

# PRODUCT INFORMATION PACKET

Model No: G131617.00

Catalog No: G131617.00

SOLETE REPLACED BY 132477.00 - 3HP..1770RPM.182.TEFC./V.3PH.60HZ.CONT.NOT.40C.1.15SF.RIGID C.BRAK  
MOTOR.C182T17FK17B

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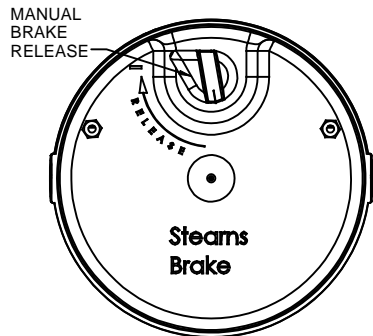
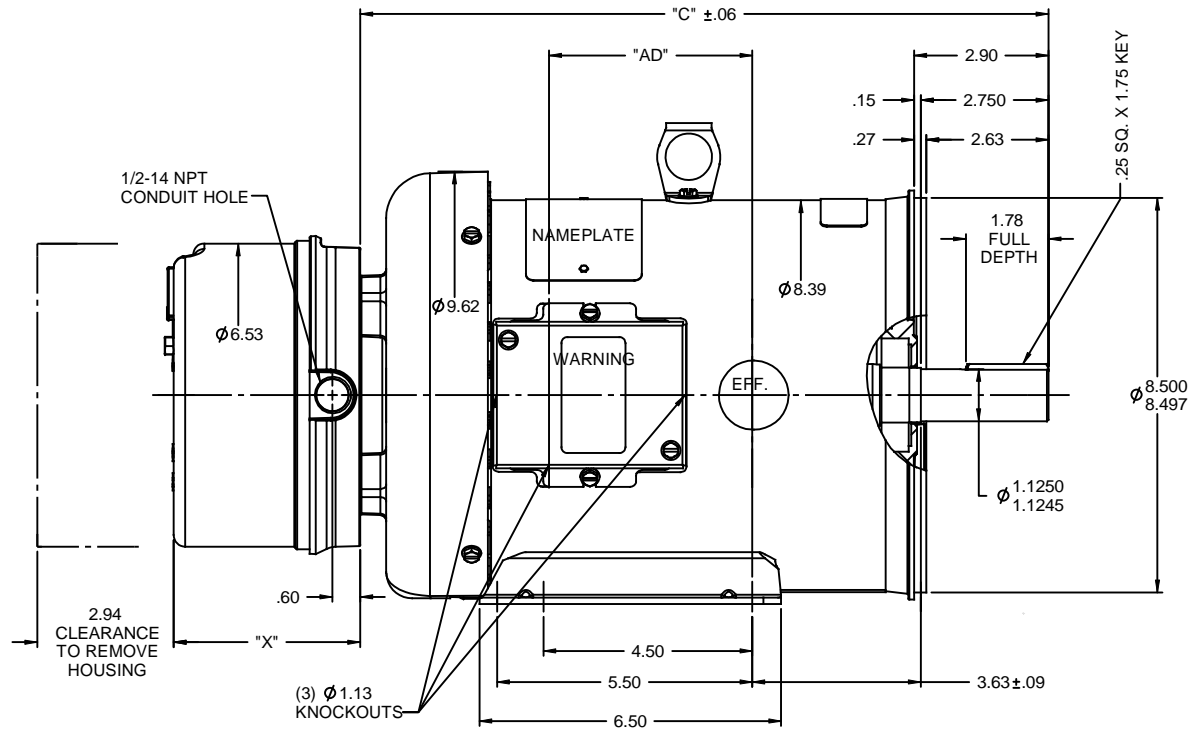
## Nameplate Specifications

Output HP	3 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	230/460 V
Current	8.6/4.3 A	Speed	1760 rpm
Service Factor	1.15	Phase	3
Efficiency	87.5 %	Power Factor	74
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Frame	182TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

## Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	4.4 Ohms	Mounting	Rigid Base
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	T
Assembly/Box Mounting	VERIFY		
Outline Drawing	035519-850	Connection Drawing	005010.15

