



**The Timken Company**

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## Part Number DVF10K112S, Tapered Adapter Four Bolt Square Flange Block



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### Specifications

**Engineering Group** Mounted Bearing

**Bearing Number** 22210

**Shaft Size** 1 3/4 in

**Shaft Size Type** Metric

**Full Timken Part Number**

- DVF10K112SB
- DVF10K112SC
- DVF10K112SEB
- DVF10K112SEC
- DVF10K112SEM
- DVF10K112SEN
- DVF10K112SEO
- DVF10K112SET
- DVF10K112SM
- DVF10K112SN
- DVF10K112SO
- DVF10K112ST



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

<b>UPC Code</b>	0883450005524
	0883450005531
	0883450005555
	0883450005562
	0883450005579
	0883450005586
	0883450005593
	0883450005609
	0883450196451
	0883450196659
0883450273961	
0883450274166	

## Dimensions

<b>Dimension BC</b>	6.19 in 157.2 mm
<b>Dimension C</b>	2.76 in 70.1 mm
<b>Dimension D</b>	4.66 in 118.4 mm
<b>Dimension E</b>	4.38 in 111.3 mm
<b>Dimension F</b>	5.63 in 139.700 mm
<b>Dimension H</b>	0.88 in 22.4 mm
<b>Dimension J (Bolt Size)</b>	0.53 in 12 mm
<b>Dimension L</b>	2.31 in 58.67 mm

<b>Dimension M</b>	1.32 in 33.5 mm
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<b>Dimension N</b>	2.06 in 52.33 mm
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<b>Dimension S</b>	2.17 in 55.1 mm
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### Radial and Thrust Factors

<b>C0 - Static Load</b>	26600 lbf 118000 N
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<b>C - Dynamic Load (Basic)</b>	26300 lbf 117000 N
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<b>e - Geometry Factor</b>	0.26
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<b>Y1 - Geometry Factor</b>	2.64
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<b>Y2 - Geometry Factor</b>	3.93
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### Engineering Seal Speed

<b>Oil Lubrication - M/N Seal</b>	2200 rpm
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<b>Oil Lubrication - T Seal</b>	3800 rpm
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<b>Oil Lubrication - B/C/O Seal</b>	1800 rpm
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<b>Grease Lubrication - M/N Seal</b>	2200 rpm
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<b>Grease Lubrication - T Seal</b>	3200 rpm
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<b>Grease Lubrication - B/C/O Seal</b>	1600 rpm
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### Engineering Bearing Attributes

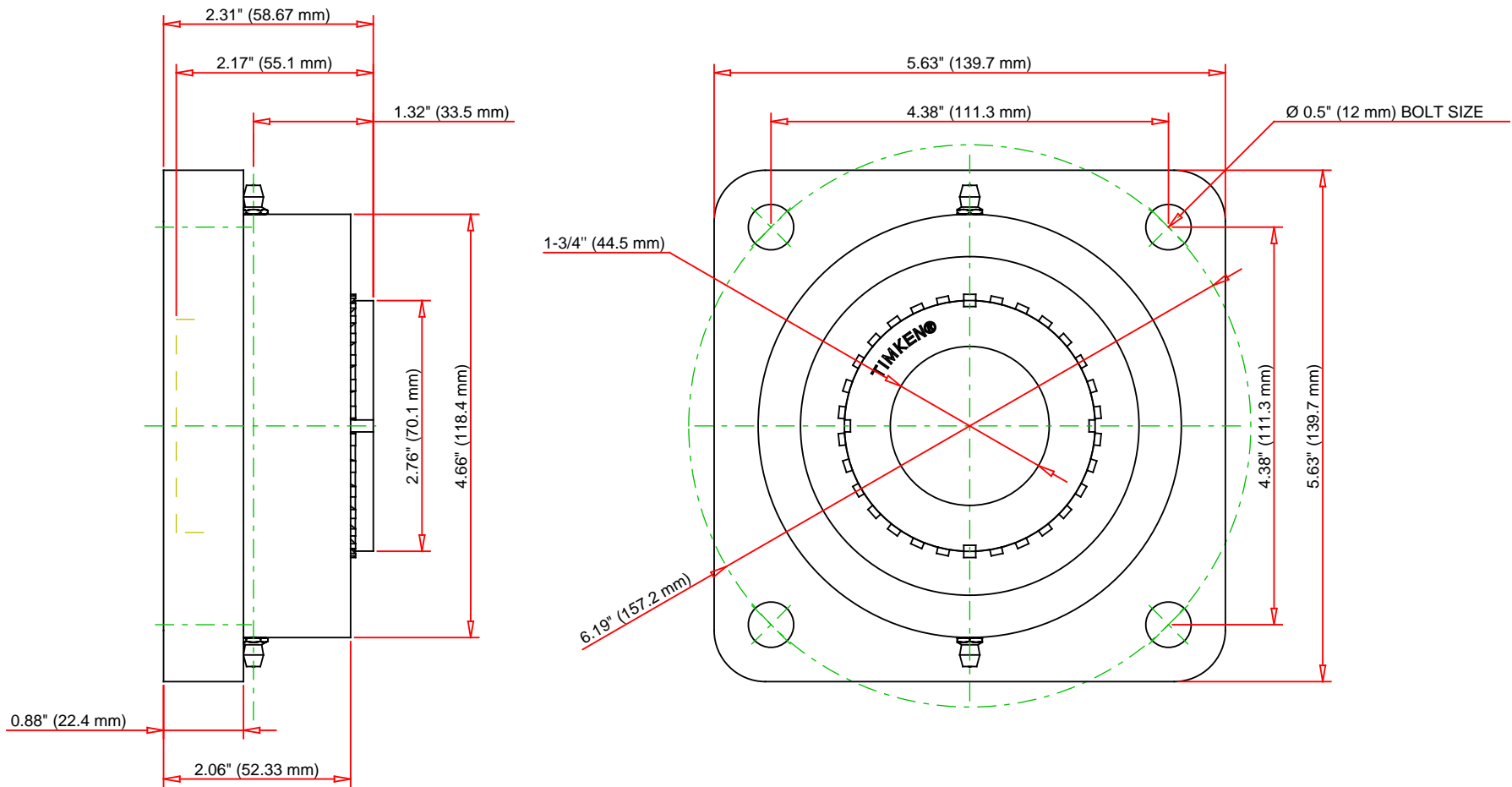
<b>Float</b>	0.050 in 1.270 mm
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<b>Shaft Tolerance</b>	0.0030 in 0.076 mm
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## Engineering Internal Radial Clearance

<b>Pre Install Clearance Min</b>	0.0030 in 0.075 mm
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<b>Pre Install Clearance Max</b>	0.0037 in 0.094 mm
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Note: Section View not to Scale

C - Dynamic Load	26300	lbf	117000	N
C0 - Static Load	26600	lbf	118000	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

**DVF10K112S**  
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**