



The Timken Company

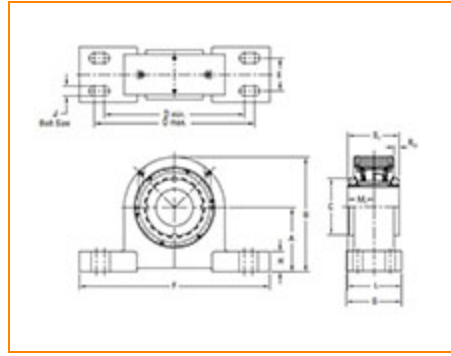
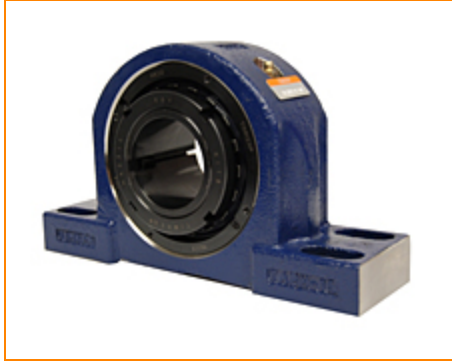
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Part Number TAA4DI22K400S, Double Nut Tapered Adapter Four-Bolt Pillow Block



[Specifications](#) | [Dimensions](#) | [Radial and Thrust Factors](#) | [Engineering Seal Speed](#) | [Engineering Bearing Attributes](#) | [Engineering Internal Radial Clearance](#)

Specifications

Engineering Group Mounted Bearing

Bearing Number 22222

Shaft Size 4 in

Shaft Size Type Imperial

Full Timken Part Number

TAA4DI22K400SB
TAA4DI22K400SC
TAA4DI22K400SEB
TAA4DI22K400SEC
TAA4DI22K400SEM
TAA4DI22K400SEN
TAA4DI22K400SEO
TAA4DI22K400SET
TAA4DI22K400SMT
TAA4DI22K400SNT
TAA4DI22K400SO
TAA4DI22K400ST



Locking Style	Double Nut Tapered Adapter
Housing Construction	Four-Bolt Pillow Block

Dimensions

Dimension A	5 in 127 mm
Dimension B	9.88 in 250.8 mm
Dimension C	5.71 in 145 mm
Dimension D Min	13.13 in 333.4 mm
Dimension D Max	14.75 in 374.7 mm
Dimension E	2 in 50.8 mm
Dimension F	17.44 in 443 mm
Dimension G	4 in 101.6 mm
Dimension H	1.75 in 44.5 mm
Dimension J (Bolt Size)	0.75 in 20 mm
Dimension L	4.48 in 113.8 mm
Dimension MT	2.46 in 62.5 mm
Dimension RTT	0.66 in 16.8 mm

Dimension ST

4.6 in
116.8 mm

Radial and Thrust Factors

C0 - Static Load

147000 lbf
653000 N

C - Dynamic Load (Basic)

