


**The Timken Company**

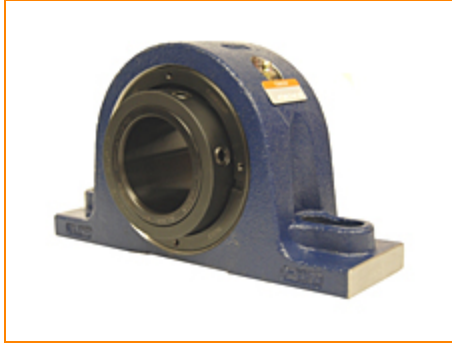
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## Part Number QASN15A075S, Single Concentric Two-Bolt Pillow Block



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## Specifications

<b>Engineering Group</b>	Mounted Bearing
<b>Bearing Number</b>	22215
<b>Shaft Size</b>	75 mm
<b>Shaft Size Type</b>	Metric
<b>Full Timken Part Number</b>	QASN15A075SB QASN15A075SC QASN15A075SEB QASN15A075SEC QASN15A075SEM QASN15A075SEN QASN15A075SEO QASN15A075SET QASN15A075SM QASN15A075SN QASN15A075SO



QASN15A075ST

**Locking Style**

Single Concentric

**Housing Construction**

Two-Bolt Pillow Block

**UPC Code**

0883450354042  
 0883450354059  
 0883450354066  
 0883450354073  
 0883450354080  
 0883450354097  
 0883450354103  
 0883450354110  
 0883450354127  
 0883450354134  
 0883450354141  
 0883450354158

**Dimensions****Dimension A**

3.74 in  
 95 mm

**Dimension B**

7.2 in  
 183 mm

**Dimension C**

4.29 in  
 114 mm

**Dimension D Min**

9.49 in  
 241 mm

**Dimension D Max**

10.98 in  
 279 mm

**Dimension F**

12.44 in  
 316 mm

**Dimension G**

2.99 in  
 76 mm

**Dimension H**

1.34 in  
 34 mm

<b>Dimension J (Bolt Size)</b>	0.75 in 20 mm
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<b>Dimension KA</b>	1.26 in 32 mm
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<b>Dimension L</b>	3.86 in 98 mm
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<b>Dimension M</b>	2.36 in 60 mm
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<b>Dimension RA</b>	0.24 in 6 mm
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<b>Dimension SA</b>	3.62 in 92 mm
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## Radial and Thrust Factors

<b>C0 - Static Load</b>	54100 lbf 240000 N
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<b>C - Dynamic Load (Basic)</b>	49900 lbf 222000 N
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<b>e - Geometry Factor</b>	0.22
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<b>Y1 - Geometry Factor</b>	3.14
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<b>Y2 - Geometry Factor</b>	4.67
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## Engineering Seal Speed

<b>Oil Lubrication - M/N Seal</b>	1600 rpm
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<b>Oil Lubrication - T Seal</b>	2900 rpm
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<b>Oil Lubrication - B/C/O Seal</b>	1300 rpm
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<b>Grease Lubrication - M/N Seal</b>	1600 rpm
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<b>Grease Lubrication - T Seal</b>	2400 rpm
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<b>Grease Lubrication - B/C/O Seal</b>	1300 rpm
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### Engineering Bearing Attributes

