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| Locking Style | Single V-Lock |
| Housing Construction | Four-Bolt Pillow Block |
| UPC Code | 0883450148146 0883450148382 0883450153010 0883450153164 0883450175326 0883450175630 0883450185141 0883450185370 0883450277518 0883450278409 0883450282970 0883450283120 |

Dimensions

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|------------------------|----------------------|
| Dimension A | 3 in 76.2 mm |
| Dimension B | 5.95 in 151.1 mm |
| Dimension C | 3.16 in 80.3 mm |
| Dimension D Min | 7.18 in 182.4 mm |
| Dimension D Max | 8.56 in 217.4 mm |
| Dimension E | 2 in 50.8 mm |
| Dimension F | 10.31 in 261.9 mm |
| Dimension G | 3.25 in 82.6 mm |

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| Dimension H | 1.23 in 31.2 mm |
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| Dimension J (Bolt Size) | 0.5 in 12 mm |
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|--------------------|--------------------|
| Dimension L | 3.64 in 92.5 mm |
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|---------------------|-------------------|
| Dimension RV | 0.09 in 2.3 mm |
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| Dimension SV | 3.36 in 85.3 mm |
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Radial and Thrust Factors

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|-------------------------|-----------------------|
| C0 - Static Load | 48600 lbf 216000 N |
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|---------------------------------|-----------------------|
| C - Dynamic Load (Basic) | 46400 lbf 206000 N |
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| e - Geometry Factor | 0.24 |
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|-----------------------------|------|
| Y1 - Geometry Factor | 2.79 |
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|-----------------------------|------|
| Y2 - Geometry Factor | 4.15 |
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Engineering Seal Speed

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|-----------------------------------|----------|
| Oil Lubrication - M/N Seal | 1800 rpm |
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|---------------------------------|----------|
| Oil Lubrication - T Seal | 3200 rpm |
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| Oil Lubrication - B/C/O Seal | 1500 rpm |
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|--------------------------------------|----------|
| Grease Lubrication - M/N Seal | 1800 rpm |
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| Grease Lubrication - T Seal | 2800 rpm |
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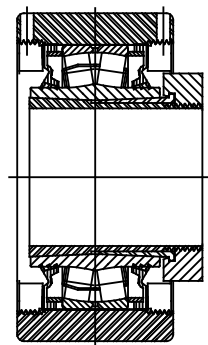
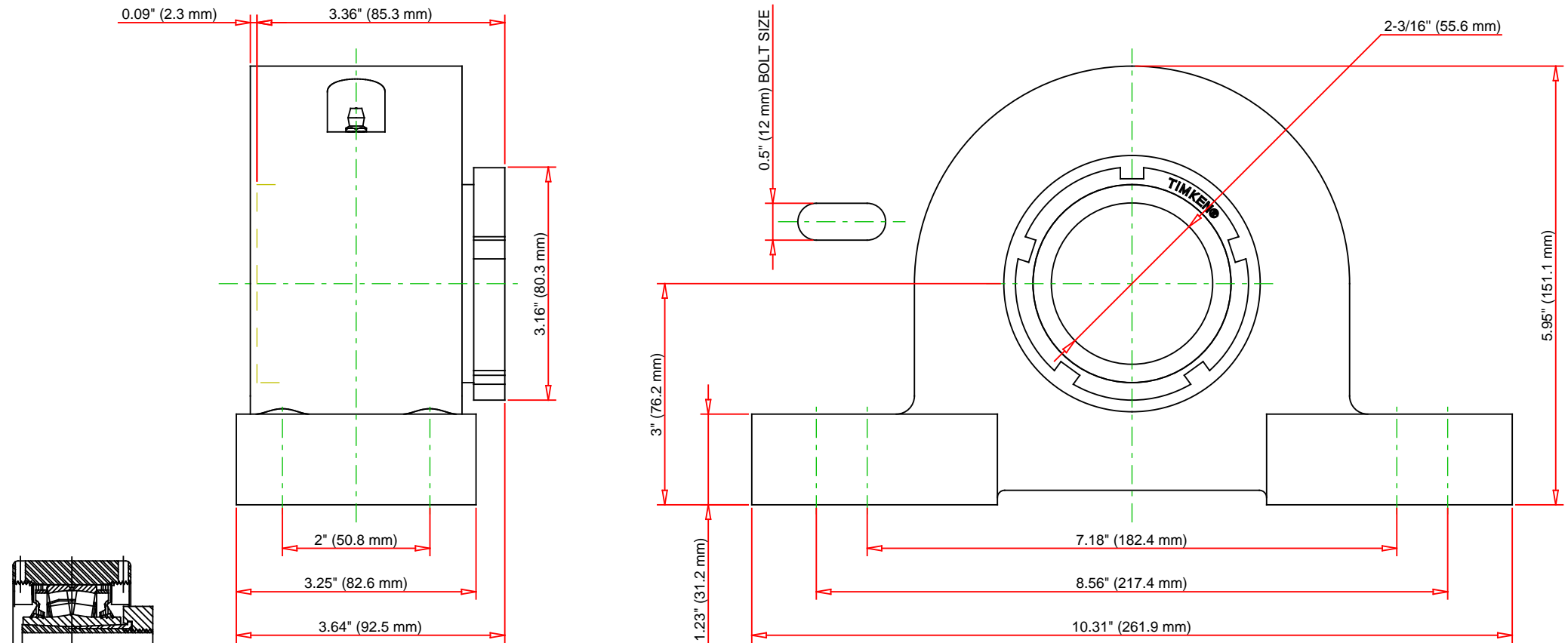
| | |
|--|----------|
| Grease Lubrication - B/C/O Seal | 1500 rpm |
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Engineering Bearing Attributes

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|------------------------|-----------------------|
| Float | 0.083 in 2.108 mm |
| Shaft Tolerance | 0.0015 in 0.038 mm |

Engineering Internal Radial Clearance

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| Eng Internal Radial Clearance - Min | 0.0030 |
| Eng Internal Radial Clearance - Max | 0.0037 |
| Pre Install Clearance Min | 0.0030 in 0.076 mm |
| Pre Install Clearance Max | 0.0037 in 0.094 mm |



Note: Section View not to Scale

| | | | | |
|-----------------------------|--------|-----|--------|----|
| C - Dynamic Load | 46400 | lbf | 206000 | N |
| C0 - Static Load | 48600 | lbf | 216000 | N |
| Weight | 25 | lb | 11.3 | kg |
| Max. Speed T-Seals & Grease | 2800 | rpm | | |
| Rad. Clearance - Max. | 0.0037 | | | |

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QVPH13V203S
Single 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.

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