



The Timken Company

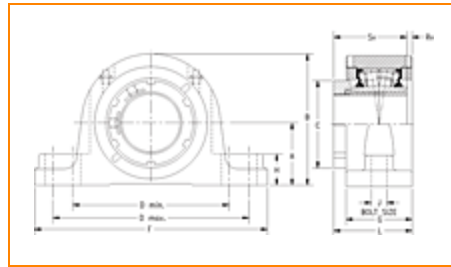
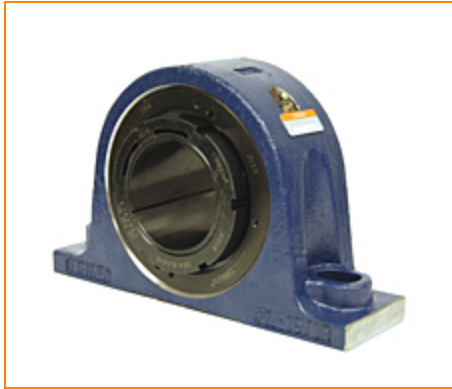
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Timken Part Number QVSN16V070S, Single V-Lock Two-Bolt Pillow Block



[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	70 mm
Shaft Size Type	Metric
Full Timken Part Number	QVSN16V070SB QVSN16V070SC QVSN16V070SEB QVSN16V070SEC QVSN16V070SEM QVSN16V070SEN QVSN16V070SEO QVSN16V070SET QVSN16V070SM QVSN16V070SMNP QVSN16V070SN QVSN16V070SO QVSN16V070ST

QVSN16V070STNG

Locking Style	Single V-Lock
Weight	46.0 lb 20.9 Kg
Housing Construction	Two-Bolt Pillow Block
UPC Code	0883450147378 0883450147385 0883450147415 0883450147422 0883450177429 0883450177863 0883450205030 0883450205412 0883450217453 0883450217835 0883450229876 0883450230254 0883450433402 0883450433778

Dimensions

Dimension A	3.74 in 95.0 mm
Dimension B	7.20 in 183 mm
Dimension C	4.17 in 106.0 mm
Dimension D Max	10.98 in 279.0 mm
Dimension D Min	9.49 in 241.0 mm
Dimension F	12.44 in 316.0 mm
Dimension G	2.990 in 76.00 mm

Dimension H	1.33 in 34.0 mm
Dimension J (Bolt Size)	0.750 in 20 mm
Dimension L	3.58 in 91.0 mm
Dimension RV	0.29 in 7.4 mm
Dimension SV	3.29 in 83.6 mm

Radial and Thrust Factors

C0 - Static Load	62500 lb 278 kN
C - Dynamic Load (Basic)	57200 lb 254 kN
e - Geometry Factor	0.22
Y1 - Geometry Factor	3.14
Y2 - Geometry Factor	4.67

