


The Timken Company

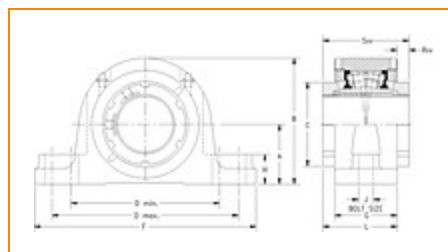
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Part Number QVVSN19V085S, Double V-Lock Two-Bolt Pillow Block



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Specifications

Engineering Group	Mounted Bearing
Bearing Number	22219
Shaft Size	85 mm
Shaft Size Type	Metric
Full Timken Part Number	QVVSN19V085SB QVVSN19V085SC QVVSN19V085SEB QVVSN19V085SEC QVVSN19V085SEM QVVSN19V085SEN QVVSN19V085SEO QVVSN19V085SET QVVSN19V085SM QVVSN19V085SN QVVSN19V085SO QVVSN19V085ST



Locking Style	Double V-Lock
Housing Construction	Two-Bolt Pillow Block
UPC Code	0883450087919 0883450099141 0883450099653 0883450108089 0883450108270 0883450114912 0883450115155 0883450130424 0883450130554 0883450138536 0883450138864 0883450358101

Dimensions

Dimension A	4.41 in 112 mm
Dimension B	8.34 in 212 mm
Dimension C	4.88 in 124 mm
Dimension D Min	10.98 in 279 mm
Dimension D Max	11.5 in 292 mm
Dimension F	13.58 in 345 mm
Dimension G	3.31 in 84 mm
Dimension H	1.53 in 39 mm

Dimension J (Bolt Size)	0.75 in 20 mm
Dimension L	4.02 in 102 mm
Dimension RVV	0.63 in 16 mm
Dimension SVV	4.65 in 118 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

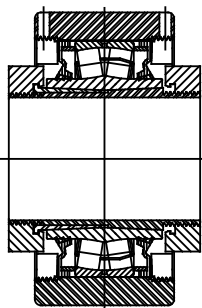
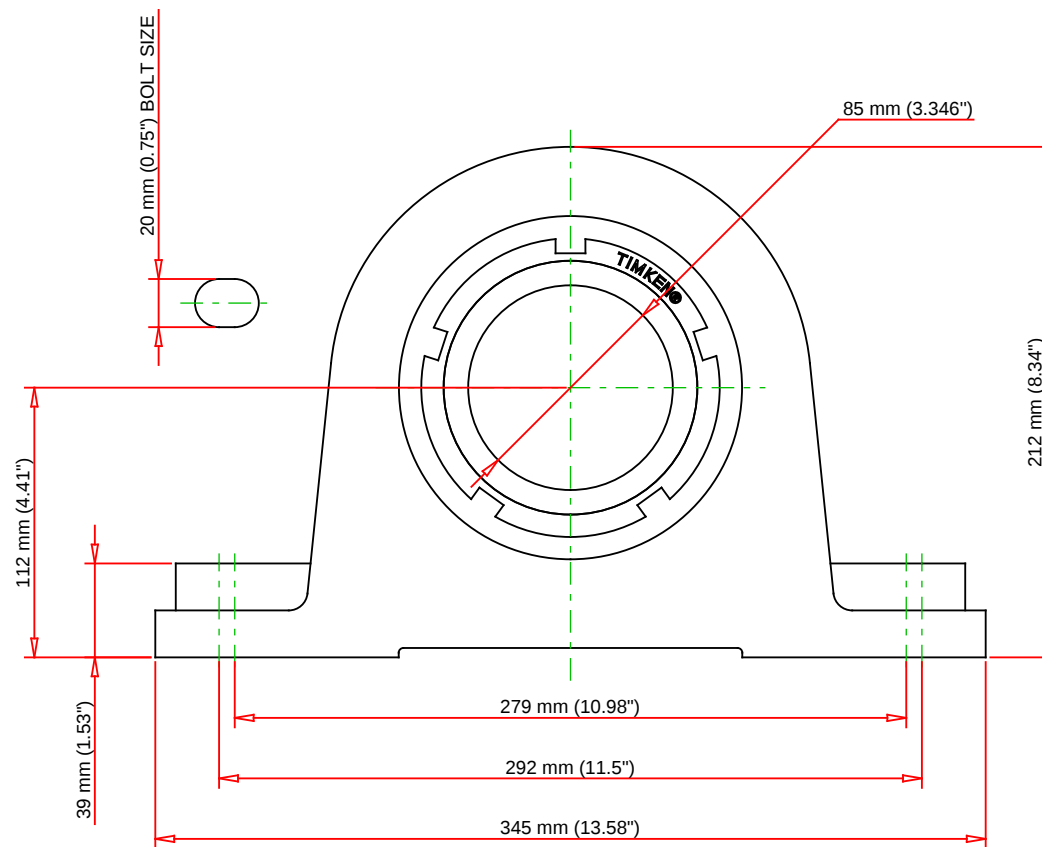
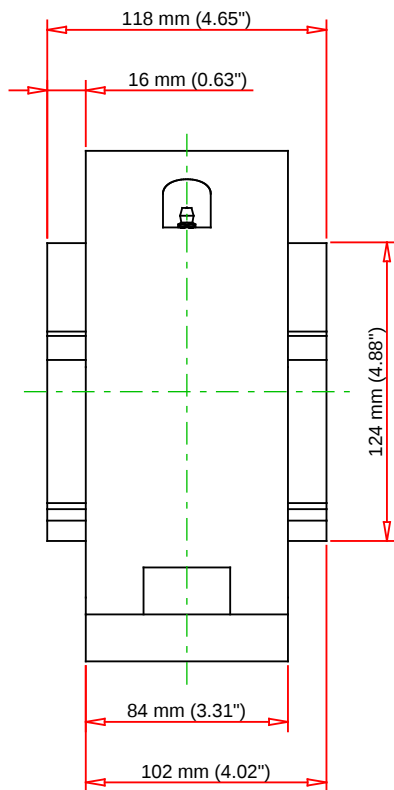
Oil Lubrication - M/N Seal	1300 rpm
Oil Lubrication - T Seal	2200 rpm
Oil Lubrication - B/C/O Seal	1000 rpm
Grease Lubrication - M/N Seal	1300 rpm
Grease Lubrication - T Seal	1800 rpm
Grease Lubrication - B/C/O Seal	950 rpm

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	56	lb	25.4	kg
Max. Speed T-Seals & Grease	1800	rpm		
Rad. Clearance - Max.	0.0055			

TIMKEN

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NORTH CANTON, OHIO USA

QVVSN19V085S
Double 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