

PRODUCT INFORMATION PACKET



Model No: 131473.00

Catalog No: 131473.00

Fan and Blower Motor, 2 & 1 HP, 3 Ph, 60 & 60 Hz, 208-230 & 208-230 V, 1800 & 1800 RPM, 184T Frame,
TEFC



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Nameplate Specifications

Phase	3	Output HP	2 & 1 Hp
Output KW	1.5 & 0.75 kW	Voltage	208-230 & 208-230 V
Speed	1740 & 876 rpm	Service Factor	1.00 & 1.00
Frame	184T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	80 & 68 %
Ambient Temperature	40 °C	Frequency	60 & 60 Hz
Current	5.8 & 5.7 A	Power Factor	88
Duty	Continuous	Insulation Class	B
Design Code	1CT	KVA Code	H
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	N	IP Code	43
Number of Speeds	2		

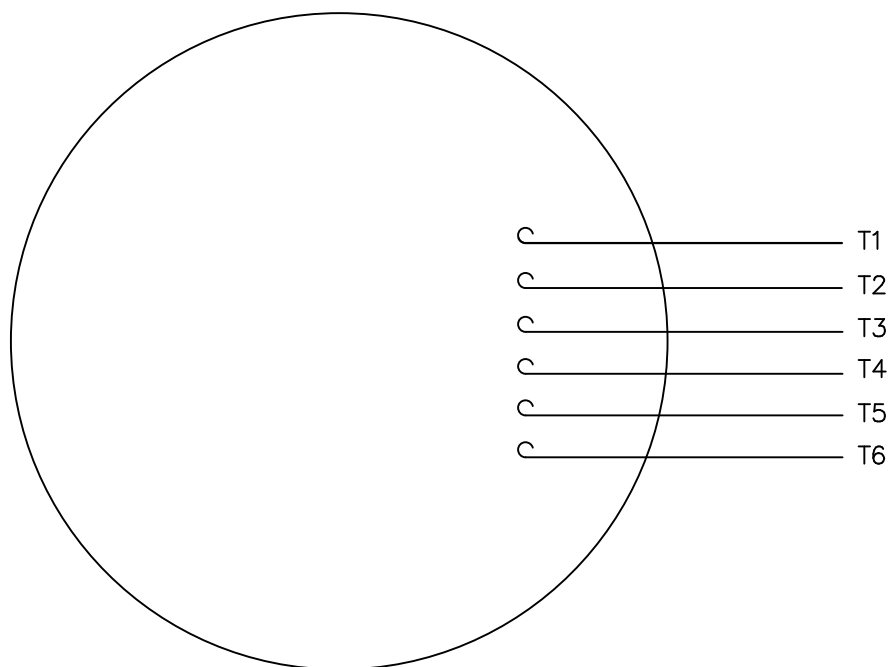
Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4/8	Rotation	Reversible
Resistance Main	0 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	13.96 in
Frame Length	8.50 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	005148.01	Outline Drawing	035325-HX

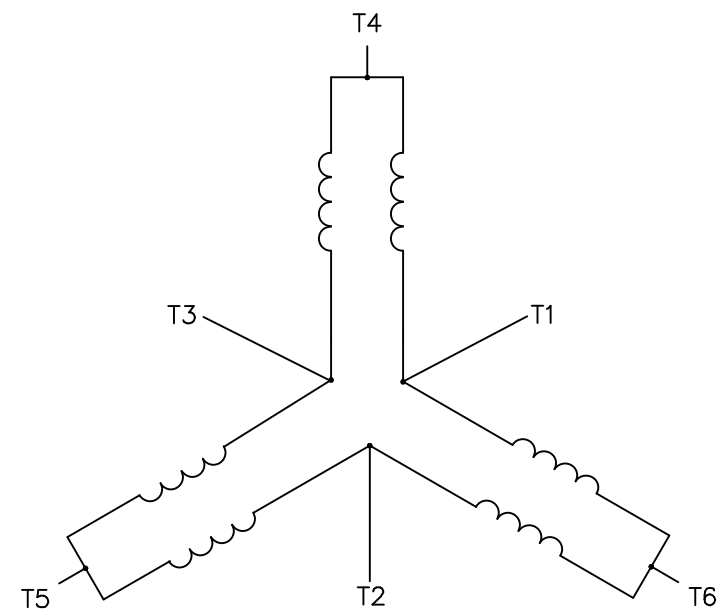


THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED	ANGLES	± 1/2"	REF.	035002	FINISH	LEESON	SIZE B	DRAWING NO. 035325
	INCH/MM		FMF	STANDARD		STOCK		


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		
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT			RFP 10/31/77		CAD FILE 00514801			SIZE	DRAWING NO.		REV.
			DIST					A	005148-01		03

Data Sheet

Date: 1/29/2018

131473.00



Data @ 230 V

Motor Load Data

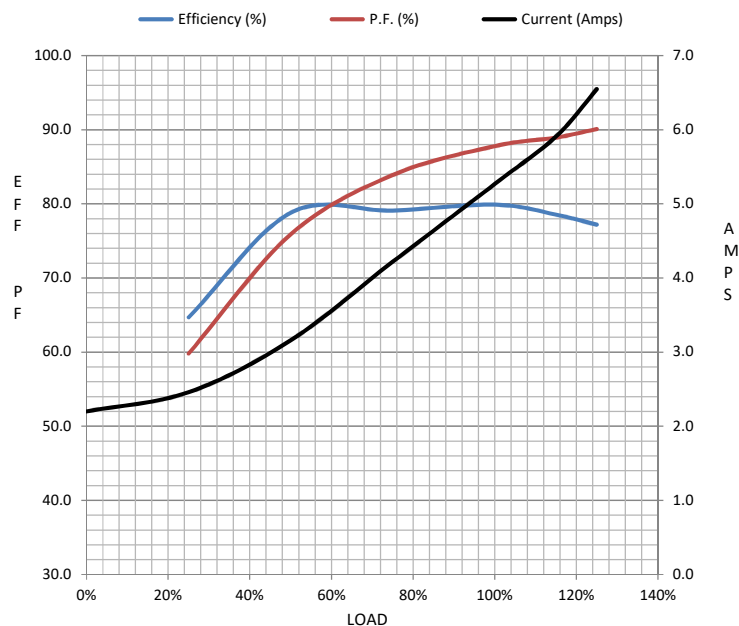
Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	2.20	2.46	3.2	4.2	5.3	5.9	6.6	34.0	
Torque (ft-lb)	0.00	1.50	3.0	4.5	6.0	6.8	7.5	14.0	
RPM	1800	1780	1766	1746	1729	1,718	1702	0	
Efficiency (%)		64.7	78.8	79.1	79.9	78.6	77.2		
P.F. (%)	17.6	59.8	75.9	83.9	87.8	89.0	90.1	0.0	

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 wk²	-1.00 Lb-Ft²			
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				
0				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000



Speed - Torque Curve

