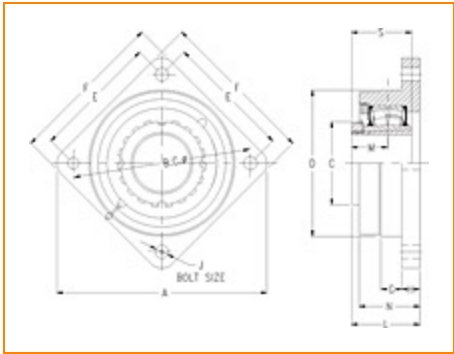




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Part Number TAFB22K315S, Tapered Adapter Four Bolt Square Flange Block



[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	TAFB22K315SB TAFB22K315SC TAFB22K315SEB TAFB22K315SEC TAFB22K315SEM TAFB22K315SEN TAFB22K315SEO TAFB22K315SET TAFB22K315SM TAFB22K315SN TAFB22K315SO TAFB22K315ST



Locking Style	Tapered Adapter
Housing Construction	Four-Bolt Square Flange
UPC Code	0883450119979
	0883450119986
	0883450120005
	0883450120012
	0883450120029
	0883450120036
	0883450120043
	0883450120050
	0883450199391
	0883450199599
	0883450277037
	0883450277235

Dimensions

Dimension A1	14.45 in 367 mm
Dimension BC	12.2 in 309.9 mm
Dimension C	5.71 in 145 mm
Dimension D	10.04 in 255 mm
Dimension E	8.63 in 219.2 mm
Dimension F	11 in 279.4 mm
Dimension H	1.04 in 26.4 mm
Dimension J (Bolt Size)	0.75 in 20 mm

Dimension G	1.75 in 44.45 mm
Dimension L	4.45 in 113 mm
Dimension M	2.48 in 63 mm
Dimension N	3.98 in 101.1 mm
Dimension S	4.13 in 104.9 mm

Radial and Thrust Factors

C0 - Static Load	147000 lbf 653000 N
C - Dynamic Load (Basic)	125000 lbf 555000 N
e - Geometry Factor	0.26
Y1 - Geometry Factor	2.55
Y2 - Geometry Factor	3.80

Engineering Seal Speed

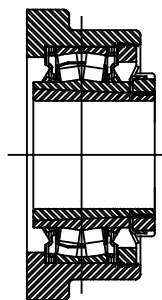
Oil Lubrication - M/N Seal	900 rpm
Oil Lubrication - T Seal	1700 rpm
Oil Lubrication - B/C/O Seal	600 rpm
Grease Lubrication - M/N Seal	900 rpm
Grease Lubrication - T Seal	1200 rpm
Grease Lubrication - B/C/O Seal	600 rpm

