



The Timken Company

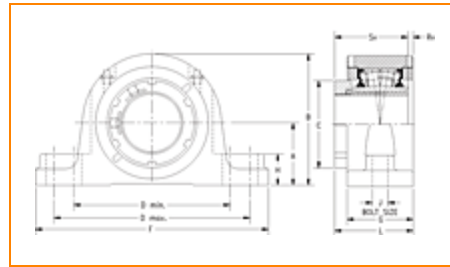
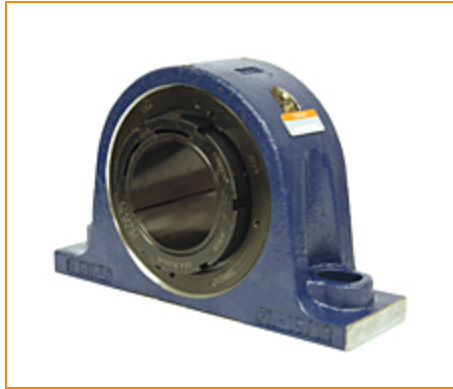
4500 Mt Pleasant St. NW

N. Canton, OH 44720

Phone: (234) 262-3000

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

Timken Part Number QVSN14V060S, Single V-Lock Two-Bolt Pillow Block



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Specifications

Engineering Group Mounted Bearing

Bearing Number 22214

Shaft Size 60 mm

Shaft Size Type Metric

Full Timken Part Number

- QVSN14V060SB
- QVSN14V060SC
- QVSN14V060SEB
- QVSN14V060SEC
- QVSN14V060SEM
- QVSN14V060SEN
- QVSN14V060SEO
- QVSN14V060SET
- QVSN14V060SM
- QVSN14V060SN
- QVSN14V060SO
- QVSN14V060ST

| | |
|-----------------------------|--|
| Locking Style | Single V-Lock |
| Weight | 37.0 lb 16.8 Kg |
| Housing Construction | Two-Bolt Pillow Block |
| UPC Code | 0883450177368 0883450177559 0883450177566 0883450177801 0883450177993 0883450178013 0883450204972 0883450205351 0883450217392 0883450217774 0883450229814 0883450230193 |

Dimensions

| | |
|------------------------|-----------------------|
| Dimension A | 3.15 in 80.0 mm |
| Dimension B | 6.18 in 157.00 mm |
| Dimension C | 3.7 in 94 mm |
| Dimension D Max | 9.25 in 235.0 mm |
| Dimension D Min | 7.72 in 196.0 mm |
| Dimension F | 10.83 in 275.00 mm |
| Dimension G | 2.910 in 74.00 mm |
| Dimension H | 1.38 in 35.0 mm |

| | |
|--------------------------------|--------------------|
| Dimension J (Bolt Size) | 0.625 in 16 mm |
| Dimension L | 3.50 in 89.0 mm |
| Dimension RV | 0.31 in 7.9 mm |
| Dimension SV | 3.19 in 81 mm |

Radial and Thrust Factors

| | |
|---------------------------------|--------------------|
| C0 - Static Load | 52000 lb 231 kN |
| C - Dynamic Load (Basic) | 47800 lb 213 kN |
| e - Geometry Factor | 0.23 |
| Y1 - Geometry Factor | 2.90 |
| Y2 - Geometry Factor | 4.32 |

Engineering Seal Speed

| | |
|--|----------|
| Oil Lubrication - M/N Seal | 1700 rpm |
| Oil Lubrication - T Seal | 3050 rpm |
| Oil Lubrication - B/C/O Seal | 1400 rpm |
| Grease Lubrication - M/N Seal | 1700 rpm |
| Grease Lubrication - T Seal | 2600 rpm |
| Grease Lubrication - B/C/O Seal | 1400 rpm |

Engineering Bearing Attributes

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

| | |
|------------------------|-----------------------|
| Shaft Tolerance | 0.0015 in 0.038 mm |
|------------------------|-----------------------|