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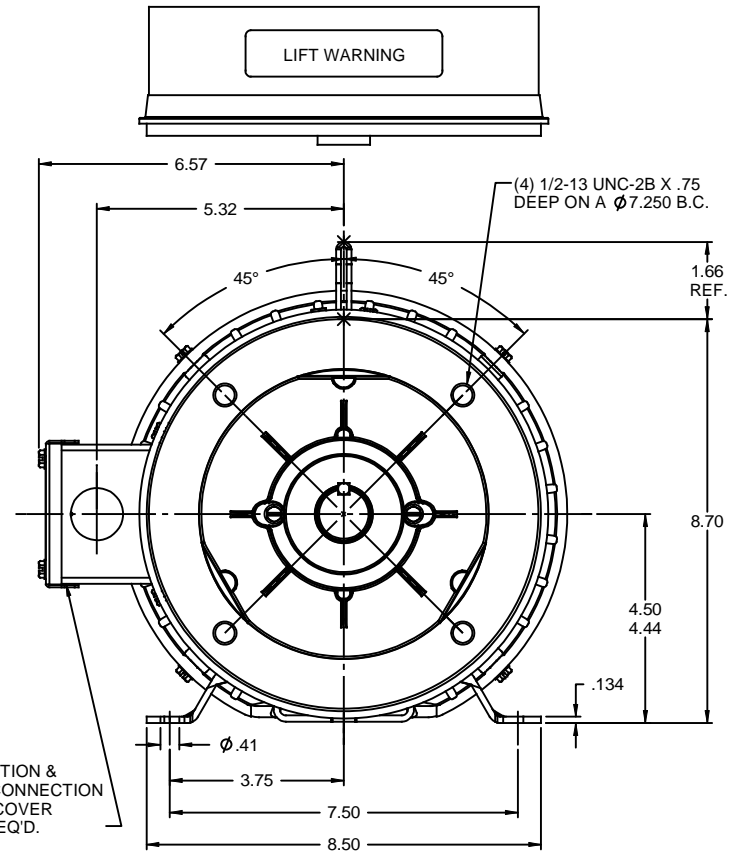


BRAKE HOUSING

BRAKE TORQUE	"X"
15 FT-LB	4.00
20 FT-LB	4.46
25 FT-LB	4.46

DASH NO.	"C"	"AD"
850	14.82	4.38
900	15.32	4.88
950	15.82	5.38
1000	16.32	5.88
1050	16.82	6.38
1100	17.32	6.88
1150	17.82	7.38

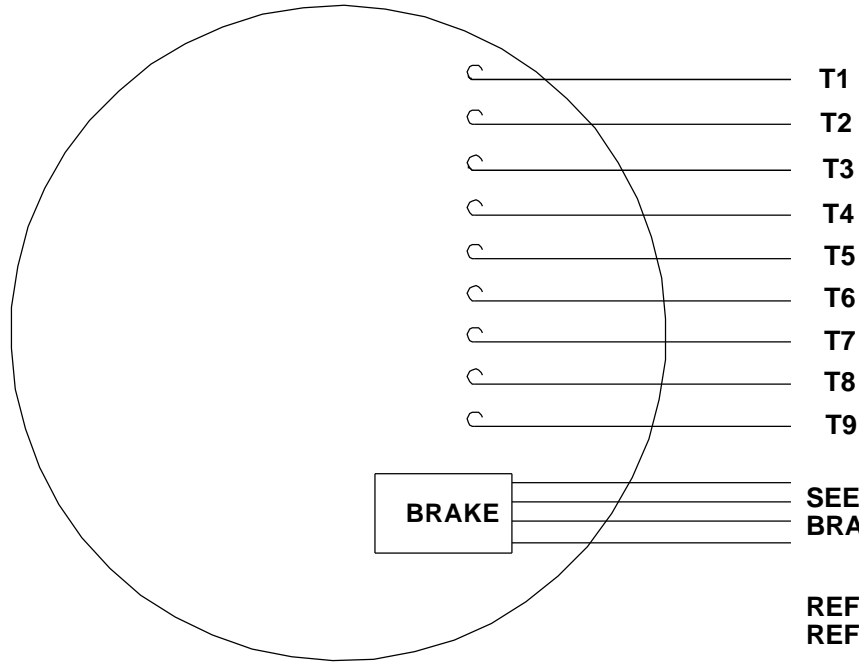
DECAL-  
CONNECTION &  
BRAKE CONNECTION  
UNDER COVER  
WHEN REQ'D.



