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Part Number QAFL09A112S, Single Concentric 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	Imperial
Full Timken Part Number	QAFL09A112SB QAFL09A112SC QAFL09A112SEB QAFL09A112SEC QAFL09A112SEM QAFL09A112SEN QAFL09A112SEO QAFL09A112SET QAFL09A112SM QAFL09A112SN QAFL09A112SO



	QAFL09A112ST
Locking Style	Single Concentric
Housing Construction	Four-Bolt Square Flange
UPC Code	0883450039406
	0883450039413
	0883450039437
	0883450039444
	0883450039451
	0883450039468
	0883450039475
	0883450039482
	0883450191302
	0883450191463
	0883450268660
	0883450268820

Dimensions

Dimension BC	5.5 in 139.7 mm
Dimension C	2.63 in 66.8 mm
Dimension D	4.66 in 118.4 mm
Dimension E	3.89 in 98.8 mm
Dimension F	5.38 in 136.7 mm
Dimension H	0.88 in 22.4 mm
Dimension J (Bolt Size)	0.5 in 12 mm
Dimension KA	1 in 25.4 mm

Dimension L Exp	3.21 in 81.5 mm
Dimension L Fix	3.13 in 79.5 mm
Dimension M	1.88 in 47.8 mm
Dimension N	2.5 in 63.5 mm
Dimension RA	0.25 in 6.35 mm
Dimension SA	2.88 in 73.2 mm

Radial and Thrust Factors

C0 - Static Load	26600 lbf 118000 N
C - Dynamic Load (Basic)	26300 lbf 117000 N
e - Geometry Factor	0.25
Y1 - Geometry Factor	2.71
Y2 - Geometry Factor	4.04

Engineering Seal Speed

Oil Lubrication - M/N Seal	2400 rpm
Oil Lubrication - T Seal	4200 rpm
Oil Lubrication - B/C/O Seal	1800 rpm
Grease Lubrication - M/N Seal	2400 rpm

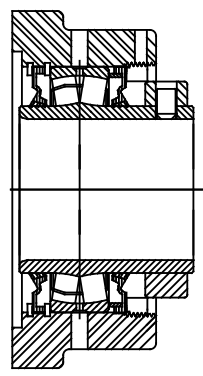
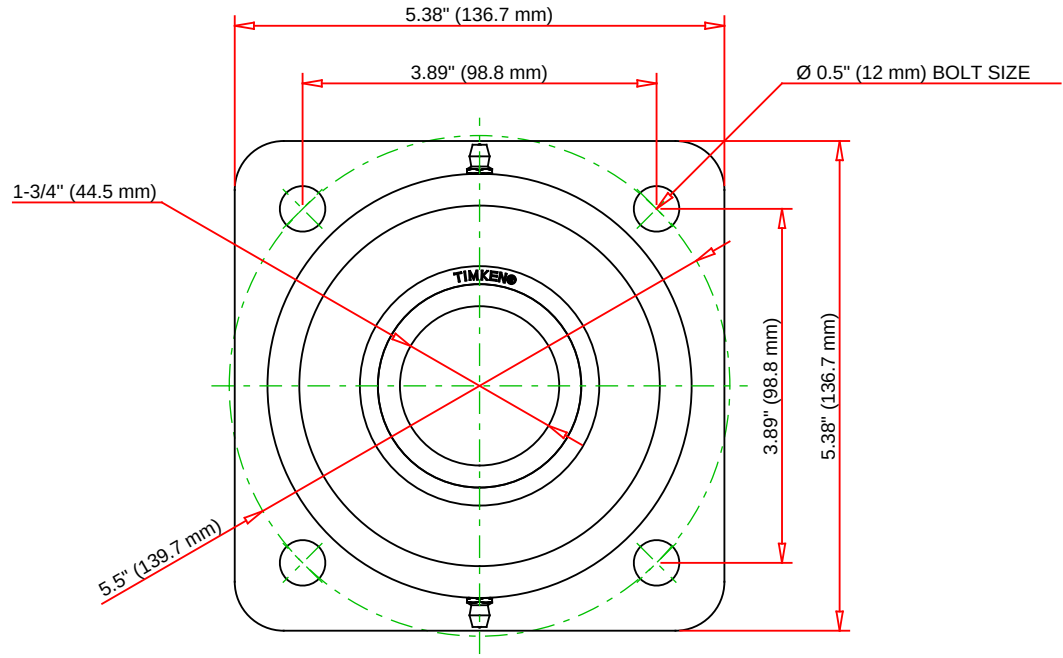
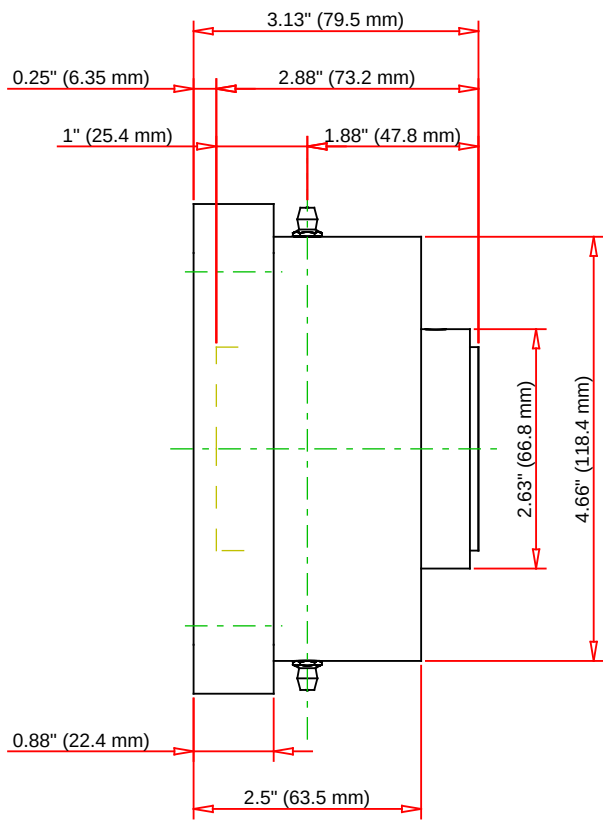
Grease Lubrication - T Seal	3550 rpm
Grease Lubrication - B/C/O Seal	1800 rpm

Engineering Bearing Attributes

Float	0.050 in 1.270 mm
Shaft Tolerance	0.0015 in 0.038 mm

Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0016
Eng Internal Radial Clearance - Max	0.0026
Pre Install Clearance Min	0.0016 in 0.040 mm
Pre Install Clearance Max	0.0026 in 0.065 mm



Note: Section View not to Scale

	C - Dynamic Load	26300	lbf	117000	N		QAFL09A112S Single Concentric Four Bolt Square Flange Block
	C0 - Static Load	26600	lbf	118000	N		
	Weight	11	lb	5	kg		
	Max. Speed T-Seals & Grease	3550	rpm		THE TIMKEN COMPANY NORTH CANTON, OHIO USA		
	Rad. Clearance - Max.	0.0026					
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