Engineering Bearing Attributes

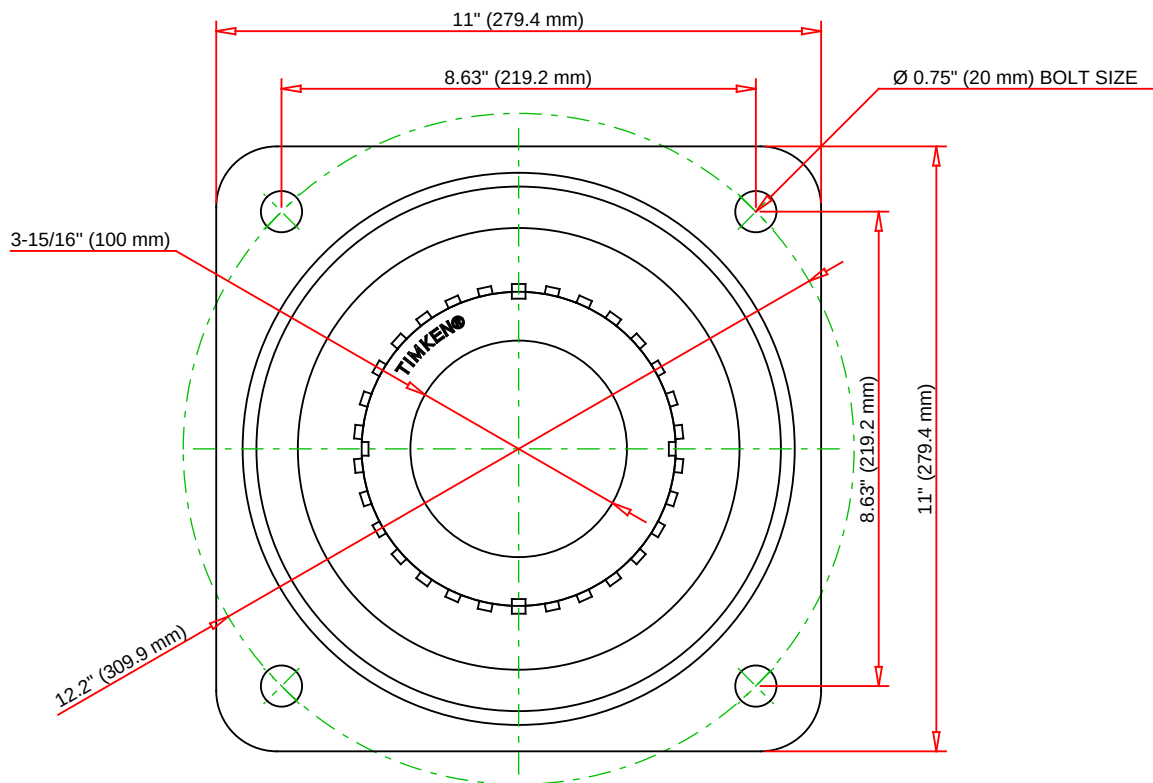
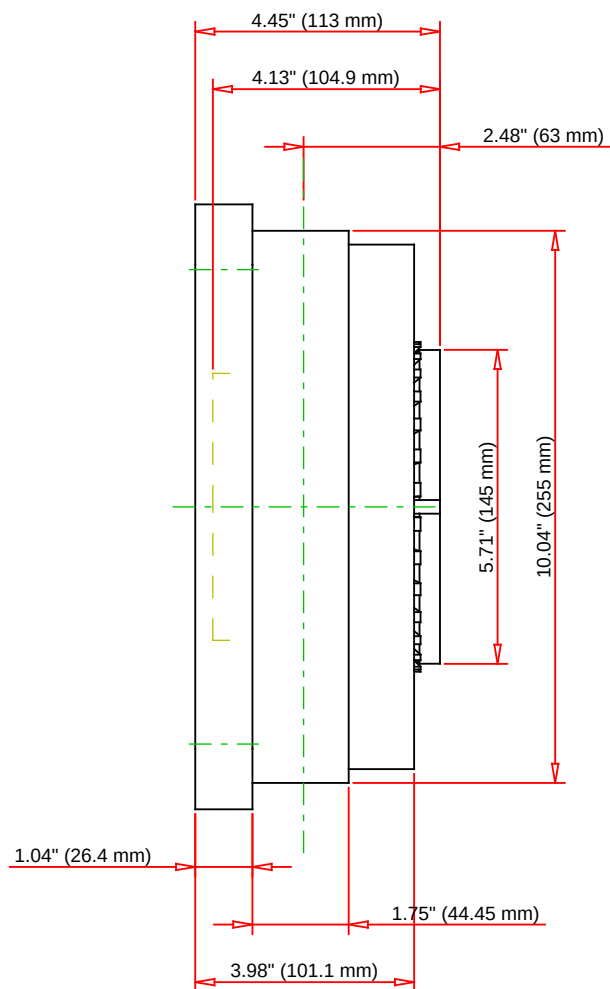
Float	0.083 in
	2.108 mm
Shaft Tolerance	0.0040 in
	0.102 mm

Engineering Internal Radial Clearance

Pre Install Clearance Min	0.0053 in
	0.135 mm
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	60	lb	27.2	kg
Max. Speed T-Seals & Grease	1200	rpm		
Rad. Clearance - Max.				

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

TAFB22K315S

Tapered Adapter Four Bolt Square
Flange 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