



The Timken Company

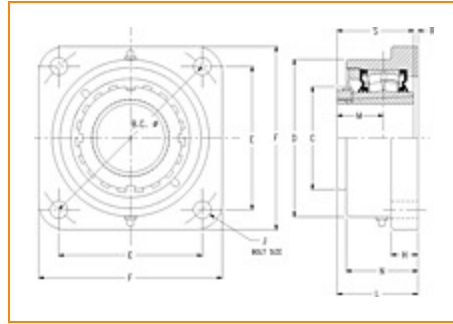
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Part Number TAFK15K208S, Tapered Adapter Four Bolt Square Flange Block



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

Specifications

Engineering Group	Mounted Bearing
Bearing Number	22215
Shaft Size	2 1/2 in
Shaft Size Type	Imperial
Full Timken Part Number	TAFK15K208SB TAFK15K208SC TAFK15K208SEB TAFK15K208SEC TAFK15K208SEM TAFK15K208SEN TAFK15K208SEO TAFK15K208SET TAFK15K208SM TAFK15K208SN TAFK15K208SO TAFK15K208ST



Locking Style	Tapered Adapter
Housing Construction	Four-Bolt Square Flange

UPC Code	0883450379687
	0883450379694
	0883450379700
	0883450379717
	0883450379724
	0883450379731
	0883450379748
	0883450379755
	0883450379762
	0883450379779
0883450379786	
0883450379793	

Dimensions

Dimension BC	8.5 in 215.9 mm
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Dimension C	3.86 in 98 mm
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Dimension D	6.65 in 168.9 mm
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Dimension E	6.01 in 152.7 mm
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Dimension F	7.44 in 189 mm
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Dimension H	1.06 in 26.9 mm
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Dimension J (Bolt Size)	0.75 in 20 mm
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Dimension L	3.34 in 84.8 mm
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Dimension M	1.73 in 43.9 mm
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Dimension N	3 in 76.2 mm
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Dimension R	0.47 in 11.9 mm
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Dimension S	2.87 in 72.9 mm
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Radial and Thrust Factors

C0 - Static Load	54100 lbf 240000 N
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C - Dynamic Load (Basic)	49900 lbf 222000 N
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e - Geometry Factor	0.25
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Y1 - Geometry Factor	2.74
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Y2 - Geometry Factor	4.08
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Engineering Seal Speed

Oil Lubrication - M/N Seal	1600 rpm
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Oil Lubrication - T Seal	2900 rpm
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Oil Lubrication - B/C/O Seal	1300 rpm
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Grease Lubrication - M/N Seal	1600 rpm
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Grease Lubrication - T Seal	2400 rpm
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Grease Lubrication - B/C/O Seal	1300 rpm
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Engineering Bearing Attributes

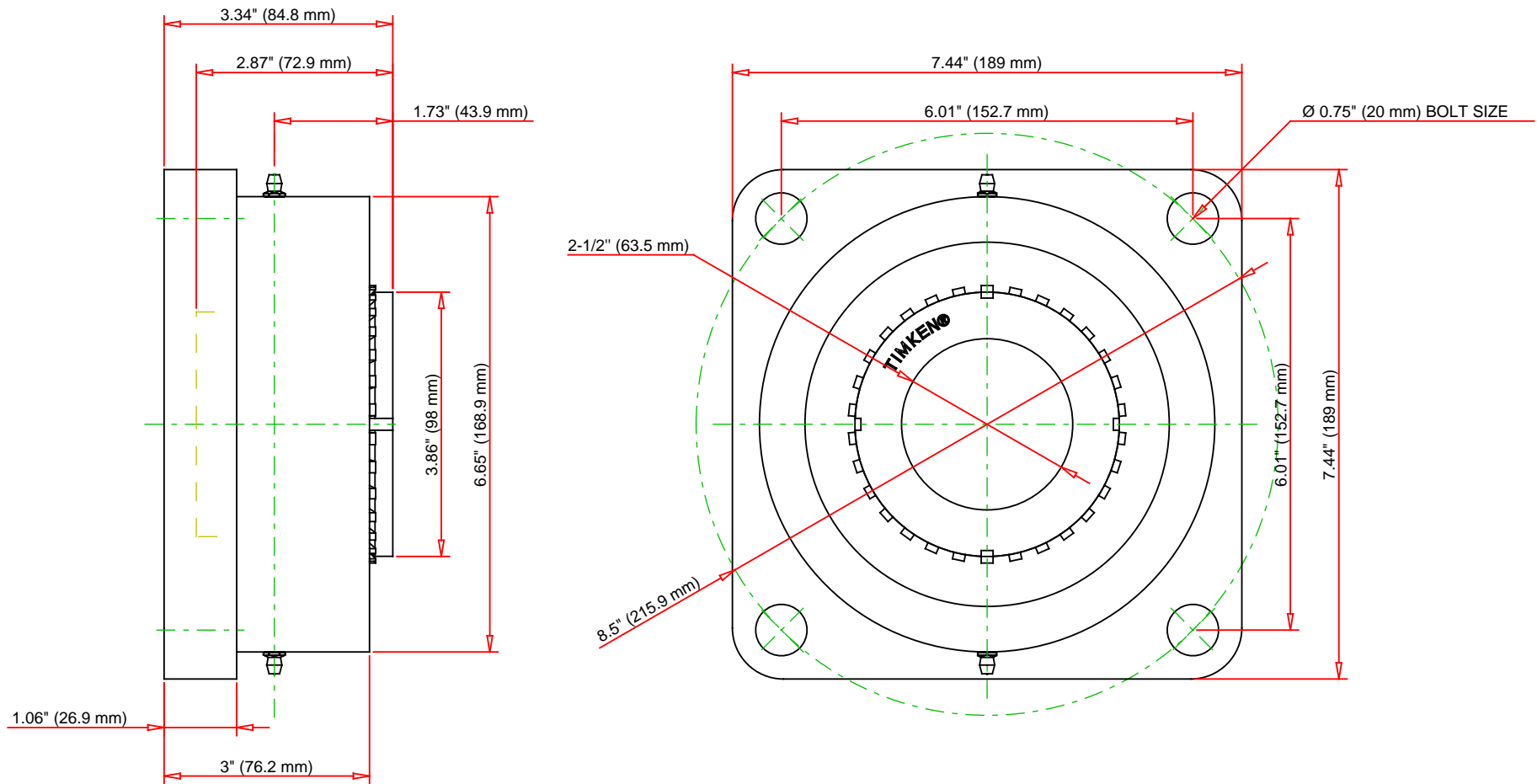
Float	0.083 in 2.108 mm
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Shaft Tolerance	0.0035 in 0.089 mm
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Engineering Internal Radial Clearance

Pre Install Clearance Min	0.0037 in 0.095 mm
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Pre Install Clearance Max	0.0047 in 0.120 mm
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Note: Section View not to Scale

C - Dynamic Load	49900	lbf	222000	N
C0 - Static Load	54100	lbf	240000	N
Weight	17	lb	7.7	kg
Max. Speed T-Seals & Grease	2400	rpm		
Rad. Clearance - Max.				

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

TAFK15K208S

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