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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

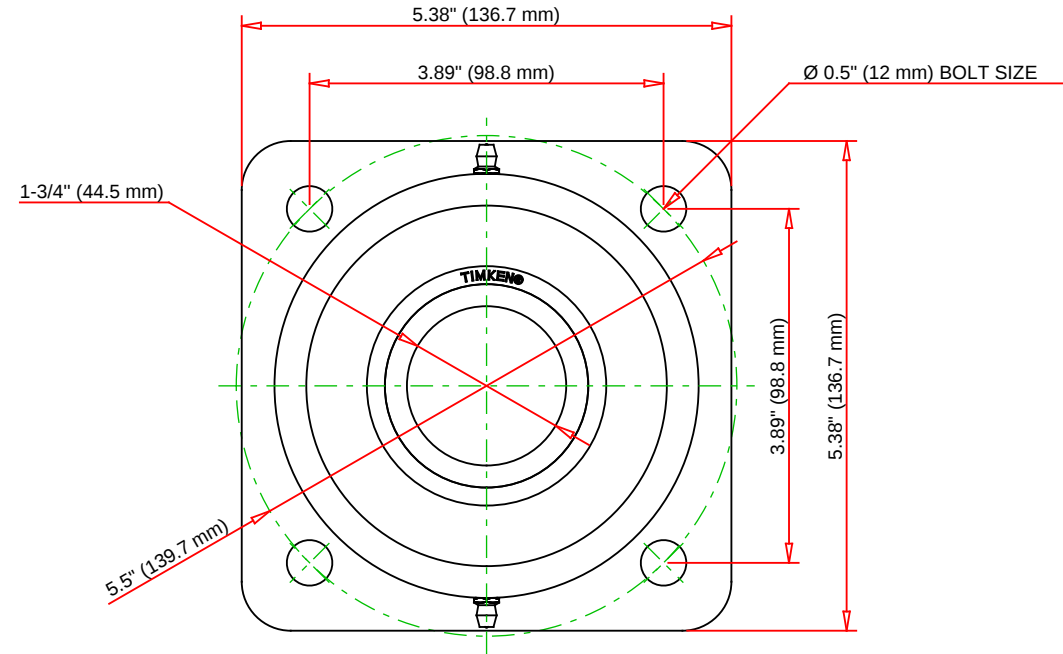
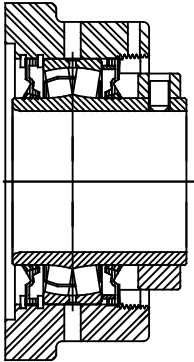
Engineering Internal Radial Clearance

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
C0 - Static Load	26600	lbf	118000	N
Weight	11	lb	5	kg
Max. Speed T-Seals & Grease	3550	rpm		
Rad. Clearance - Max.	0.0026			

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QAFL09A112S

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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