



The Timken Company

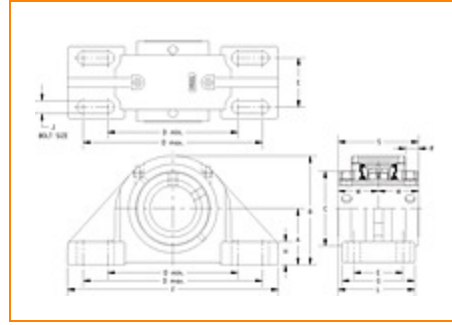
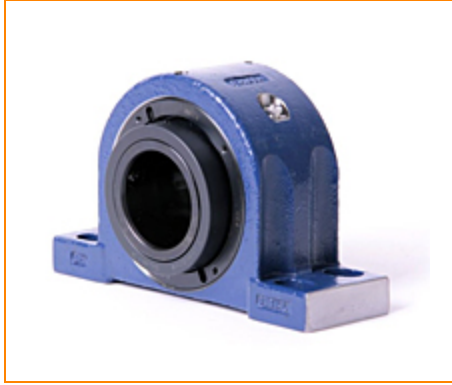
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Part Number QAAPX15A211S, Double Concentric Four-Bolt Pillow Block



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Specifications

Engineering Group Mounted Bearing

Bearing Number 22215

Shaft Size 2 11/16 in

Shaft Size Type Imperial

Full Timken Part Number

- QAAPX15A211SB
- QAAPX15A211SC
- QAAPX15A211SEB
- QAAPX15A211SEC
- QAAPX15A211SEM
- QAAPX15A211SEN
- QAAPX15A211SEO
- QAAPX15A211SET
- QAAPX15A211SM
- QAAPX15A211SN
- QAAPX15A211SO
- QAAPX15A211ST



Locking Style	Double Concentric
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Housing Construction	Four-Bolt Pillow Block
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UPC Code	0883450008242
	0883450008310
	0883450008341
	0883450008419
	0883450008440
	0883450008518
	0883450008549
	0883450008617
	0883450008648
	0883450008716
0883450267571	
0883450267793	

Dimensions

Dimension A	3-1/2 in 88.9 mm
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Dimension B	6.83 in 173.5 mm
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Dimension C	4.29 in 109 mm
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Dimension D Min	9.06 in 230.1 mm
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Dimension D Max	10.44 in 265.2 mm
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Dimension E	2.75 in 69.9 mm
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Dimension F	13 in 330.2 mm
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Dimension G	4.25 in 108 mm
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Dimension H	1.54 in 39.1 mm
Dimension J (Bolt Size)	0.75 in 20 mm
Dimension L	4.5 in 114.3 mm
Dimension M	2.37 in 60.2 mm
Dimension RAA	0.84 in 21.3 mm
Dimension SAA	4.74 in 120.4 mm

Radial and Thrust Factors

C0 - Static Load	54100 lbf 240000 N
C - Dynamic Load (Basic)	49900 lbf 222000 N
e - Geometry Factor	0.22
Y1 - Geometry Factor	3.14
Y2 - Geometry Factor	4.67

Engineering Seal Speed

Oil Lubrication - M/N Seal	1600 rpm
Oil Lubrication - T Seal	2900 rpm
Oil Lubrication - B/C/O Seal	1300 rpm
Grease Lubrication - M/N Seal	1600 rpm

Grease Lubrication - T Seal	2400 rpm
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Grease Lubrication - B/C/O Seal	1300 rpm
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Engineering Bearing Attributes

