

PRODUCT INFORMATION PACKET



Model No: C184T48FB63C

Catalog No: 131470.00

..3/1.5HP..1725/850RPM.184.TEFC./460V.3PH.60HZ.CONT.40C.1.0SF.RIGID.C184T48FB63C.....HVAC.NO
T.....

Fan and Blower



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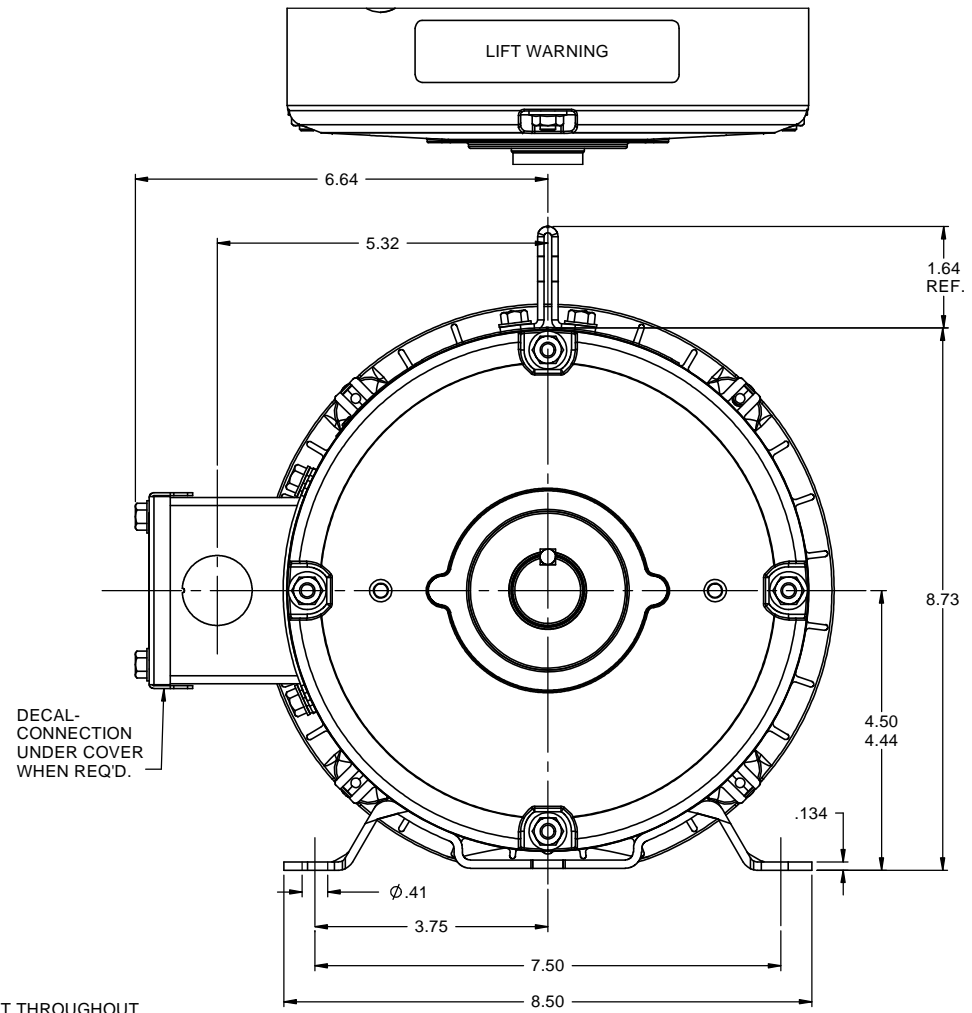
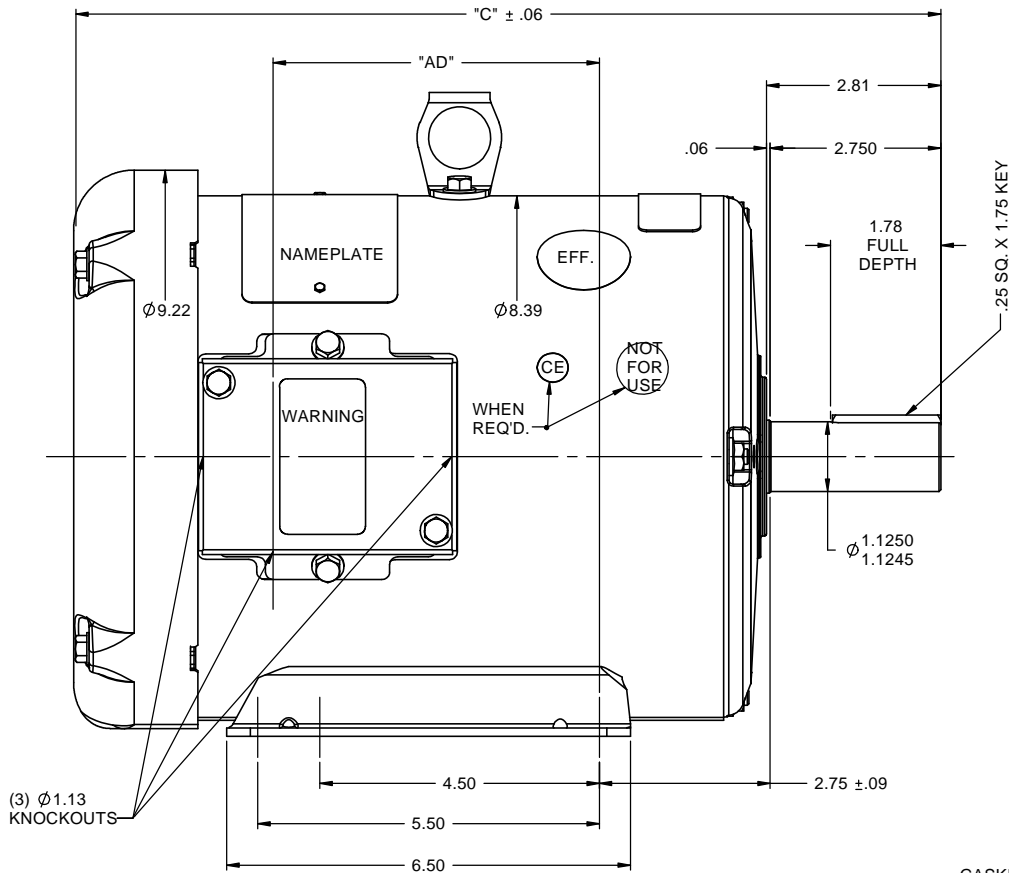
Nameplate Specifications