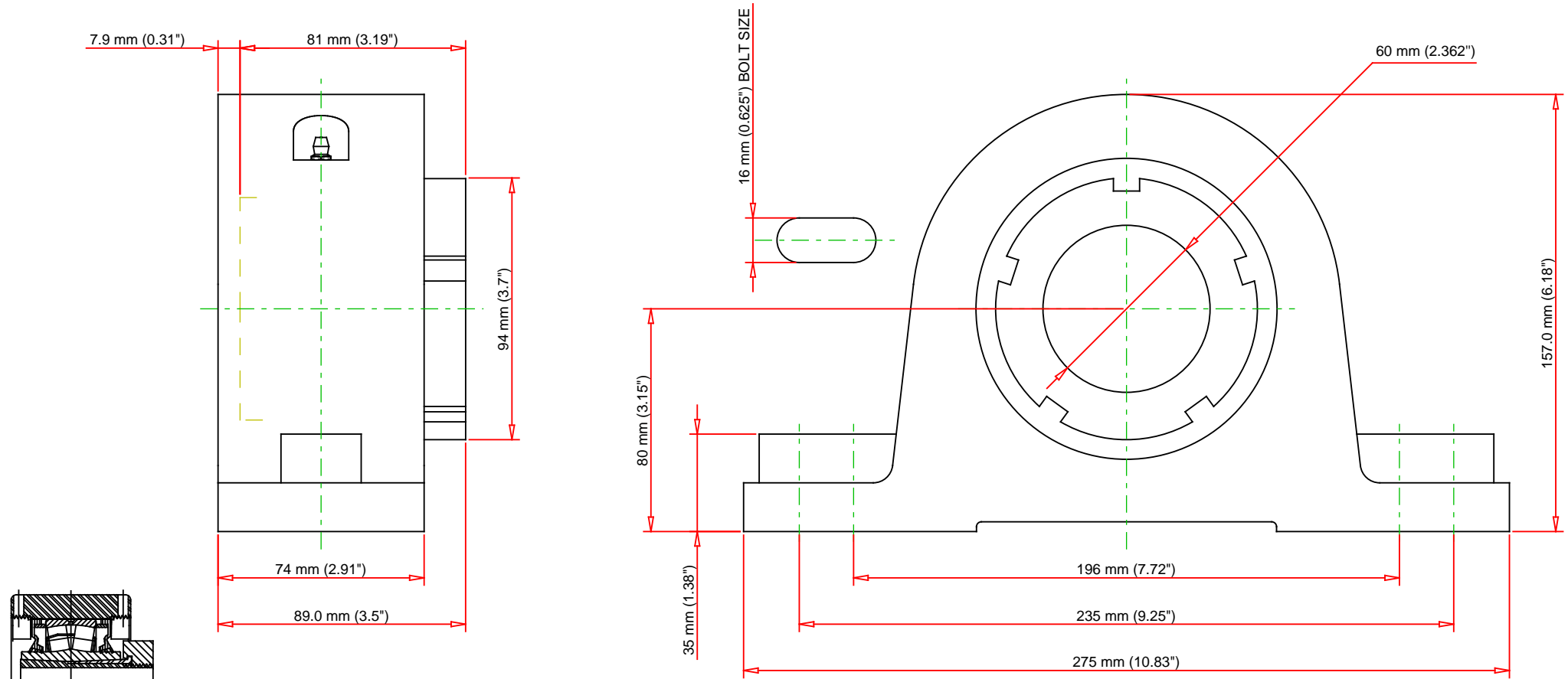
Engineering Internal Radial Clearance

| | |
|--|--------|
| Eng Internal Radial Clearance - Min | 0.0030 |
|--|--------|

| | |
|--|--------|
| Eng Internal Radial Clearance - Max | 0.0037 |
|--|--------|

| | |
|----------------------------------|-----------------------|
| Pre Install Clearance Min | 0.0030 in 0.075 mm |
|----------------------------------|-----------------------|

| | |
|----------------------------------|-----------------------|
| Pre Install Clearance Max | 0.0037 in 0.094 mm |
|----------------------------------|-----------------------|



Note: Section View not to Scale

| | | | | |
|-----------------------------|--------|-----|------|----|
| C - Dynamic Load | 47800 | lb | 213 | kN |
| C0 - Static Load | 52000 | lb | 231 | kN |
| Weight | 37 | lb | 16.8 | kg |
| Max. Speed T-Seals & Grease | 2600 | rpm | | |
| Rad. Clearance - Max. | 0.0037 | | | |

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QVSN14V060S
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