GASKETS THROUGHOUT  
MAXIMUM FACE RUNOUT TO BE .004 T.I.R.  
MAXIMUM PILOT ECCENTRICITY TO BE .004 T.I.R.  
PERMISSIBLE SHAFT RUNOUT TO BE .002 T.I.R.  
BASE & C-FACE MOUNTING TAPS TO BE SQUARE AND  
PARALLEL TO EACH OTHER ± 1/32" MAX.

				TOLERANCES UNLESS SPECIFIED		<b>REGAL-BELOIT CORPORATION</b>	DRAWN LST 11/8/09	
				DEC	INCHES		CHK	
				X	±.1	TITLE OUTLINE - 180T FRAME TEFC - RIGID "C"	APPR	
				XX	±.03		SCALE	3:8
				XXX	±.005		REF	
				XX	XXX ±.0005		FMF	
- REDRAWN IN SOLIDWORKS				LST 11/9/2009	XX	MATL	PAGE OF	
NO		REVISION		BY & DATE	CHK ANG ±1/2"	FINISH	DRAWING NO	
		THIRD ANGLE PROJECTION			RFP	PREV	SIZE	REV
					NETWORK FILE NAME		B	-
							035519	

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.

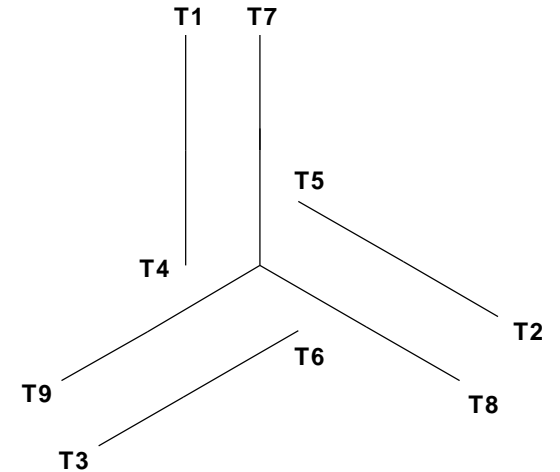


**CAUTION:**  
**LEAD WIRE INSULATION TO EXTEND**  
**MINIMUM OF 1/4" INTO CONNECTOR**  
**INSULATION**

**SEE TABLE FOR  
BRAKE CONNECTIONS**

**REF. DECAL (MOTOR) - 004014**  
**REF. DECAL (BRAKE) - 080034 (STEARNS & DINGS BRAKE)**

## LINE LEADS




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

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## TYPE "T" W/O PROTECTOR

BRAKE CONNECTION						
VOLTAGE	STEARNS BRAKE			DINGS BRAKE		
	L1	L2	Join	L1	L2	Join
HIGH	1(RED)	2(RED)	3(BLACK) 4(BLACK)	2(BLACK)	4(YELLOW)	1(YELLOW) 3(BLACK)
LOW	1(RED) 3(BLACK)	2(RED) 4(BLACK)	-----	2(BLACK) 3(BLACK)	1(YELLOW) 4(YELLOW)	-----

				TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS		DRAWN JJK 09/17/96		
				DEC	INCHES		GEARMOTORS		CHK		
				.X	±.1		AND DRIVES		APPR		
				.XX	±.01						
--	REDRAWN IN SOLIDWORKS	VJB 02/08/11		.XXX	±.005	TITLE EXTERNAL WIRING DIAGRAM STANDARD 3 PHASE - DUAL VOLTAGE				SCALE 1:1	
01	ADDED DINGS AND BRAKE TABLE (PER CN114156)	TMZ 11/12/96		.XXXX	±.0005	MAT'L W/STEARNS OR DINGS DUAL VOLTAGE BRAKE CONN.				REF 005010-01	
NO	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH LEESON STOCK				FMF	
			RFP		PREV				SIZE	DRAWING NO	REV
			NETWORK FILE NAME		00501015				A	005010-15	--