

# PRODUCT INFORMATION PACKET



Model No: C184T48FB66C

Catalog No: 131473.00

2/1HP..1740/860RPM.184.TEFC./230V.3PH.60HZ.CONT.NOT.40C.1.0SF.RIGID.TWO-SPEED.C184T48FB66C

Fan and Blower



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**Nameplate Specifications**

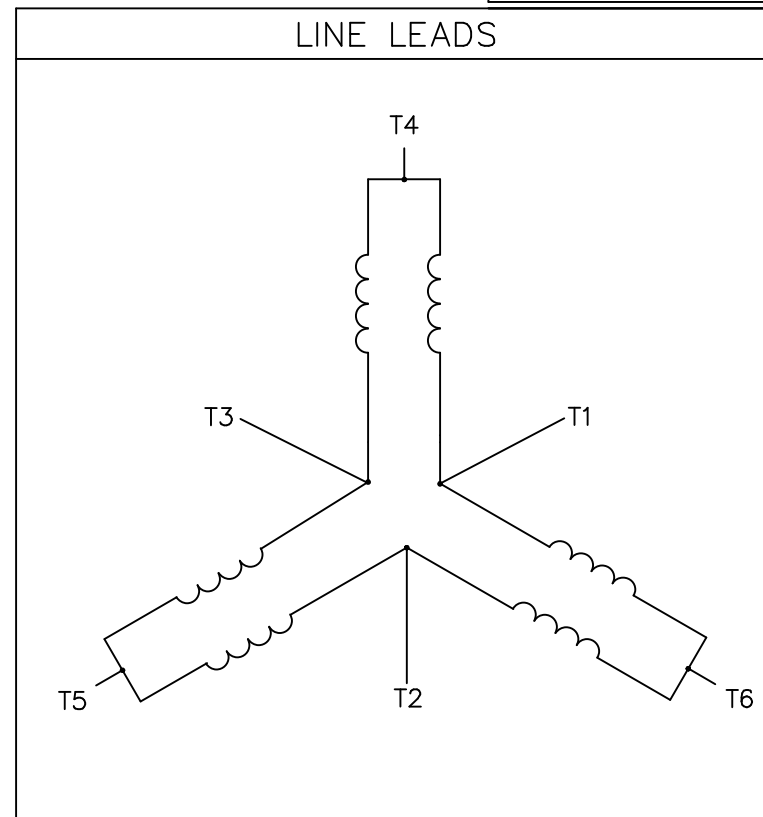
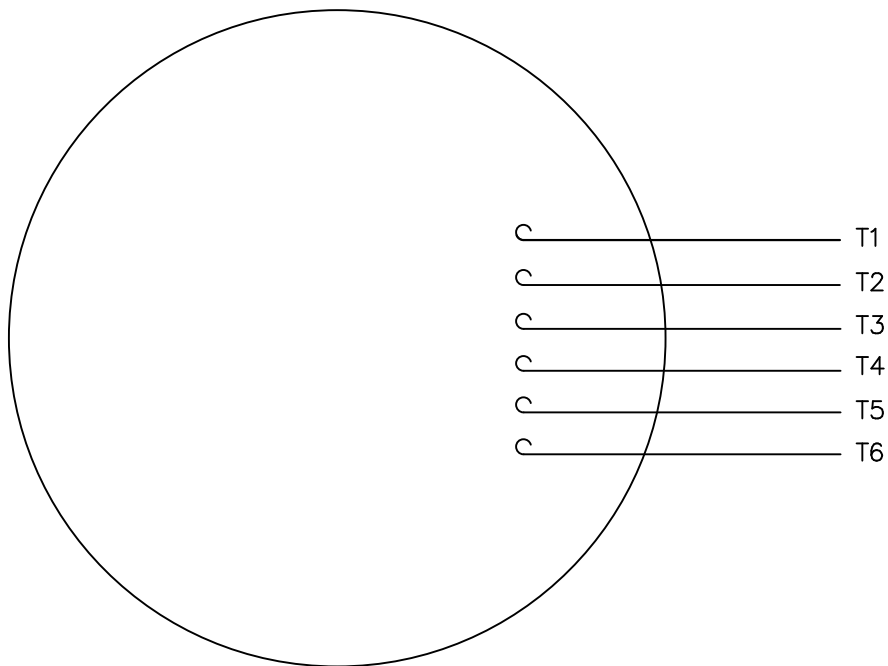
Output HP	<b>2 Hp</b>	Output KW	<b>1.5 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>208-230 V</b>
Current	<b>5.8 A</b>	Speed	<b>1740 rpm</b>
Service Factor	<b>1</b>	Phase	<b>3</b>
Efficiency	<b>80 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>B</b>	Design Code	<b>B</b>
KVA Code	<b>P</b>	Frame	<b>184T</b>
Enclosure	<b>Totally Enclosed Fan Cooled</b>	Overload Protector	<b>No</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6206</b>
Opp Drive End Bearing Size	<b>6205</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>N</b>
IP Code	<b>43</b>		