Engineering Seal Speed

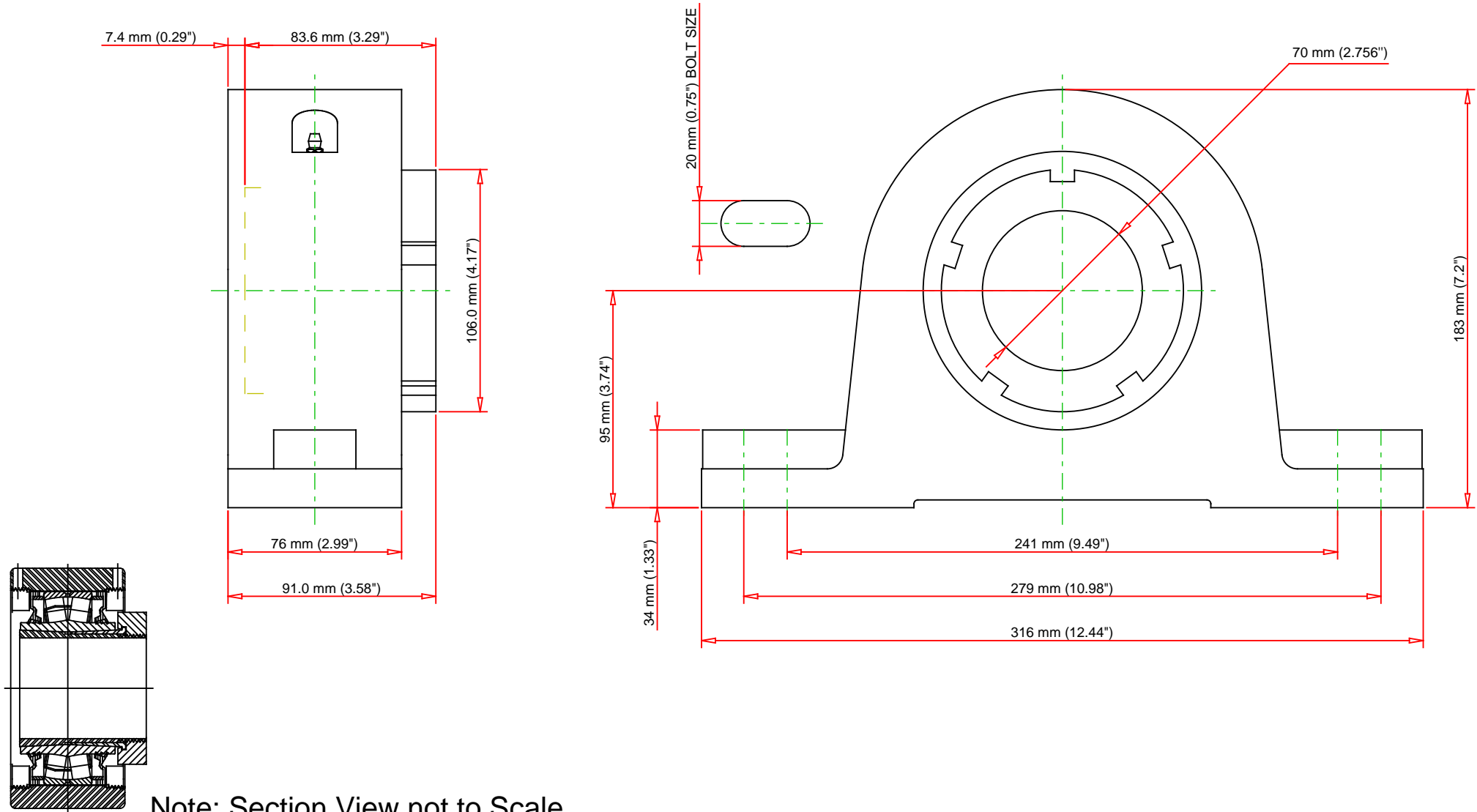
Oil Lubrication - M/N Seal	1500 rpm
Oil Lubrication - T Seal	2650 rpm
Oil Lubrication - B/C/O Seal	1200 rpm
Grease Lubrication - M/N Seal	1500 rpm
Grease Lubrication - T Seal	2200 rpm
Grease Lubrication - B/C/O Seal	1150 rpm

Engineering Bearing Attributes

Float	0.083 in 2.108 mm
Shaft Tolerance	0.0020 in 0.051 mm

Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0037
Eng Internal Radial Clearance - Max	0.0047
Pre Install Clearance Min	0.0037 in 0.095 mm
Pre Install Clearance Max	0.0047 in 0.120 mm



C - Dynamic Load	57200	lb	254	kN
C0 - Static Load	62500	lb	278	kN
Weight	46	lb	20.9	kg
Max. Speed T-Seals & Grease	2200	rpm		
Rad. Clearance - Max.	0.0047			

TIMKEN

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NORTH CANTON, OHIO USA

QVSN16V070S
Single V-Lock Two-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