125000 lbf
555000 N

e - Geometry Factor

0.25

Y1 - Geometry Factor

2.73

Y2 - Geometry Factor

4.06

Engineering Seal Speed

Oil Lubrication - M/N Seal

900 rpm

Oil Lubrication - T Seal

1700 rpm

Oil Lubrication - B/C/O Seal

600 rpm

Grease Lubrication - M/N Seal

900 rpm

Grease Lubrication - T Seal

1200 rpm

Grease Lubrication - B/C/O Seal

600 rpm

Engineering Bearing Attributes

Float

0.083 in
2.108 mm

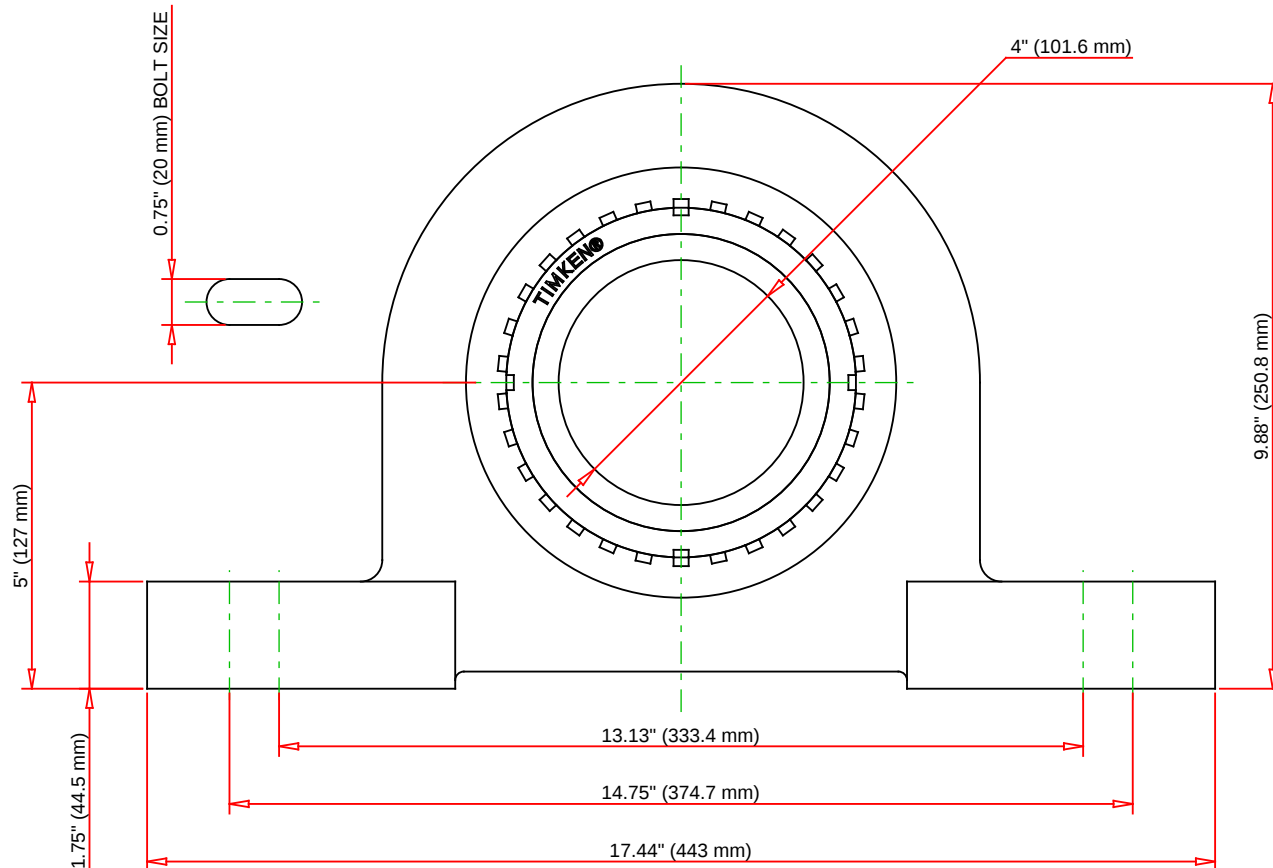
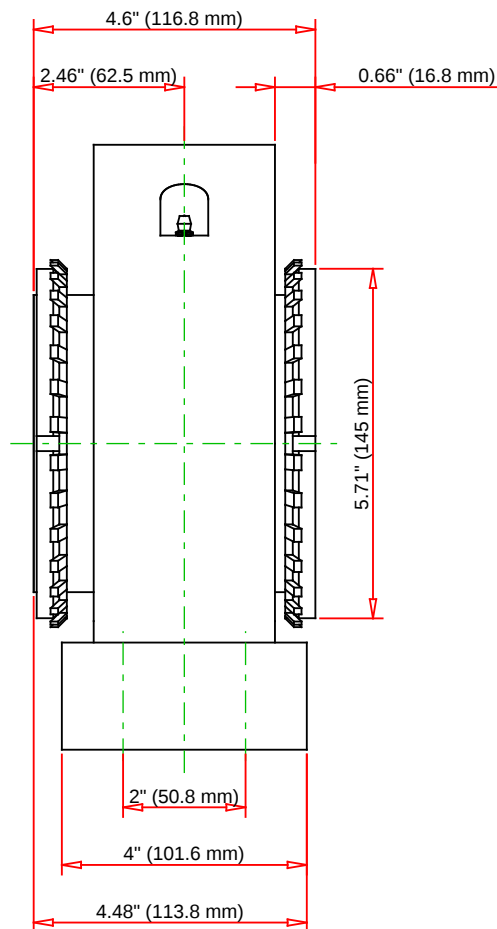
Shaft Tolerance

0.0040 in
0.102 mm

Engineering Internal Radial Clearance

Pre Install Clearance Min	0.0053 in 0.135 mm
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Pre Install Clearance Max	0.0067 in 0.170 mm
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Note: Section View not to Scale

C - Dynamic Load	125000	lbf	555000	N
C0 - Static Load	147000	lbf	653000	N
Weight	87	lb	39.5	kg
Max. Speed T-Seals & Grease	1200	rpm		
Rad. Clearance - Max.				

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

TAA4DI22K400S

Double Nut Tapered Adapter 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