**Technical Specifications**

Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4</b>	Rotation	<b>Reversible</b>
Mounting	<b>Rigid base</b>	Motor Orientation	<b>HORIZONTAL</b>
Drive End Bearing	<b>BALL</b>	Opp Drive End Bearing	<b>BALL</b>
Frame Material	<b>Rolled Steel</b>	Shaft Type	<b>T</b>
Overall Length	<b>13.96 in</b>	Frame Length	<b>8.50 in</b>
Shaft Diameter	<b>1.125 in</b>	Shaft Extension	<b>2.75 in</b>
Assembly/Box Mounting	<b>F1/F2 CAPABLE</b>		
Outline Drawing	<b>035325-HX</b>	Connection Diagram	<b>005148.01</b>



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	A
DRAWING NO.	005148-01
REV.	03



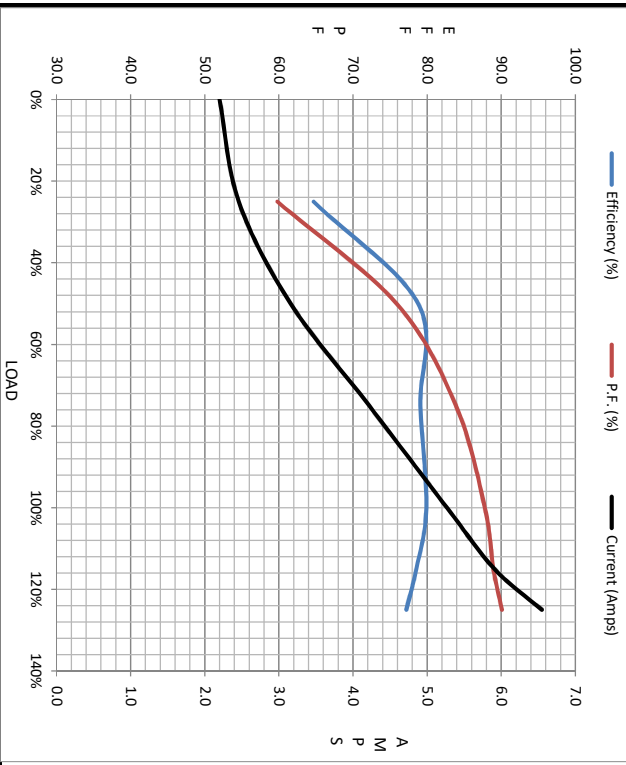
Motor Load Data						LR	
Load	0%	25%	50%	75%	100%	115%	125%
Current (Amps)	2.20	2.46	3.2	4.2	5.3	5.9	6.6
Torque (ft-lb)	0.00	1.50	3.0	4.5	6.0	6.8	7.5
RPM	1800	1780	1766	1746	1729	1718	1702
Efficiency (%)		64.7	78.8	79.1	79.9	78.6	77.2
P.F. (%)	17.6	59.8	75.9	83.9	87.8	89.0	90.1

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	900	1656	1729	1800
Current (Amps)	34.0	31.3	20.4	5.3	2.20
Torque (ft-lb)	14.0	12.0	18.0	6.0	0.00

Information Block

HP	2.0			
Sync. RPM	1800			
Frame	0			
Enclosure	TEFC			
Construction	NA			
Voltage	208-230 V			
Frequency	60 Hz			
Design	B			
LR Code letter	#VALUE!			
Service Factor	1.0			
Temp Rise @ FL	73 °C			
Duty	CONT			
Ambient	40 °C			
Elevation	1,000 feet			
Rotor/Shaft wk <sup>2</sup>	-1.00 lb-Ft <sup>2</sup>			
Ref Wdg	T8(4-8)2 FR			
Sound Pressure @ 1M	0 dBA			
VFD Rating	NONE			
Outline Dwg	035325-850			
Conn. Diag	005148.01			
Additional Specifications:				
0				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000



Speed - Torque Curve

