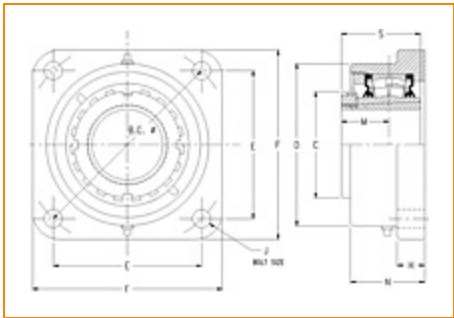




The Timken Company
4500 Mt Pleasant St. NW
N. Canton, OH 44720
Phone: (234) 262-3000
E-Mail: CustomerCAD@timken.com • **Web site:** www.timken.com

Part Number DVF17K215S, 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	22217
Shaft Size	2 15/16 in
Shaft Size Type	Imperial
Full Timken Part Number	DVF17K215SAB DVF17K215SB DVF17K215SC DVF17K215SEB DVF17K215SEC DVF17K215SEM DVF17K215SEN DVF17K215SEO DVF17K215SET DVF17K215SM DVF17K215SN DVF17K215SO



	DVF17K215ST
Locking Style	Tapered Adapter
Housing Construction	Four-Bolt Square Flange
UPC Code	0883450006521
	0883450006538
	0883450006552
	0883450006569
	0883450006576
	0883450006583
	0883450006590
	0883450006606
	0883450196529
	0883450196727
	0883450274036
	0883450274234
	0883450432283

Dimensions

Dimension BC	8.48 in 215.4 mm
Dimension C	4.33 in 110 mm
Dimension D	6.72 in 170.7 mm
Dimension E	6 in 152.4 mm
Dimension F	7.44 in 189 mm
Dimension H	1.06 in 26.9 mm
Dimension J (Bolt Size)	0.75 in 20 mm

Dimension L	3.46 in 87.8 mm
Dimension M	1.96 in 49.8 mm
Dimension N	3.03 in 77 mm
Dimension S	3.23 in 82 mm

Radial and Thrust Factors

C0 - Static Load	71900 lbf 320000 N
C - Dynamic Load (Basic)	66900 lbf 297000 N
e - Geometry Factor	0.23
Y1 - Geometry Factor	2.90
Y2 - Geometry Factor	4.31

Engineering Seal Speed

Oil Lubrication - M/N Seal	1400 rpm
Oil Lubrication - T Seal	2400 rpm
Oil Lubrication - B/C/O Seal	1100 rpm
Grease Lubrication - M/N Seal	1400 rpm
Grease Lubrication - T Seal	2000 rpm
Grease Lubrication - B/C/O Seal	1100 rpm

Engineering Bearing Attributes

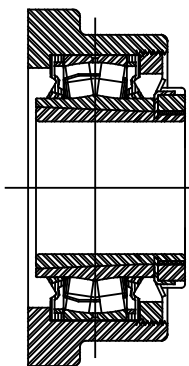
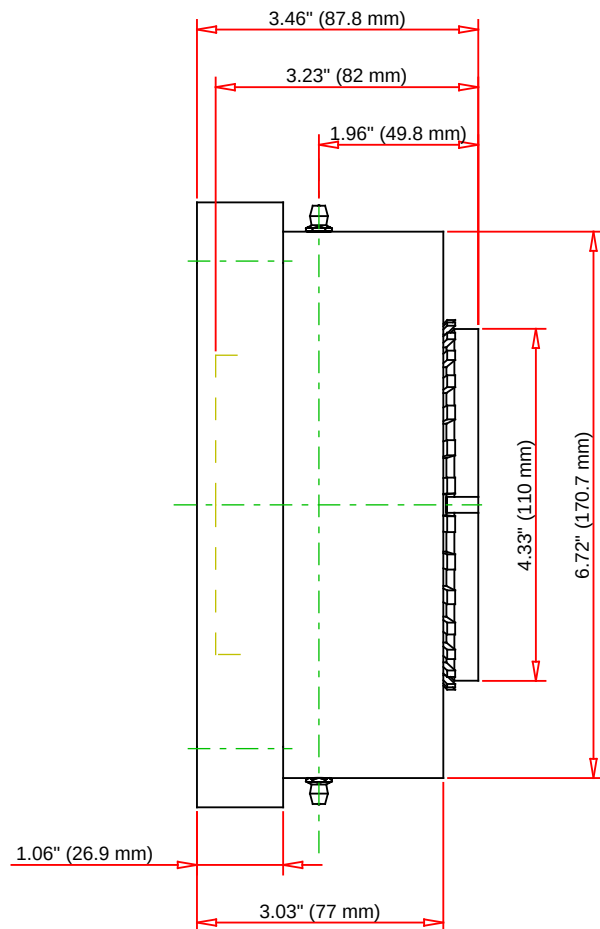
Float	0.083 in 2.108 mm
--------------	----------------------

