869
	0883450373876

Dimensions

Dimension A	6.13 in 155.7 mm
Dimension B	11.55 in 293.4 mm
Dimension C	7.48 in 190 mm
Dimension D Min	15.25 in 387.4 mm
Dimension D Max	16.75 in 425.5 mm
Dimension E	4-1/4 in 108 mm
Dimension F	20.25 in 514.4 mm
Dimension G	6.75 in 171.5 mm

Dimension H	2 in 50.8 mm
Dimension J (Bolt Size)	1.125 in 24 mm
Dimension L	6.89 in 175 mm
Dimension RVV	1.21 in 30.7 mm
Dimension SVV	7.02 in 178.3 mm

Radial and Thrust Factors

C0 - Static Load	237000 lbf 1060000 N
C - Dynamic Load (Basic)	194000 lbf 863000 N
e - Geometry Factor	0.25
Y1 - Geometry Factor	2.67
Y2 - Geometry Factor	3.98

Engineering Seal Speed

Oil Lubrication - M/N Seal	650 rpm
Oil Lubrication - T Seal	1200 rpm
Oil Lubrication - B/C/O Seal	350 rpm
Grease Lubrication - M/N Seal	650 rpm
Grease Lubrication - T Seal	900 rpm
Grease Lubrication - B/C/O Seal	350 rpm

Engineering Bearing Attributes

Float	0.083 in 2.108 mm
--------------	----------------------

Shaft Tolerance	0.0050 in 0.127 mm
------------------------	-----------------------

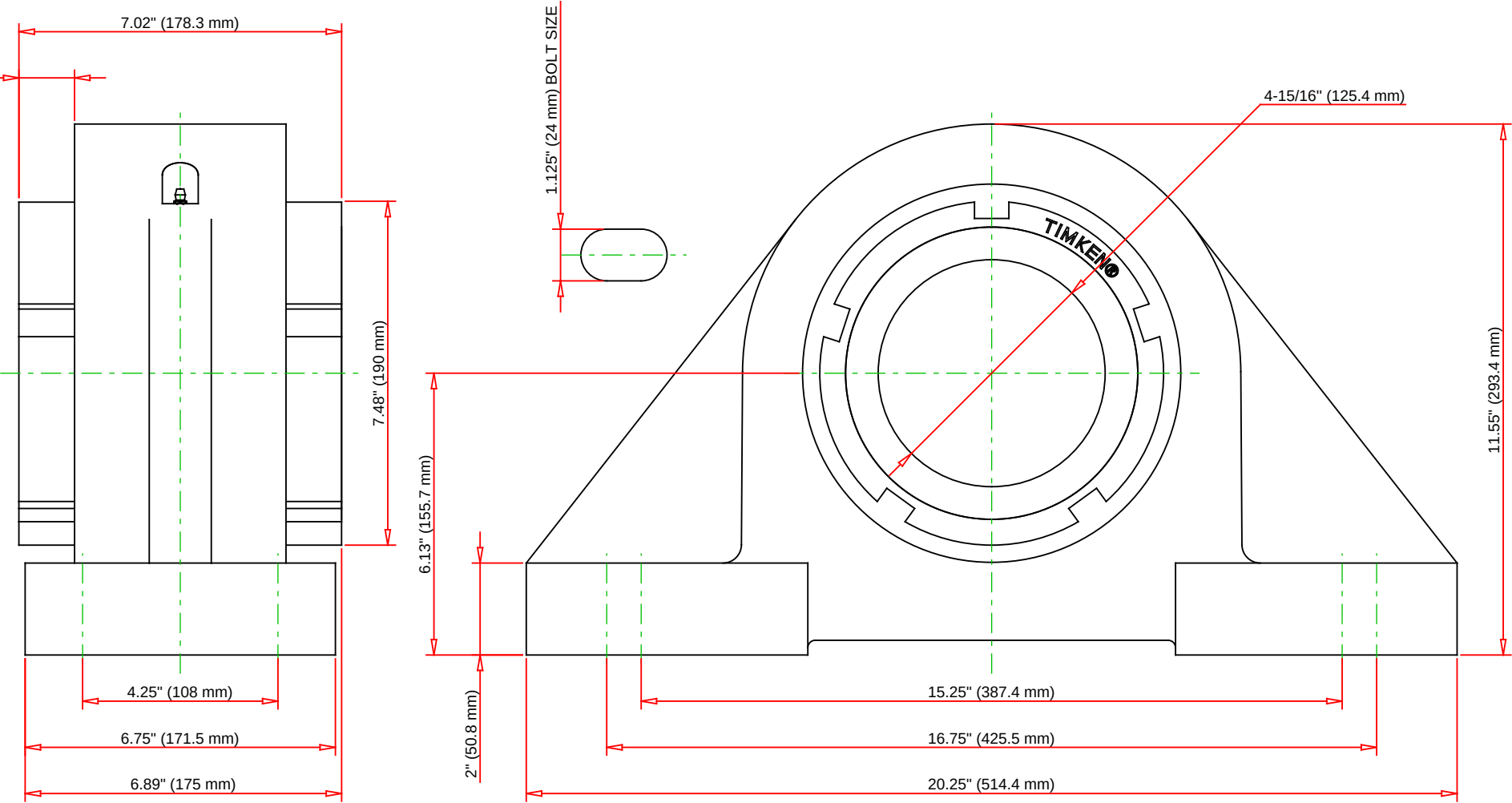
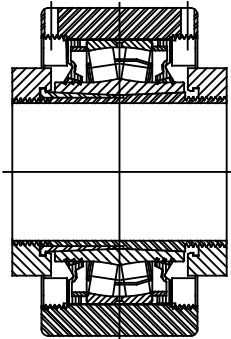
Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0063
--	--------

Eng Internal Radial Clearance - Max	0.0079
--	--------

Pre Install Clearance Min	0.0063 in 0.160 mm
----------------------------------	-----------------------

Pre Install Clearance Max	0.0079 in 0.201 mm
----------------------------------	-----------------------



Note: Section View not to Scale

C - Dynamic Load	194000	lbf	863000	N
C0 - Static Load	237000	lbf	1060000	N
Weight	136	lb	61.7	kg
Max. Speed T-Seals & Grease	900	rpm		
Rad. Clearance - Max.	0.0079			

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QVVPX28V415S
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