

PRODUCT INFORMATION PACKET



Model No: C182T17FB60A

Catalog No: 132465.00

..3HP..1800RPM.182T.TEFC.200/400-416V.3PH.60HZ.CONT.40C.1.15 S.F..RIGID.....SPECIAL
VOLTAGE.....

200/400 Volts



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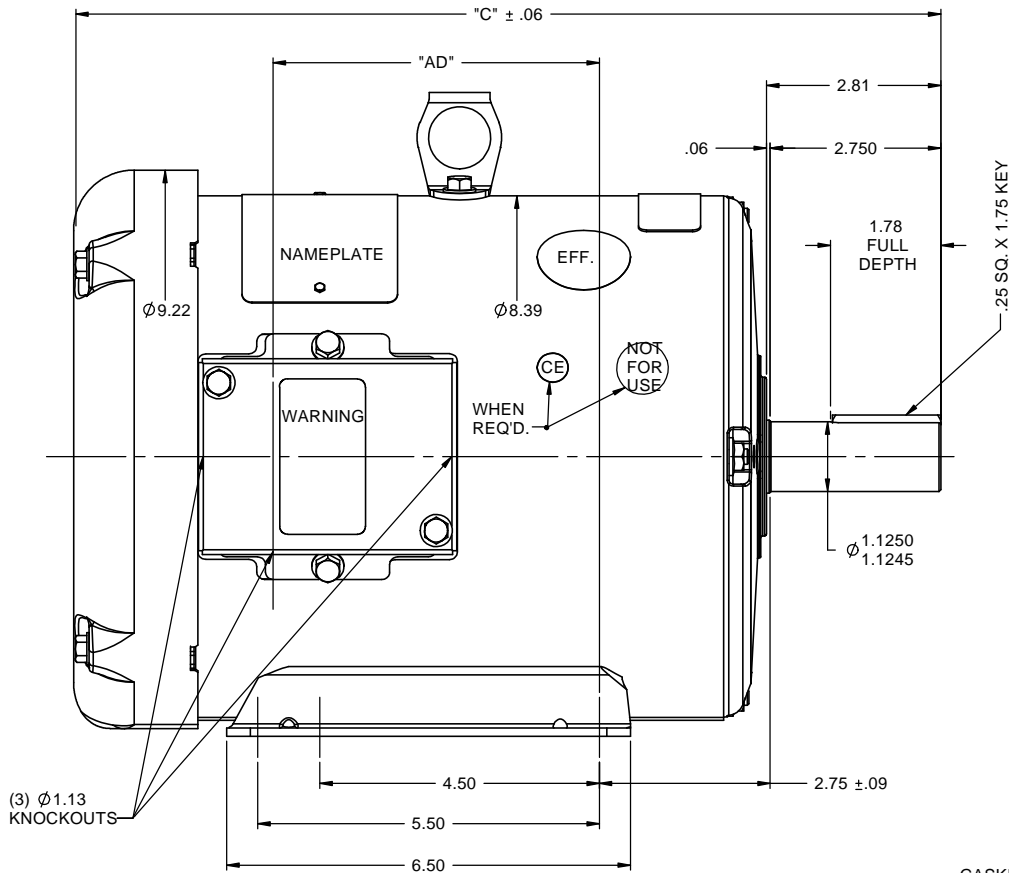
Nameplate Specifications

Output HP	3 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	208/416 V
Current	8.7/4.3 A	Speed	1770 rpm
Service Factor	1.15	Phase	3
Efficiency	89.5 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	K	Frame	182T
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	Y
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	13.96 in	Frame Length	8.50 in
Shaft Diameter	1.125 in	Shaft Extension	2.75 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	035465-850	Connection Diagram	005010.01

