

QAPR18A307STNG

Locking Style Single Concentric

Housing Construction Four-Bolt Pillow Block

UPC Code

0883450049207
 0883450049214
 0883450049238
 0883450049245
 0883450049252
 0883450049269
 0883450049276
 0883450049283
 0883450189804
 0883450189910
 0883450267168
 0883450267274
 0883450496261
 0883450500326

Dimensions

Dimension A 3-3/4 in
 95.3 mm

Dimension B 7.69 in
 195.3 mm

Dimension C 5.13 in
 130.3 mm

Dimension D Min 9.25 in
 235 mm

Dimension D Max 11.25 in
 285.8 mm

Dimension E 2.38 in
 60.5 mm

Dimension F 13.63 in
 346.2 mm

Dimension G	3.75 in 95.3 mm
Dimension H	1.56 in 39.6 mm
Dimension J (Bolt Size)	0.75 in 20 mm
Dimension KA	1.44 in 36.6 mm
Dimension L	4.47 in 113.5 mm
Dimension M	2.59 in 65.8 mm
Dimension RA	0.31 in 7.9 mm
Dimension SA	4.03 in 102.4 mm

Radial and Thrust Factors

C0 - Static Load	87200 lbf 388000 N
C - Dynamic Load (Basic)	79700 lbf 355000 N
e - Geometry Factor	0.23
Y1 - Geometry Factor	2.90
Y2 - Geometry Factor	4.31

Engineering Seal Speed

Oil Lubrication - M/N Seal	1400 rpm
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Oil Lubrication - T Seal	2400 rpm
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Oil Lubrication - B/C/O Seal	1000 rpm
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Grease Lubrication - M/N Seal	1400 rpm
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Grease Lubrication - T Seal	2000 rpm
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Grease Lubrication - B/C/O Seal	1000 rpm
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Engineering Bearing Attributes

Float	0.083 in 2.108 mm
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Shaft Tolerance	0.0030 in 0.076 mm
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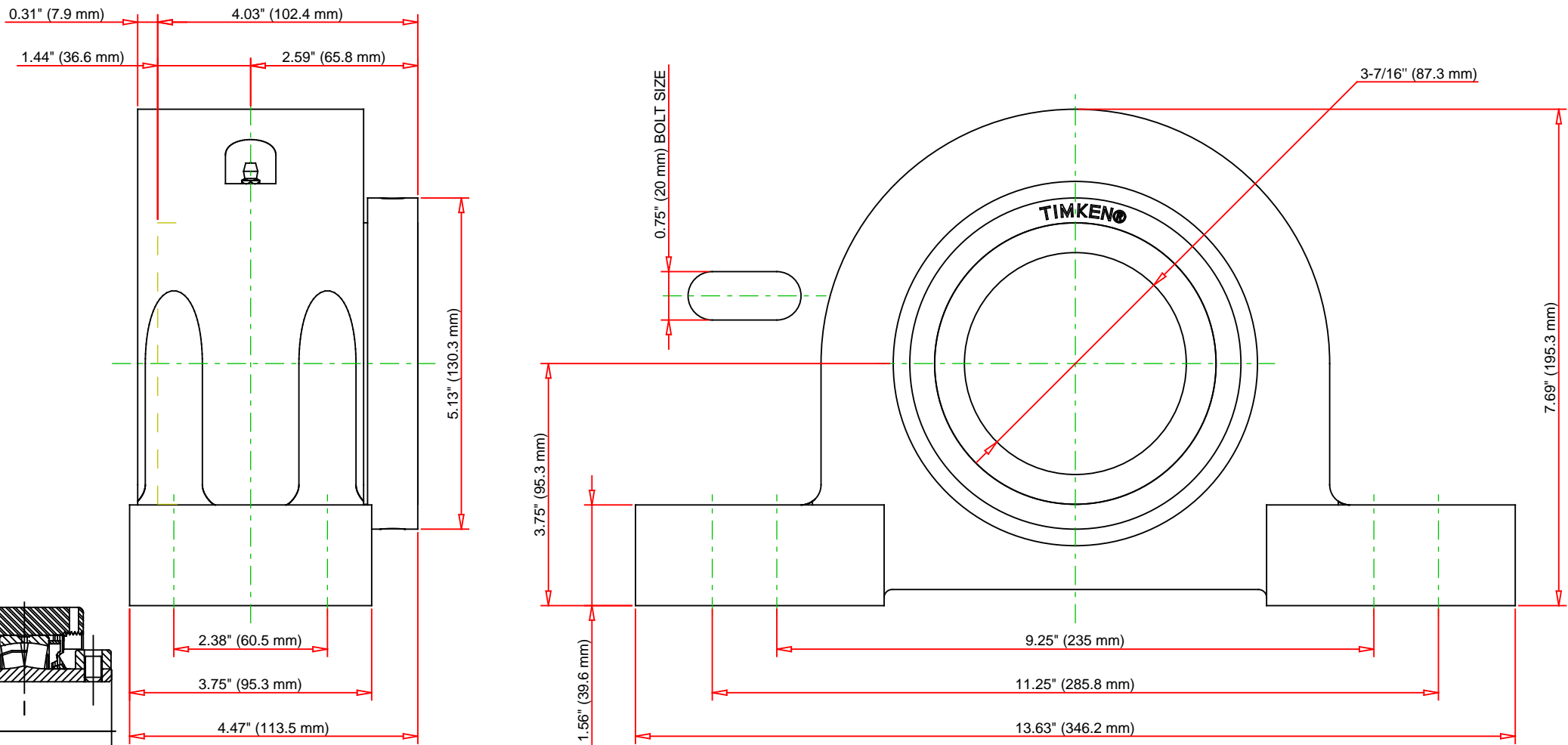
Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0024
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Eng Internal Radial Clearance - Max	0.0039
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Pre Install Clearance Min	0.0024 in 0.060 mm
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Pre Install Clearance Max	0.0039 in 0.100 mm
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Note: Section View not to Scale

C - Dynamic Load	79700	lbf	355000	N
C0 - Static Load	87200	lbf	388000	N
Weight	49	lb	22.2	kg
Max. Speed T-Seals & Grease	2000	rpm		
Rad. Clearance - Max.	0.0039			

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QAPR18A307S

Single 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.

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