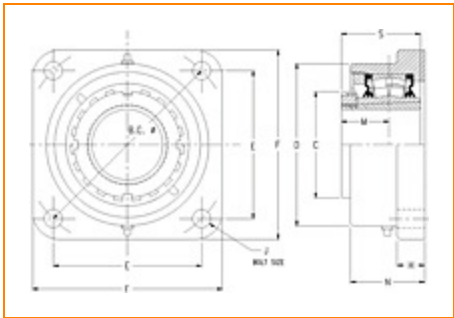




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Part Number DVF11K050S, Tapered Adapter Four Bolt Square Flange Block



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

Specifications

Engineering Group	Mounted Bearing
Bearing Number	22211
Shaft Size	50 mm
Shaft Size Type	Metric
Full Timken Part Number	DVF11K050SB DVF11K050SC DVF11K050SEB DVF11K050SEC DVF11K050SEM DVF11K050SEN DVF11K050SEO DVF11K050SET DVF11K050SM DVF11K050SN DVF11K050SO DVF11K050ST



Locking Style	Tapered Adapter
Housing Construction	Four-Bolt Square Flange
UPC Code	0883450005524
	0883450005531
	0883450005555
	0883450005562
	0883450005579
	0883450005586
	0883450005593
	0883450005609
	0883450196451
	0883450196659
	0883450273961
	0883450274166

Dimensions

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

Dimension M	1.4 in 35.6 mm
Dimension N	2.56 in 65 mm
Dimension S	2.32 in 58.9 mm

Radial and Thrust Factors

C0 - Static Load	31900 lbf 142000 N
C - Dynamic Load (Basic)	31400 lbf 140000 N
e - Geometry Factor	0.26
Y1 - Geometry Factor	2.64
Y2 - Geometry Factor	3.93

Engineering Seal Speed

Oil Lubrication - M/N Seal	2200 rpm
Oil Lubrication - T Seal	3800 rpm
Oil Lubrication - B/C/O Seal	1800 rpm
Grease Lubrication - M/N Seal	2200 rpm
Grease Lubrication - T Seal	3200 rpm
Grease Lubrication - B/C/O Seal	1600 rpm

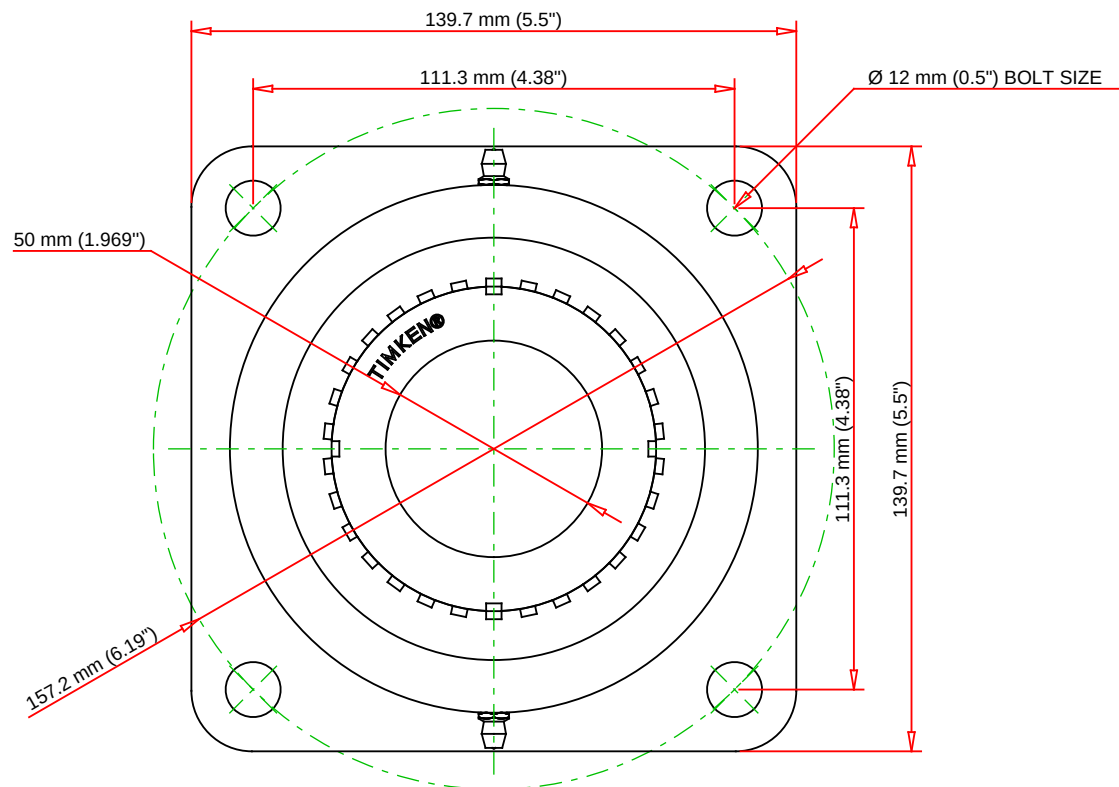
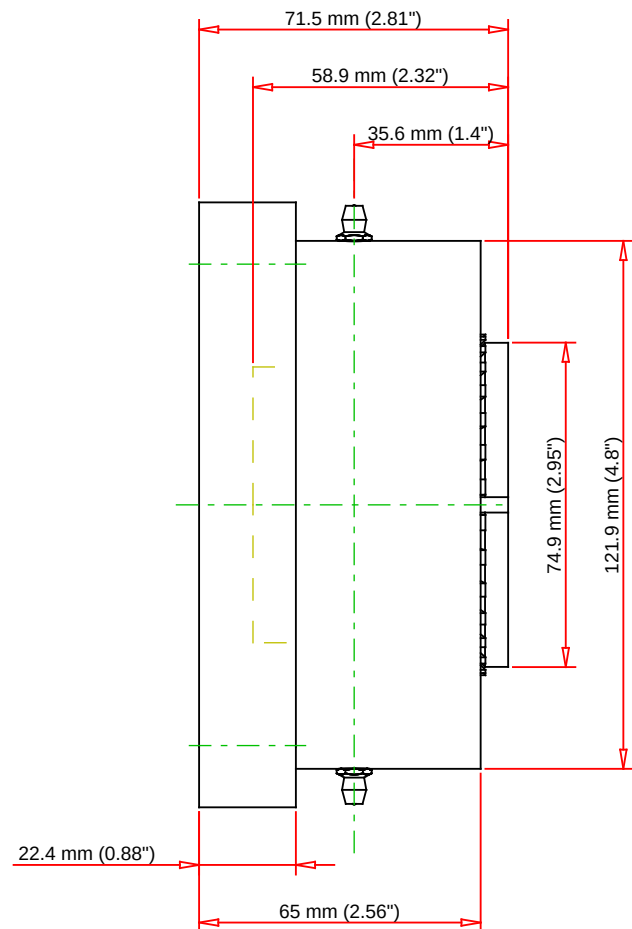
Engineering Bearing Attributes

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Float	0.050 in 1.270 mm
Shaft Tolerance	0.0030 in 0.076 mm

Engineering Internal Radial Clearance

Pre Install Clearance Min	0.0030 in 0.075 mm
Pre Install Clearance Max	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

DVF11K050S
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