Output HP	3,1.50 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	460 V
Current	3.8,3.5 A	Speed	1725,850 rpm
Service Factor	1	Phase	3
Efficiency	80 %	Duty	Continuous
Insulation Class	F	Design Code	2VT
KVA Code	G	Frame	184T
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6206
Opp Drive End Bearing Size	6205	UL	Recognized
CSA	Y	CE	N
IP Code	43		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4//8	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	14.96 in	Frame Length	9.50 in
Shaft Diameter	1.125 in	Shaft Extension	2.75 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	035465-950	Connection Diagram	005148.01

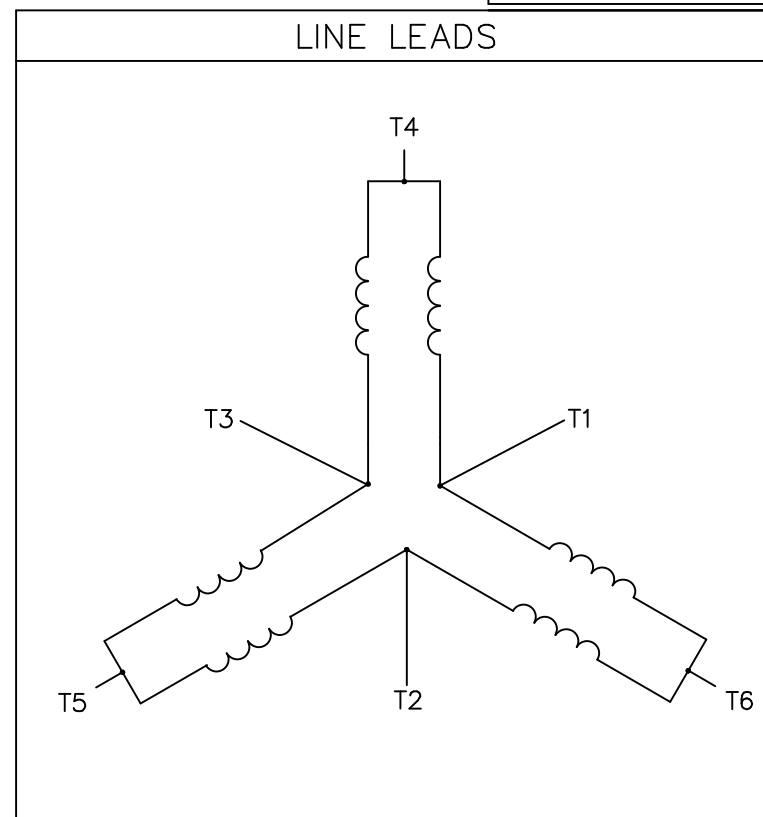
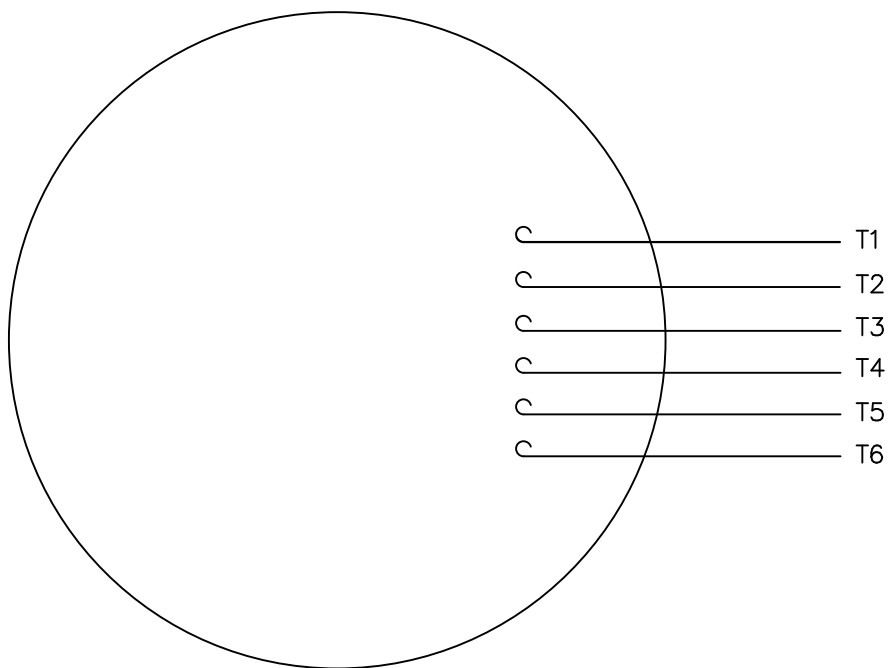
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DASH NO.	"C"	"AD"
750	12.96	4.25
800	13.46	4.75
850	13.96	5.25
900	14.46	5.75
950	14.96	6.25
1000	15.46	6.75
1050	15.96	7.25
1100	16.46	7.75
1150	16.96	8.25

				TOLERANCES UNLESS SPECIFIED				DRAWN MGM 2/21/03	
				DEC INCHES				CHK	
				X ±.1		XX ±.03		APPR RDW 2/21/03	
02 REV TO MATCH ORACLE				LST 8/13/2010		XX XXX ±.005		TITLE OUTLINE - 180T FRAME	
- UPDATE & REDRAWN IN SOLIDWORKS				LST 12/10/2009		XX XXXX ±.0005		TEFC - RIGID	
NO REVISION				BY & DATE		CHK ANG ±1/2°		MATL GENERAL PURPOSE	
THIRD ANGLE PROJECTION				RFP		PREV		FINISH	
				NETWORK FILE NAME 035465		SIZE B		DRAWING NO 035465	
								PAGE OF	
								REV 02	

