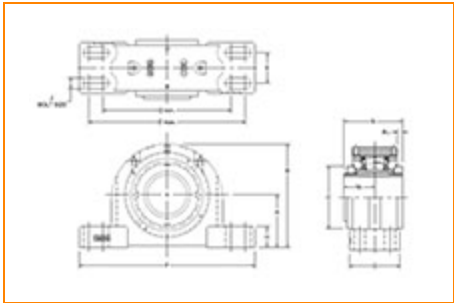
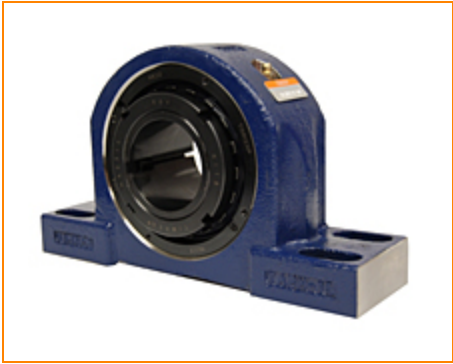




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Part Number TAAPH22K315S, Double Nut Tapered Adapter Four-Bolt Pillow Block



[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	3 15/16 in
Shaft Size Type	Imperial
Full Timken Part Number	TAAPH22K315SB TAAPH22K315SC TAAPH22K315SEB TAAPH22K315SEC TAAPH22K315SEM TAAPH22K315SEN TAAPH22K315SEO TAAPH22K315SEONPFG TAAPH22K315SET TAAPH22K315SETNG TAAPH22K315SM TAAPH22K315SN TAAPH22K315SO



	TAAPH22K315SONPFG TAAPH22K315ST TAAPH22K315STNG
Locking Style	Double Nut Tapered Adapter
Housing Construction	Four-Bolt Pillow Block
UPC Code	0883450129978 0883450129985 0883450130004 0883450130011 0883450130028 0883450130035 0883450130042 0883450130059 0883450198592 0883450198790 0883450276092 0883450276290 0883450953139 0883450953146 0883450961264 0883450961271

Dimensions

Dimension A	4.94 in 125.5 mm
Dimension B	9.38 in 238.3 mm
Dimension C	5.71 in 145 mm
Dimension D Min	11.88 in 301.8 mm
Dimension D Max	14.5 in 368.3 mm
Dimension E	2.75 in 69.9 mm

Dimension F	16 in 406.4 mm
Dimension G	4.75 in 120.7 mm
Dimension H	1.77 in 45 mm
Dimension J (Bolt Size)	0.75 in 20 mm
Dimension L	4.86 in 123.4 mm
Dimension MT	2.59 in 65.8 mm
Dimension RTT	0.56 in 14.2 mm
Dimension ST	5.15 in 130.8 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
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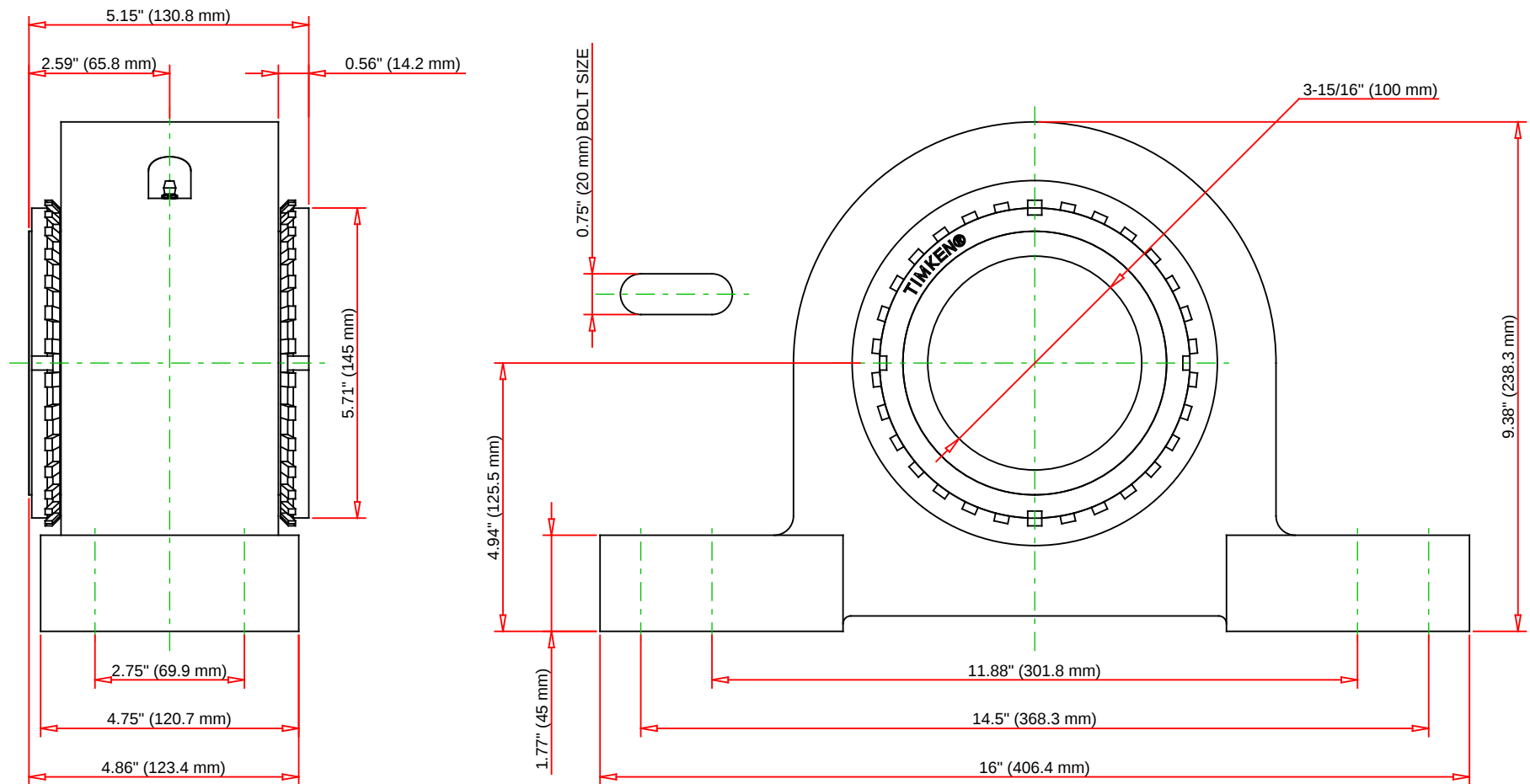
Oil Lubrication - T Seal	1700 rpm
Oil Lubrication - B/C/O Seal	600 rpm
Grease Lubrication - M/N Seal	900 rpm
Grease Lubrication - T Seal	1200 rpm
Grease Lubrication - B/C/O Seal	600 rpm

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
Pre Install Clearance Max	0.0067 in 0.170 mm



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

TAAPH22K315S

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