Shaft Tolerance	0.0040 in 0.102 mm
------------------------	-----------------------

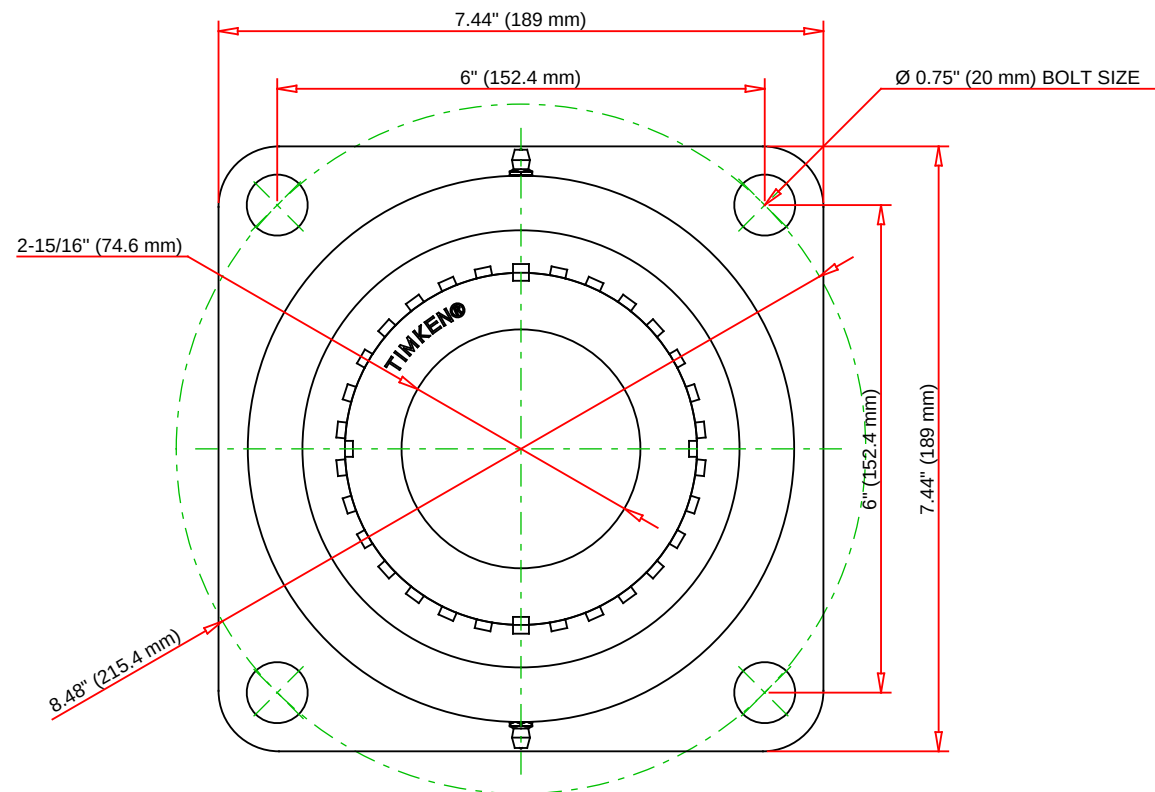
Engineering Internal Radial Clearance

Pre Install Clearance Min	0.0043 in 0.110 mm
----------------------------------	-----------------------

Pre Install Clearance Max	0.0055 in 0.140 mm
----------------------------------	-----------------------



Note: Section View not to Scale



C - Dynamic Load	66900	lbf	297000	N
C0 - Static Load	71900	lbf	320000	N
Weight	28	lb	12.7	kg
Max. Speed T-Seals & Grease	2000	rpm		
Rad. Clearance - Max.				

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

DVF17K215S

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