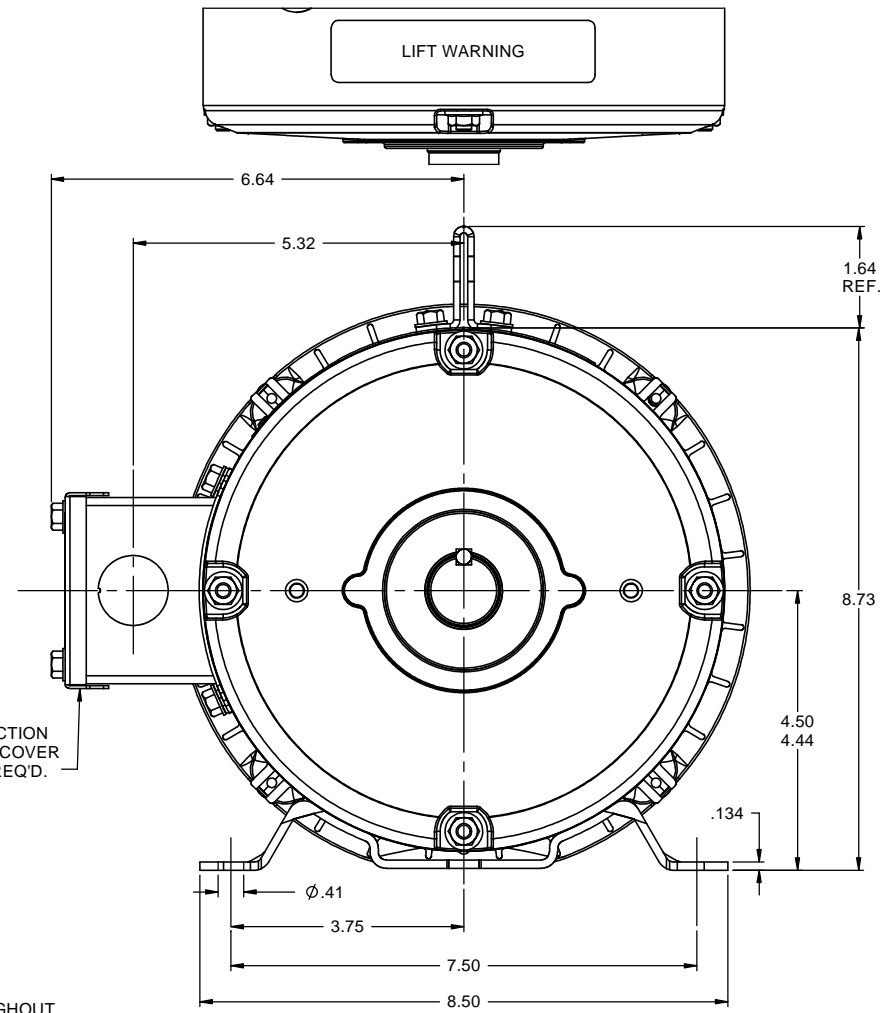
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.25 SQ. X 1.75 KEY

DECAL-
CONNECTION
UNDER COVER
WHEN REQ'D.

GASKET THROUGHOUT

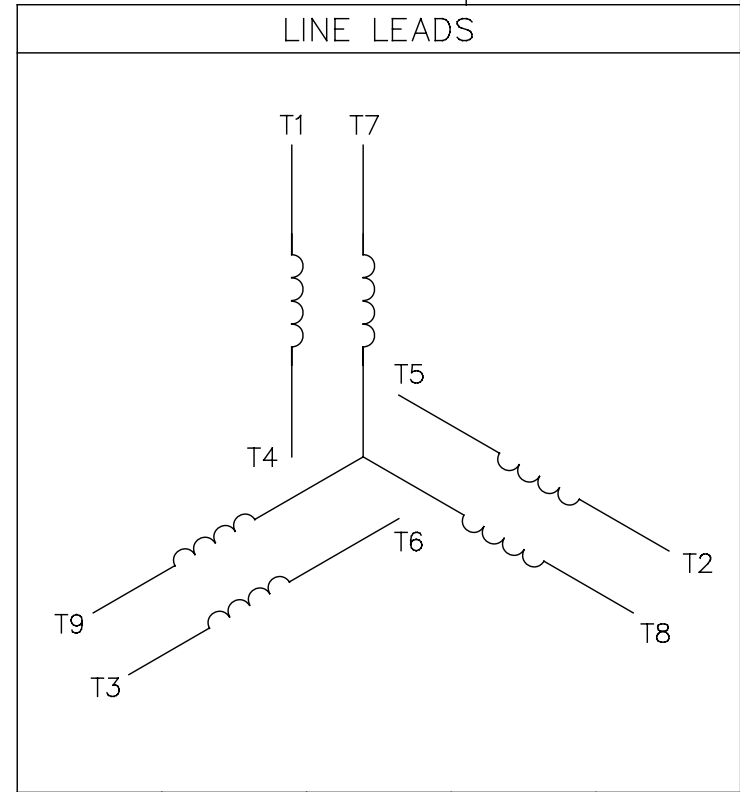
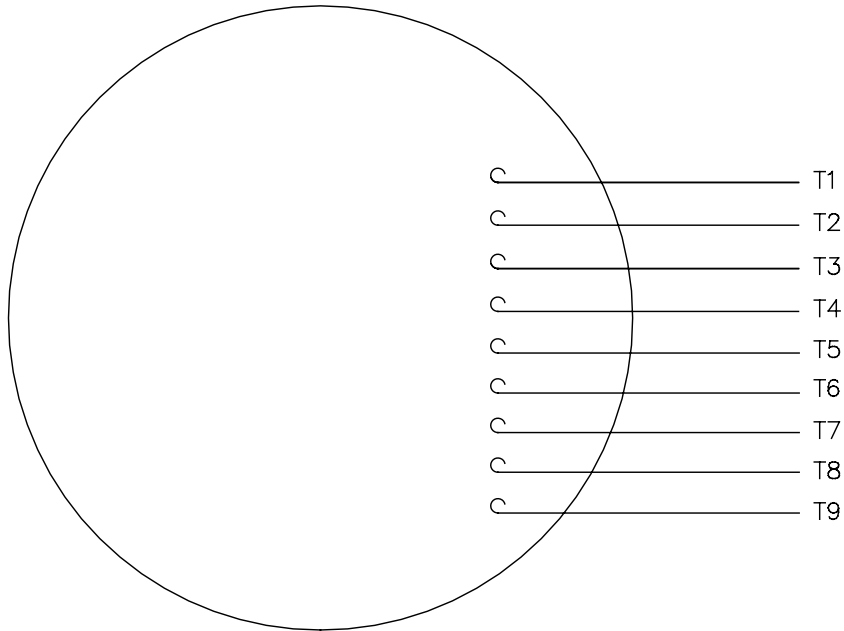