Float	0.083 in 2.108 mm
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Shaft Tolerance	0.0020 in 0.051 mm
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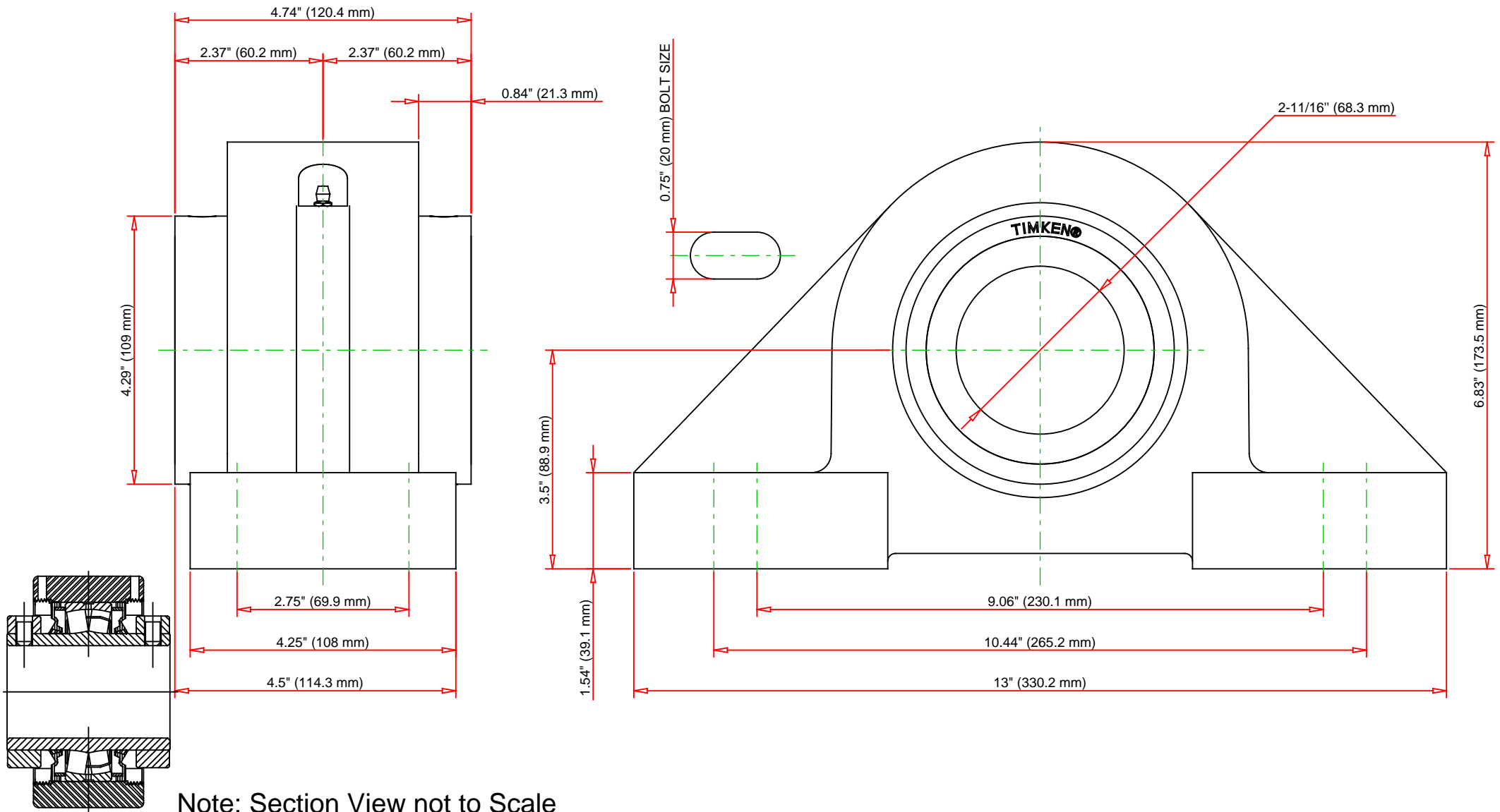
Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0020
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Eng Internal Radial Clearance - Max	0.0031
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Pre Install Clearance Min	0.0020 in 0.050 mm
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Pre Install Clearance Max	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	45	lb	20.4	kg
Max. Speed T-Seals & Grease	2400	rpm		
Rad. Clearance - Max.	0.0031			

TIMKEN
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 NORTH CANTON, OHIO USA

QAAPX15A211S
 Double Concentric 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.

FOR DISCUSSION ONLY