

PRODUCT INFORMATION PACKET



Model No: C4C17FB21E

Catalog No: 102014.00

1/4HP..1725RPM.48.TEFC.115/208-230V.1PH.60HZ.CONT.NOT.40C.1.15SF.RIGID.GENERAL
PURPOSE.C4C17FB21E

Totally Enclosed Fan Cooled (TEFC)



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Nameplate Specifications

Output HP	0.25 Hp	Output KW	0.19 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	5.4/2.4-2.7 A	Speed	1725 rpm
Service Factor	1.15	Phase	1
Efficiency	56 %	Duty	Continuous
Insulation Class	B	Design Code	N
KVA Code	M	Frame	48
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	N
IP Code	43		

Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	NEMA 48
Overall Length	9.06 in	Frame Length	4.75 in
Shaft Diameter	0.500 in	Shaft Extension	1.5 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	031633-475	Connection Diagram	005005.44

Technical drawing of a circular mechanical component, showing three views: front view (left), side view (middle), and top view (right).

Front View (Left):

- Overall width: 3.52
- Overall height: $\phi 6.13$
- Top flange width: 2.75
- Top flange thickness: .34
- Bottom flange width: 2.50 $\pm .09$
- Top flange hole diameter: .25
- Top flange hole spacing: "AD"
- Top flange hole diameter: .06
- Top flange hole spacing: 1.56
- Top flange hole diameter: 1.500
- Top flange hole spacing: 1.38
- Top flange hole diameter: FULL FLAT
- Top flange hole spacing: .448 FLAT
- Top flange hole diameter: .5000
- Top flange hole spacing: $\phi .4895$


Side View (Middle):

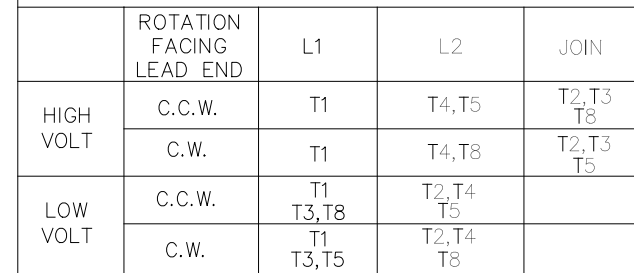
- Overall height: 7.34
- Top flange thickness: .100
- Top flange hole diameter: .100
- Top flange hole spacing: 3.00 $+ .00 - .06$

Top View (Right):

- Overall diameter: $\phi 5.62$
- Overall width: 4.60
- Overall height: 3.66
- Overall depth: 3.54
- Overall width: 4.28
- Overall height: 5.78
- Top flange hole diameter: 1.08
- Top flange hole spacing: 2.14
- Top flange hole diameter: 4.28
- Top flange hole spacing: 5.78
- Top flange hole diameter: (3) $\phi .88$ KNOCKOUTS
- Top flange hole spacing: NAMEPLATE

DASH NO.	"C"	"AD"
475	9.06	1.94
500	9.31	2.19
525	9.56	2.44
550	9.81	2.69
575	10.06	2.94
600	10.31	3.19
625	10.56	3.44
650	10.81	3.69
675	11.06	3.94
700	11.31	4.19
725	11.56	4.44

					TOLERANCES UNLESS SPECIFIED		ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN PG 5/30/01
				DEC.	INCHES		CHK	
				.X	±.1		APPD	
				.XX	±.03		SCALE 1=2	
02	ADDED DASH NO. 725 (PR040408)	KMM 7/30/04		.XXX	±.005	TITLE OUTLINE - 48 FRAME RIGID MOUNT - TEFC	REF 030391	
01	ADDED DASH NO. 700 (PR037078)	PG 12/18/03		.XXXX	±.0005	MAT'L 1 PHASE	FIMF	
NQ.	REVISION	BY & DATE	CHK ANG ±1/2"	FINISH			PREV	
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