

PRODUCT INFORMATION PACKET



Model No: C215T48FB44C

Catalog No: 140446.00

5/2.5HP..1725/850RPM.215.TEFC./230V.3PH.60HZ.CONT.NOT.40C.1.0SF.RIGID.TWO-
SPEED.C215T48FB44C

Fan and Blower



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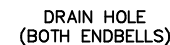
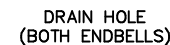
Nameplate Specifications

Output HP	5 Hp	Output KW	3.7 kW
Frequency	60 Hz	Voltage	208-230 V
Current	13.4 A	Speed	1725 rpm
Service Factor	1	Phase	3
Efficiency	81.5 %	Duty	Continuous
Insulation Class	F	Design Code	NO DESIGN CODE
KVA Code	H	Frame	215T
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6207
Opp Drive End Bearing Size	6206	UL	Recognized
CSA	Y	CE	N
IP Code	43		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	17.71 in	Frame Length	11.00 in
Shaft Diameter	1.375 in	Shaft Extension	3.38 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	OL140446	Connection Diagram	005148.01

- GREASE FITTING
(BOTH ENDBELLS)



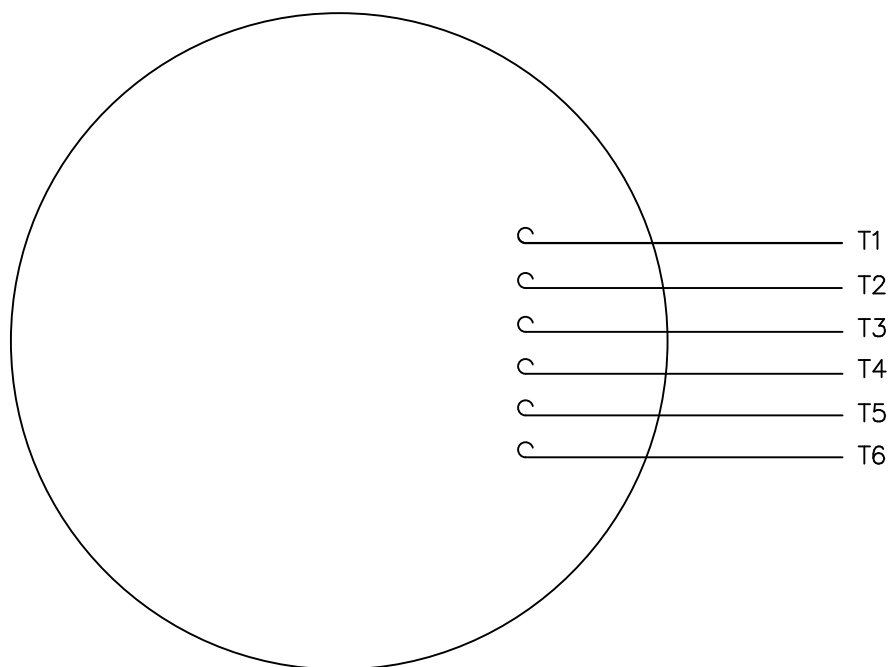
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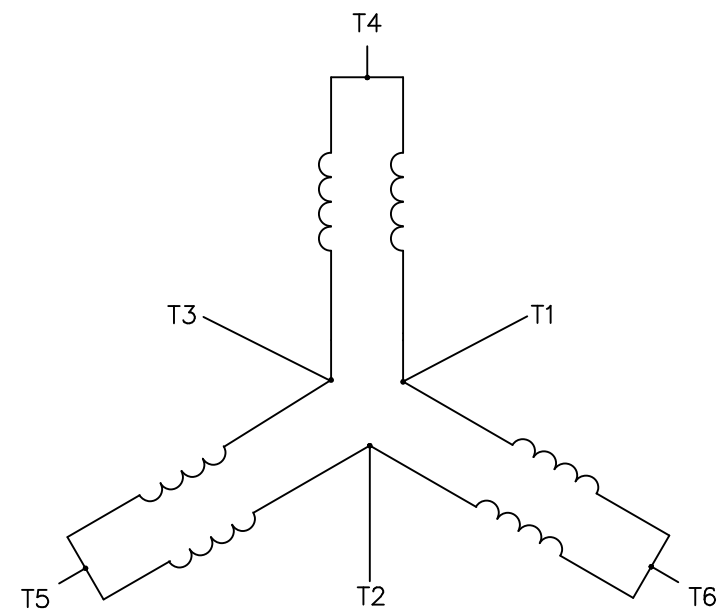
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VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



