



**The Timken Company**

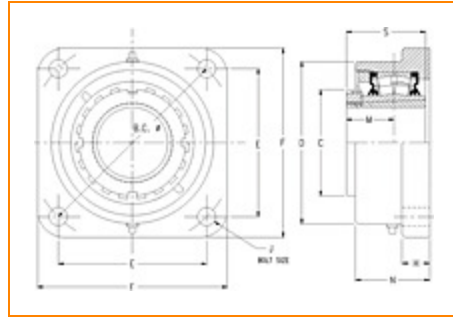
4500 Mt Pleasant St. NW

N. Canton, OH 44720

**Phone:** (234) 262-3000

**E-Mail:** [CustomerCAD@timken.com](mailto:CustomerCAD@timken.com) • **Web site:** [www.timken.com](http://www.timken.com)

Part Number DVF11K200S, Tapered Adapter Four Bolt Square Flange Block



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

Specifications

<b>Engineering Group</b>	Mounted Bearing
<b>Bearing Number</b>	22211
<b>Shaft Size</b>	2 in
<b>Shaft Size Type</b>	Imperial
<b>Full Timken Part Number</b>	DVF11K200SB DVF11K200SC DVF11K200SEB DVF11K200SEC DVF11K200SEM DVF11K200SEN DVF11K200SEO DVF11K200SET DVF11K200SM DVF11K200SN DVF11K200SO DVF11K200ST



<b>Locking Style</b>	Tapered Adapter
<b>Housing Construction</b>	Four-Bolt Square Flange

<b>UPC Code</b>	0883450005722
	0883450005739
	0883450005753
	0883450005760
	0883450005777
	0883450005784
	0883450005791
	0883450005807
	0883450196444
	0883450196642
0883450273954	
0883450274159	

## Dimensions

<b>Dimension BC</b>	6.19 in 157.2 mm
<b>Dimension C</b>	2.95 in 74.9 mm
<b>Dimension D</b>	4.8 in 121.9 mm
<b>Dimension E</b>	4.38 in 111.3 mm
<b>Dimension F</b>	5.5000 in 139.700 mm
<b>Dimension H</b>	0.88 in 22.4 mm
<b>Dimension J (Bolt Size)</b>	0.5 in 12 mm
<b>Dimension L</b>	2.81 in 71.5 mm

<b>Dimension M</b>	1.4 in 35.6 mm
--------------------	-------------------

<b>Dimension N</b>	2.56 in 65 mm
--------------------	------------------

<b>Dimension S</b>	2.32 in 58.9 mm
--------------------	--------------------

## Radial and Thrust Factors

<b>C0 - Static Load</b>	31900 lbf 142000 N
-------------------------	-----------------------

<b>C - Dynamic Load (Basic)</b>	31400 lbf 140000 N
---------------------------------	-----------------------

<b>e - Geometry Factor</b>	0.26
----------------------------	------

<b>Y1 - Geometry Factor</b>	2.64
-----------------------------	------

<b>Y2 - Geometry Factor</b>	3.93
-----------------------------	------

## Engineering Seal Speed

<b>Oil Lubrication - M/N Seal</b>	2200 rpm
-----------------------------------	----------

<b>Oil Lubrication - T Seal</b>	3800 rpm
---------------------------------	----------

<b>Oil Lubrication - B/C/O Seal</b>	1800 rpm
-------------------------------------	----------

<b>Grease Lubrication - M/N Seal</b>	2200 rpm
--------------------------------------	----------

<b>Grease Lubrication - T Seal</b>	3200 rpm
------------------------------------	----------