DASH NO.	"C"	"AD"
750	12.96	4.25
800	13.46	4.75
850	13.96	5.25
900	14.46	5.75
950	14.96	6.25
1000	15.46	6.75
1050	15.96	7.25
1100	16.46	7.75
1150	16.96	8.25

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

005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

				TOLERANCES UNLESS SPECIFIED		Regal Beloit America, Inc.		DRAWN RDW 04/12/02			
				DEC.	INCHES			CHK			
				.X	±.1			APPD			
				.XX	±.01			SCALE 1=1			
				.XXX	±.005	TITLE		REF FIG.2-51			
A	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY	.XXXX	±.0005	MAT'L		DECAL - 004014			
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	04/12/02	CAD FILE		00501001	SIZE	DRAWING NO.	REV.
				DIST	BRF-NLV			A	005010-01	A	



P.O. BOX 8003
WAUSAU, WI 54401-8003
PH. 715-675-3311

DATA VOLTS: 460

CERTIFICATION DATA SHEET

CONN. DIAGRAM: 005010.01
OUTLINE: 035465-850
WINDING: T84174

CAT #: 132465.00

FR 14

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN	
3	2.2	1800	1770	182T	TEFC	TFW	K	B	
PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB	ELEV.
3	60	208/416	8.65/4.3	ACROSS THE LINE	CONT	F	1.15	40	3300
	F.L. EFF		3/4 LD EFF	89.6	1/2 LD EFF	87.7	GTD EFF		ELECT. TYPE
	F.L. PF	80.5	3/4 LD PF	73.8	1/2 LD PF	62.7	0.0		SO CAGE IND RUN
	F.L. TORQUE	LR AMPS @ 460 V		L.R. TORQUE		B.D. TORQUE		F.L. RISE (°C)	
	8.9 LB-FT	37.0		22.5 LB-FT	253%	36.0 LB-FT		40%	40
	PRESSURE @ 3	POWER	ROTOR WK²	MAX. LOAD WK²	SAFE STALL TIME	STARTS/HOUR		MOTOR WGT	
	0 DBA	9 DBA	0.38 LB-FT²	0 LB-FT²	10 SEC.	2		0 LB.	

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	MOTOR ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	NO	NONE	NO	NONE	JE - LEESON (ENAM)
BEARINGS	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	MATERIAL	FRAME MATERIAL	
DE ODE	BALL BALL	POLYREX EM	T	NONE	AIISI 1045 (C-240)	ROLLED STEEL		
6206	6205							

THERMOSTATS	PROTECTORS	WDG RTD's	BRG RTD's	THERMISTORS	CONTROL	SPACE HEATERS
NONE	NOT	NONE	NONE	NONE	FALSE	NA
R1 (ohms/ph)	R2 (ohms/ph)	X1 (ohms/ph)	X2 (ohms/ph)	Xm (ohms/ph)	VIBRATION (in/sec)	FLOAT
0	0	0	0	0	0.150	ODE

* N O T E S *	INVERTER TORQUE: NONE INV. HP SPEED RANGE: NONE	
	ENCODER: NONE	
	BRAKE: NONE	
	FT-LB: NONE	
	VOLTAGE: NONE	
	HZ: NONE	

DATE:	1/31/2018	UL: Y-(LEESON UL REC)
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