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



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

		TOLERANCES UNLESS SPECIFIED	
		DEC.	INCHES
		.X	±.1
		.XX	±.01
03	SPEED WAS VOLTAGE	RLW 6/23/04	.XXX ±.005
02	REDRAWN TO CAD	DBT 5/30/97	.XXXX ±.0005
NO.	REVISION	BY & DATE	CHK ANG ±1/2°
			RFP 10/31/77
			DIST



ELECTRIC MOTORS
GEARMOTORS
AND DRIVES

DRAWN	DLL 10/19/77
CHK	RPB 10/28/77
APPD	JCW 10/31/77
SCALE	1=1
REF	W-T8(4-8)1
FMF	184T17FB9
PREV	

TITLE
EXT. WIRING DIAGRAMS
3 PHASE W/O PROTECTOR

MAT'L.DECAL: 004183 2SPEED/1WINDING/CONSTANT TORQUE

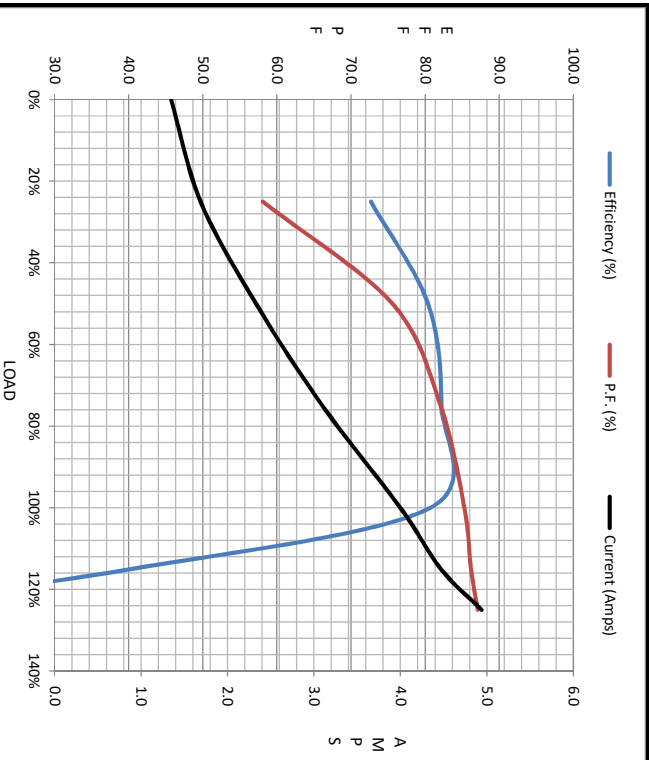
FINISH

CAD FILE	00514801	SIZE	DRAWING NO.	REV.
		A	005148-01	03



Motor Load Data									
Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	1.35	1.69	2.33	3.1	4.0	4.5	4.9	23.5	
Torque (ft-lb)	0.00	2.25	4.5	6.8	9.0	4.5	0.00	21.0	
RPM	1800	1779	1760	1738	1714	1,703	1686	0	
Efficiency (%)		72.7	80.4	82.2	80.7	40.4	0.0		
P.F. (%)	21.0	58.1	75.6	82.1	85.3	86.2	87.1	0.0	

Motor Speed Data						Information Block																										
LR	Pull-Up	BD	Rated	Idle		HP	Sync. RPM	Frame	Enclosure	Construction	Voltage	Frequency	Design	LR Code letter	Service Factor	Temp Rise @ FL	Duty	Ambient	Elevation	Rotor/Shaft wk ²	Ref Wdg	Sound Pressure @ 1M	VFD Rating	Outline Dwg	Conn. Diag	Additional Specifications:	R1	R2	X1	X2	Xm	
0	900	1656	1714	1800		3.0	1800	180	TEFC	NA	460	60	B	G	1.15	0	CONT	40	1,000	0.00	T8(4-8)9 FR	0	dB(A)	NONE	035465-950	005148.01		0.0000	0.0000	0.0000	0.0000	0.0000



EQUIV CKT (OHMS / PHASE)					
R1	R2	X1	X2	Xm	
0.0000	0.0000	0.0000	0.0000	0.0000	