<b>Grease Lubrication - B/C/O Seal</b>	1600 rpm
--	----------

## Engineering Bearing Attributes

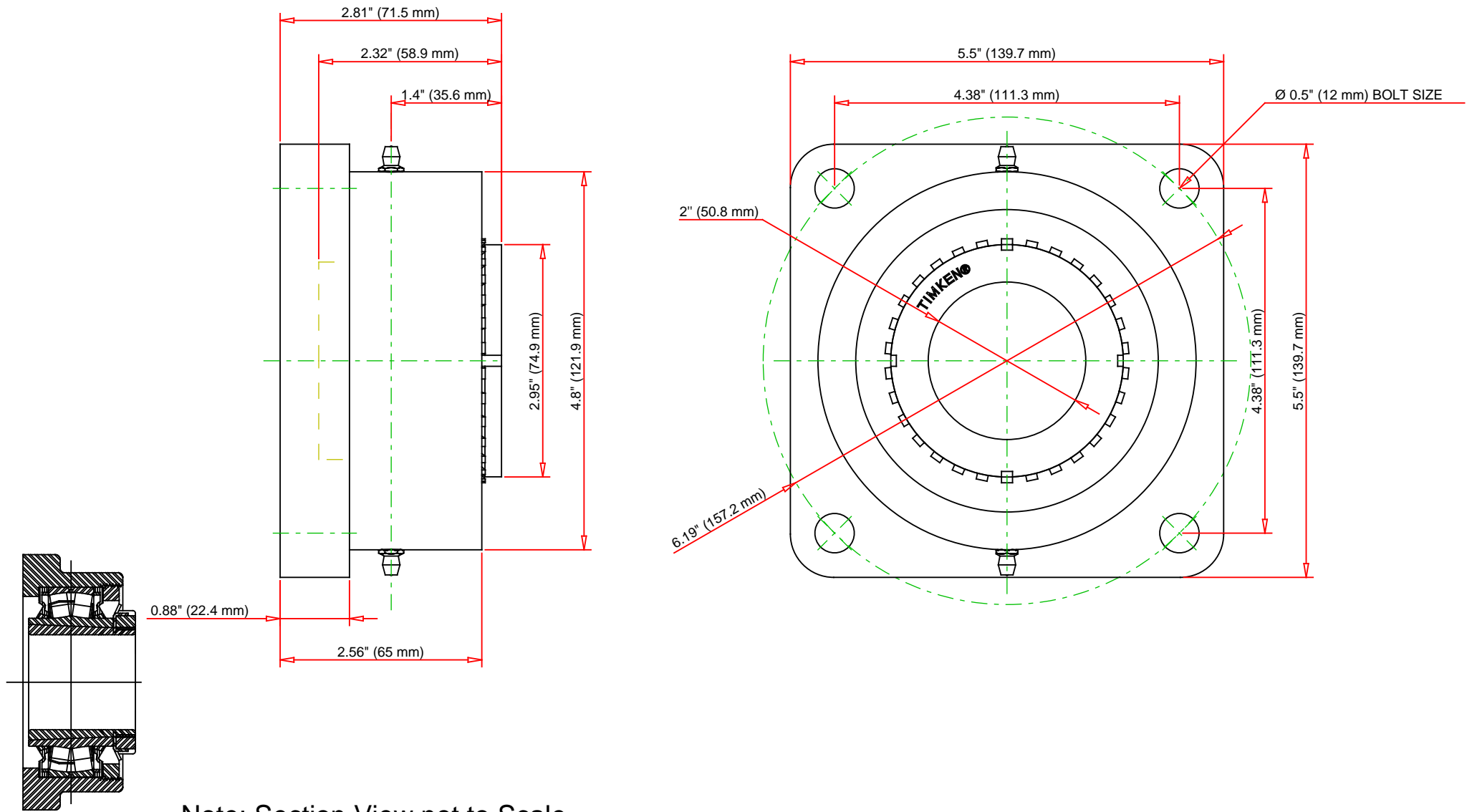
<b>Float</b>	0.050 in 1.270 mm
--------------	----------------------

<b>Shaft Tolerance</b>	0.0030 in 0.076 mm
------------------------	-----------------------

## Engineering Internal Radial Clearance

<b>Pre Install Clearance Min</b>	0.0030 in 0.075 mm
----------------------------------	-----------------------

<b>Pre Install Clearance Max</b>	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	12	lb	5.4	kg
Max. Speed T-Seals & Grease	3200	rpm		
Rad. Clearance - Max.				

**TIMKEN**

THE TIMKEN COMPANY  
NORTH CANTON, OHIO USA

**DVF11K200S**

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**