



The Timken Company

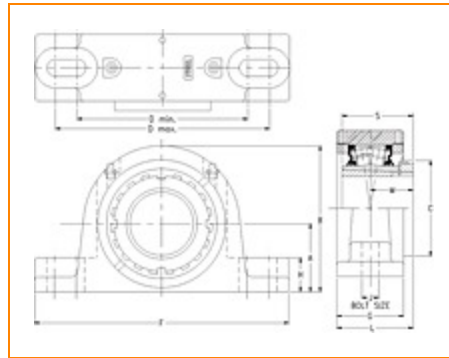
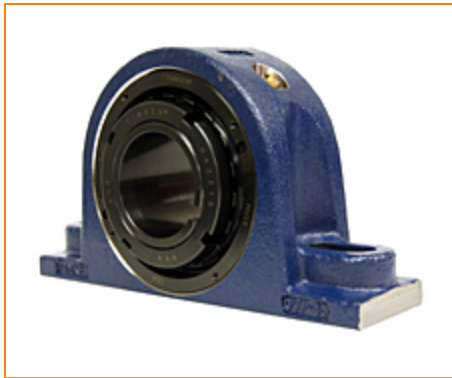
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Part Number TAPN11K050S, Tapered Adapter Two-Bolt Pillow Block



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Specifications

Engineering Group	Mounted Bearing
Bearing Number	22211
Shaft Size	50.000 mm
Shaft Size Type	Metric
Full Timken Part Number	TAPN11K050SB TAPN11K050SC TAPN11K050SEB TAPN11K050SEC TAPN11K050SEM TAPN11K050SEN TAPN11K050SEO TAPN11K050SET TAPN11K050SM TAPN11K050SN TAPN11K050SO TAPN11K050ST TAPN11K050ST-W/1/8-28FITGSTOP



Locking Style	Tapered Adapter
Housing Construction	Two-Bolt Pillow Block
UPC Code	0883450132121 0883450132138 0883450132152 0883450132169 0883450132176 0883450132183 0883450132190 0883450132206 0883450197250 0883450197465 0883450274760 0883450274968 0883450491600

Dimensions

Dimension A	2.75 in 69.9 mm
Dimension B	5.33 in 135.4 mm
Dimension C	2.95 in 74.9 mm
Dimension D Min	6.5 in 165.1 mm
Dimension D Max	8.7 in 221 mm
Dimension F	9.88 in 251 mm
Dimension G	2.38 in 60.5 mm
Dimension H	1.25 in 31.8 mm

Dimension J (Bolt Size)	0.625 in 16 mm
Dimension L	2.59 in 65.8 mm
Dimension M	1.4 in 35.6 mm
Dimension S	2.32 in 58.9 mm

Radial and Thrust Factors

C0 - Static Load	31900 lbf 142000 N
C - Dynamic Load (Basic)	31400 lbf 140000 N
e - Geometry Factor	0.23
Y1 - Geometry Factor	2.95
Y2 - Geometry Factor	4.40