SPEED	L1	L2	L3	JOIN	SEPARATE
HIGH	T6	T4	T5	(T1,T2,T3)	
LOW	T1	T2	T3		(T4),(T5), (T6)

				TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN DLL 10/19/77		
				DEC.	INCHES				CHK RPB 10/28/77		
				.X	±.1				APPD JCW 10/31/77		
				.XX	±.01				SCALE 1=1		
03	SPEED WAS VOLTAGE	RLW 6/23/04		.XXX	±.005	TITLE EXT. WIRING DIAGRAMS 3 PHASE W/O PROTECTOR				REF W-T8(4-8)1	
02	REDRAWN TO CAD	DBT 5/30/97		.XXXX	±.0005					MAT'L.DECAL: 004183 2SPEED/1WINDING/CONSTANT TORQUE	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH				PREV	
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			DIST						A	005148-01	

Data Sheet

Date: 1/31/2018

140446.00



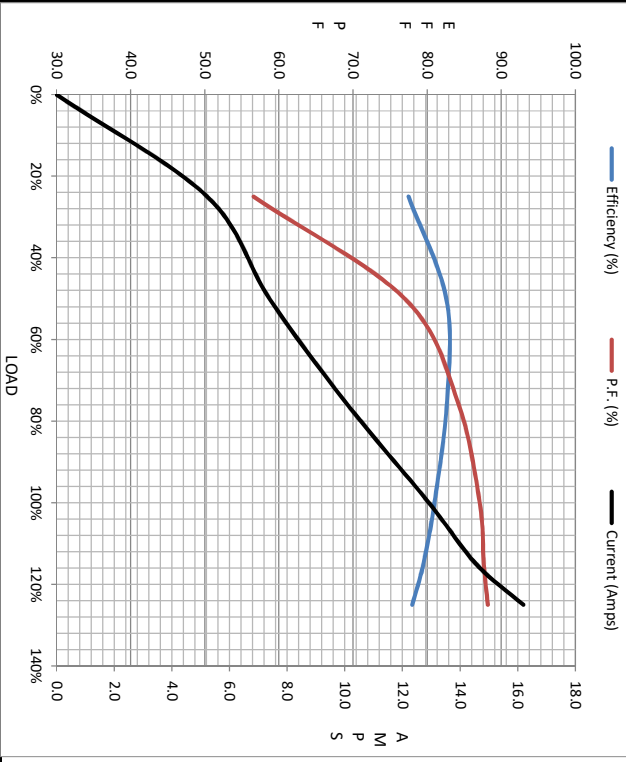
Data @ 230 V

Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	0.00	5.2	7.4	10.0	12.9	14.6	16.2	83.0
Torque (ft-lb)	0.00	3.8	7.5	11.3	15.0	16.9	18.8	42.0
RPM	1800	1779	1757	1733	1705	1,691	1670	0
Efficiency (%)		77.5	82.6	82.7	81.0	79.5	78.0	
P.F. (%)	0.0	56.6	77.0	84.1	87.1	87.7	88.2	0.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle	Information Block	
Speed (RPM)	0	900	1656	1705	1800		
Current (Amps)	83.0	76.4	49.8	12.9	0.00		
Torque (ft-lb)	42.0	36.5	45.0	15.0	0.00		
						HP	5.0
						Sync. RPM	1800



Efficiency (%)	P.F. (%)	Current (Amps)
0.0	0.0	0.0
20.0	56.6	5.2
40.0	77.0	7.4
60.0	82.6	10.0
80.0	82.7	12.9
100.0	81.0	14.6
120.0	79.5	16.2
140.0	78.0	18.8

Speed -Torque Curve

