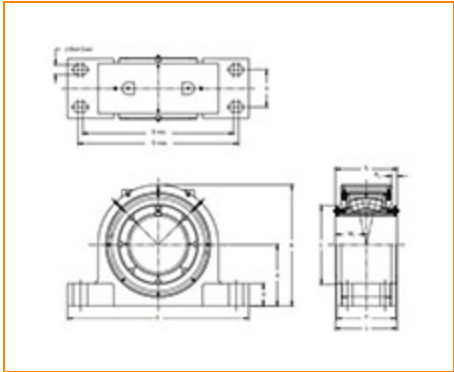
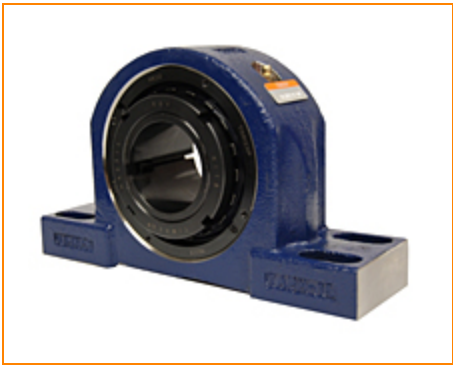




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Part Number TAAPH24K403S, Double Nut Tapered Adapter Four-Bolt Pillow Block



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

Specifications

Engineering Group	Mounted Bearing
Bearing Number	22224
Shaft Size	4.1875 in
Shaft Size Type	Imperial
Full Timken Part Number	TAAPH24K403SB TAAPH24K403SC TAAPH24K403SEB TAAPH24K403SEC TAAPH24K403SEM TAAPH24K403SEN TAAPH24K403SEO TAAPH24K403SET TAAPH24K403SM TAAPH24K403SN TAAPH24K403SO TAAPH24K403ST



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

Dimensions

Dimension A	5-1/4 in 133.4 mm
Dimension B	10.11 in 256.7 mm
Dimension C	6.08 in 154.5 mm
Dimension D Min	13 in 330.2 mm
Dimension D Max	14.5 in 368.3 mm
Dimension E	2.75 in 69.9 mm
Dimension F	16-1/2 in 419.1 mm
Dimension G	4.75 in 120.7 mm
Dimension H	2 in 50.8 mm
Dimension J (Bolt Size)	0.75 in 20 mm
Dimension L	5.01 in 127.3 mm
Dimension MT	2.82 in 71.6 mm
Dimension RTT	0.73 in 18.7 mm

Dimension ST

5.48 in
139.15 mm

Radial and Thrust Factors

C0 - Static Load

174000 lbf
772000 N

C - Dynamic Load (Basic)