Engineering Seal Speed

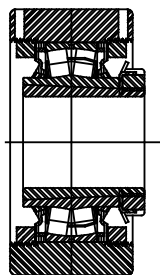
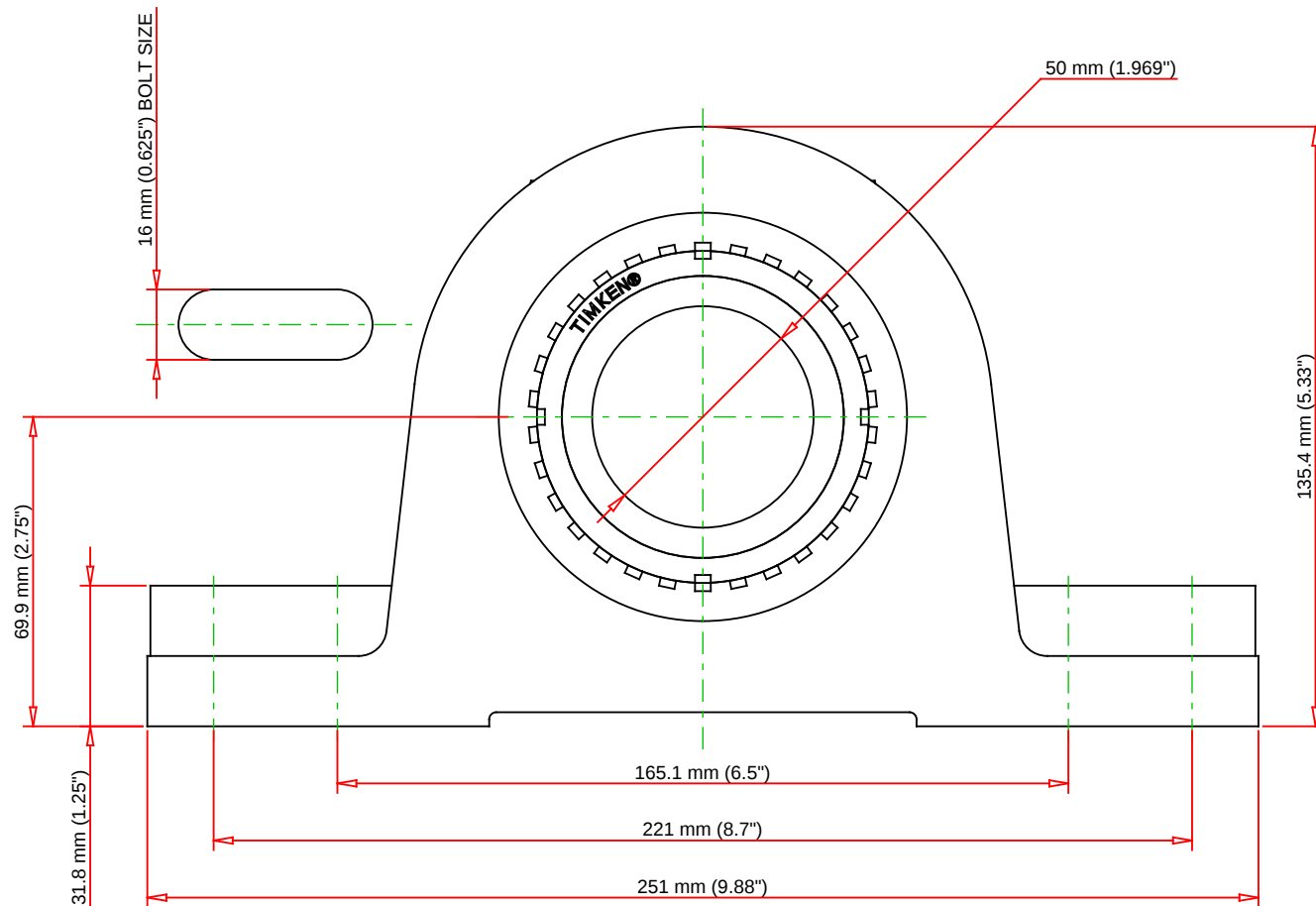
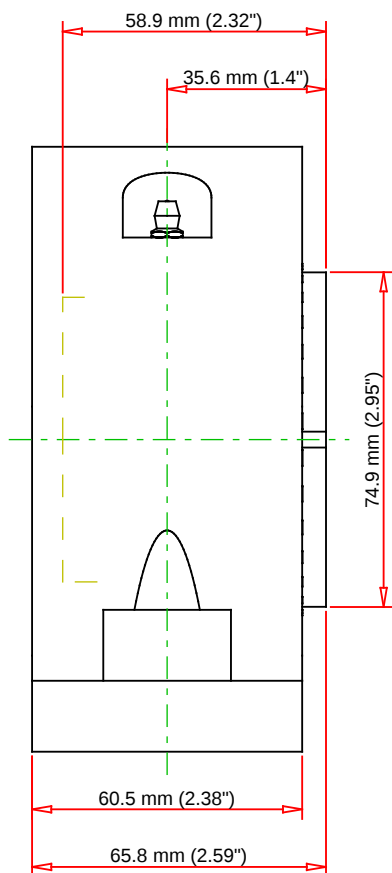
Oil Lubrication - M/N Seal	2200 rpm
Oil Lubrication - T Seal	3800 rpm
Oil Lubrication - B/C/O Seal	1800 rpm
Grease Lubrication - M/N Seal	2200 rpm
Grease Lubrication - T Seal	3200 rpm
Grease Lubrication - B/C/O Seal	1600 rpm

Engineering Bearing Attributes

Float	0.050 in 1.270 mm
Shaft Tolerance	0.0030 in 0.076 mm

Engineering Internal Radial Clearance

Pre Install Clearance Min	0.0030 in 0.075 mm
Pre Install Clearance Max	0.0037 in 0.094 mm



Note: Section View not to Scale

C - Dynamic Load	31400	lbf	140000	N
C0 - Static Load	31900	lbf	142000	N
Weight	17	lb	7.7	kg
Max. Speed T-Seals & Grease	3200	rpm		
Rad. Clearance - Max.	0.0037			

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

TAPN11K050S

Tapered Adapter Two-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