<b>Float</b>	0.083 in 2.108 mm
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<b>Shaft Tolerance</b>	0.0020 in 0.051 mm
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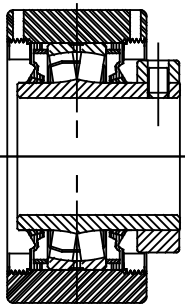
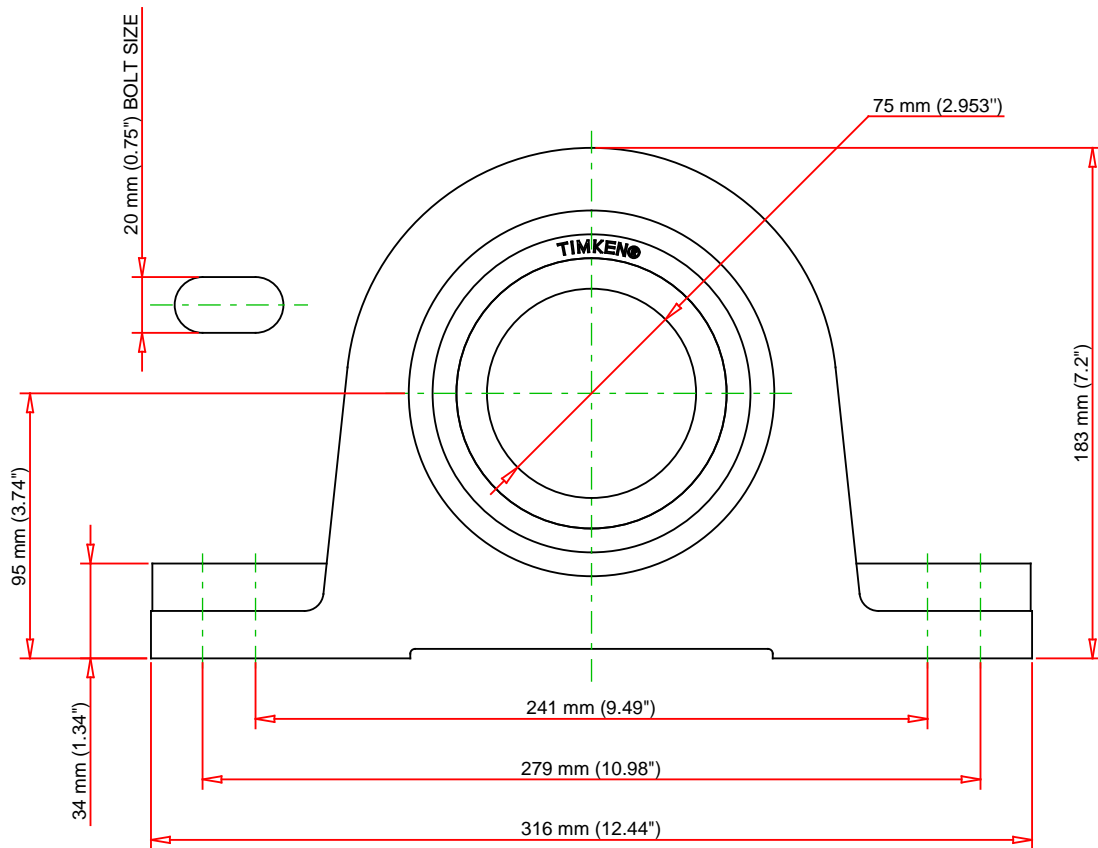
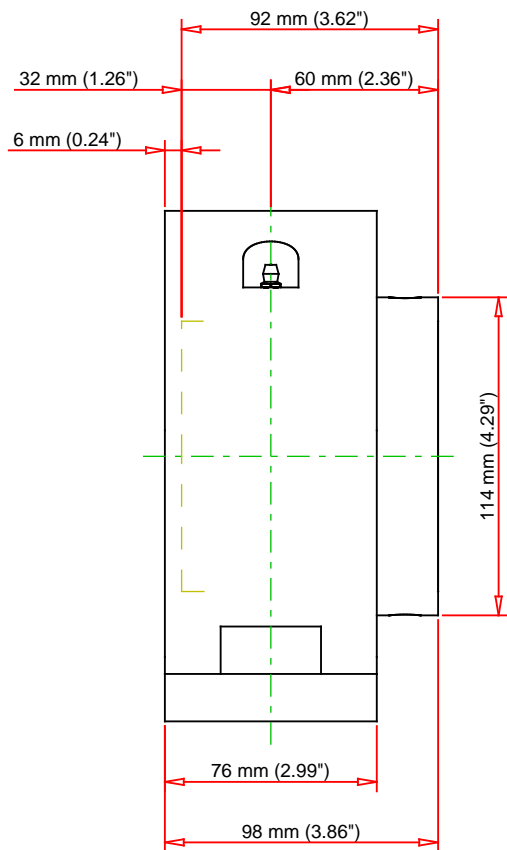
### Engineering Internal Radial Clearance

<b>Eng Internal Radial Clearance - Min</b>	0.0020
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<b>Eng Internal Radial Clearance - Max</b>	0.0031
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<b>Pre Install Clearance Min</b>	0.0020 in 0.050 mm
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<b>Pre Install Clearance Max</b>	0.0031 in 0.080 mm
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Note: Section View not to Scale

C - Dynamic Load	49900	lbf	222000	N
C0 - Static Load	54100	lbf	240000	N
Weight	20.9	lb	46	kg
Max. Speed T-Seals & Grease	2400	rpm		
Rad. Clearance - Max.	0.0031			

**TIMKEN**

THE TIMKEN COMPANY  
NORTH CANTON, OHIO USA

**QASN15A075S**

Single Concentric 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**