145000 lbf
647000 N

e - Geometry Factor

0.25

Y1 - Geometry Factor

2.70

Y2 - Geometry Factor

4.02

Engineering Seal Speed

Oil Lubrication - M/N Seal

700 rpm

Oil Lubrication - T Seal

1500 rpm

Oil Lubrication - B/C/O Seal

400 rpm

Grease Lubrication - M/N Seal

700 rpm

Grease Lubrication - T Seal

1000 rpm

Grease Lubrication - B/C/O Seal

400 rpm

Engineering Bearing Attributes

Float

0.083 in
2.108 mm

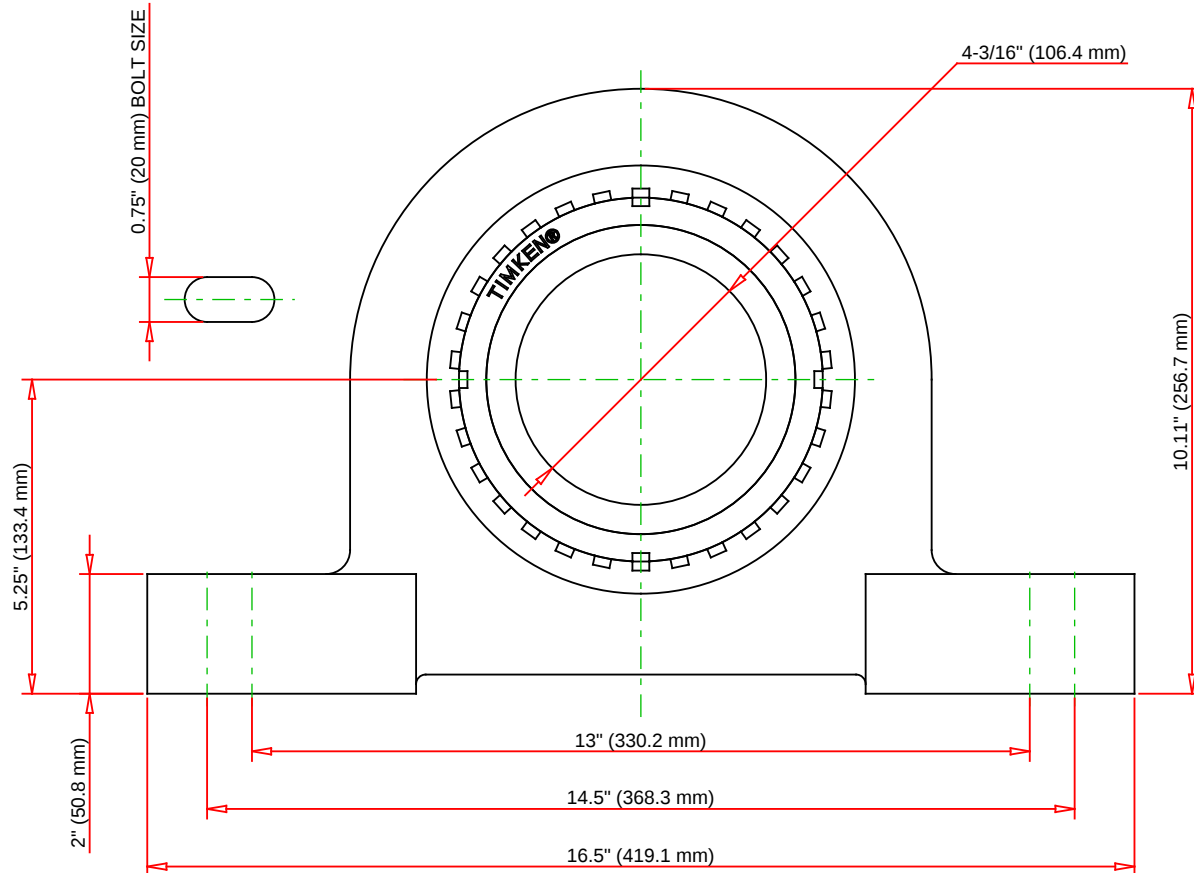
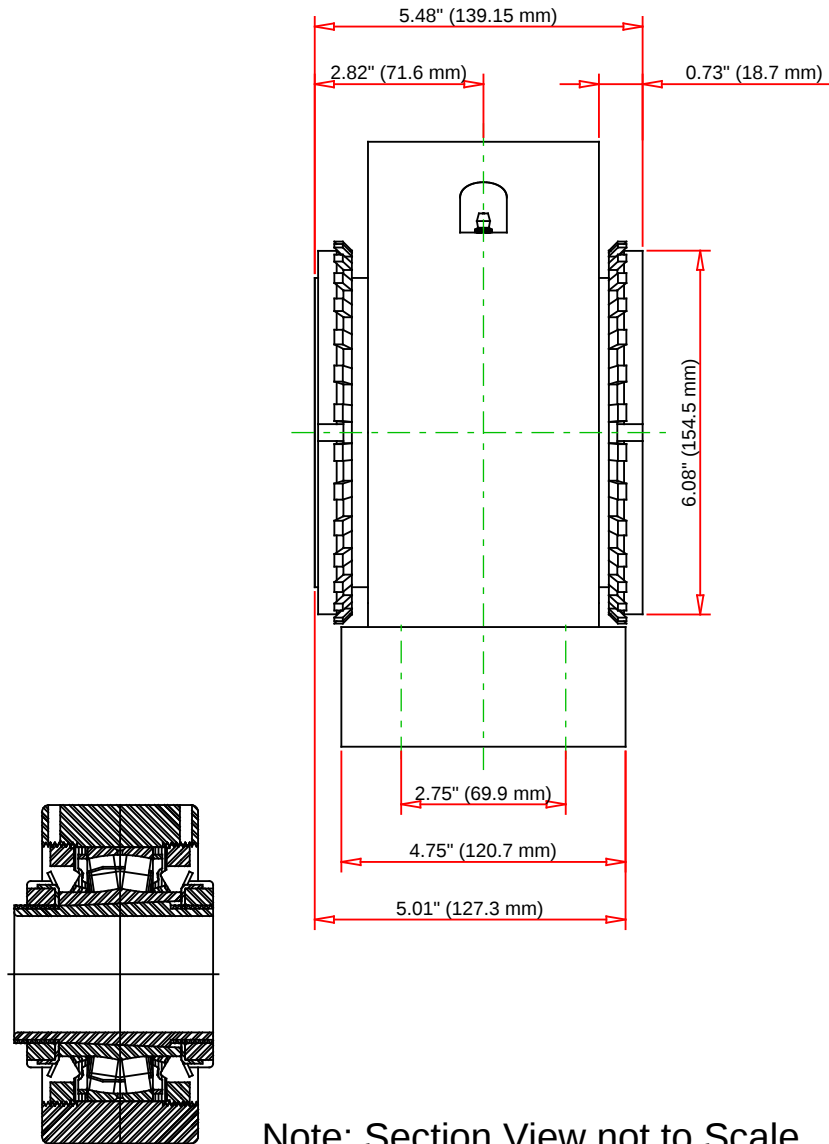
Shaft Tolerance

0.0050 in
0.127 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	145000	lbf	647000	N
C0 - Static Load	174000	lbf	772000	N
Weight	110	lb	49.9	kg
Max. Speed T-Seals & Grease	1000	rpm		
Rad. Clearance - Max.	0.0067			

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

TAAPH24K403S

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