

PRODUCT INFORMATION PACKET



Model No: 132474.00
Catalog No: 132474.00
2 HP Brake Motor, 3 phase, 1200 RPM, 230/460 V, 184T Frame, TEFC
NEMA Definite Purpose AC Brake Motors



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The Regal logo is located in the bottom right corner. It features the word "REGAL" in a white, bold, sans-serif font, set against a dark grey, trapezoidal background. The background of the entire page on the right side is a blue gradient with a halftone dot pattern.



Nameplate Specifications

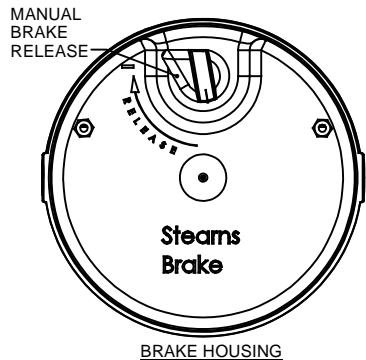
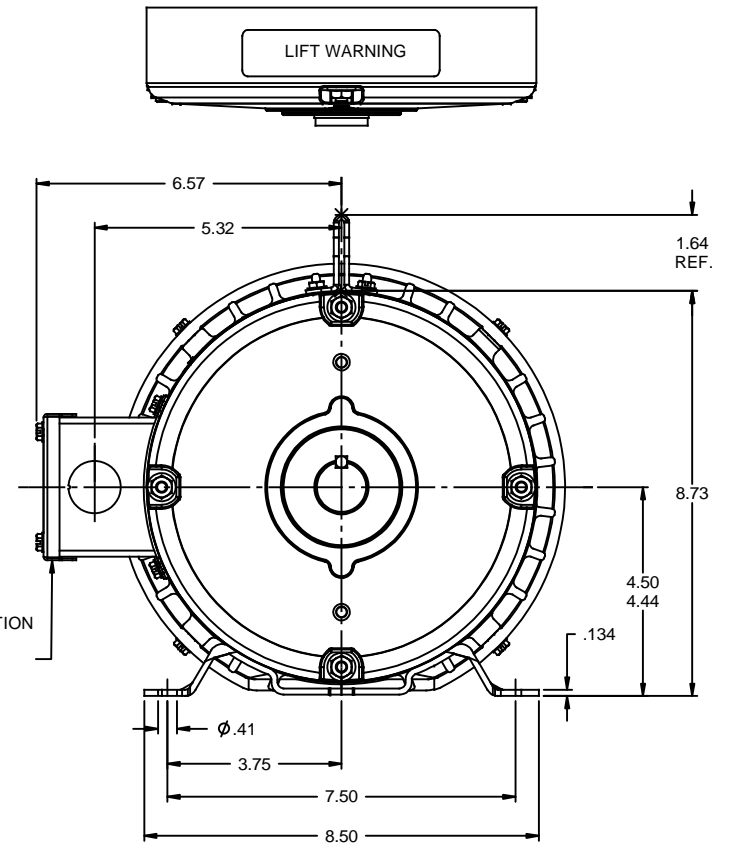
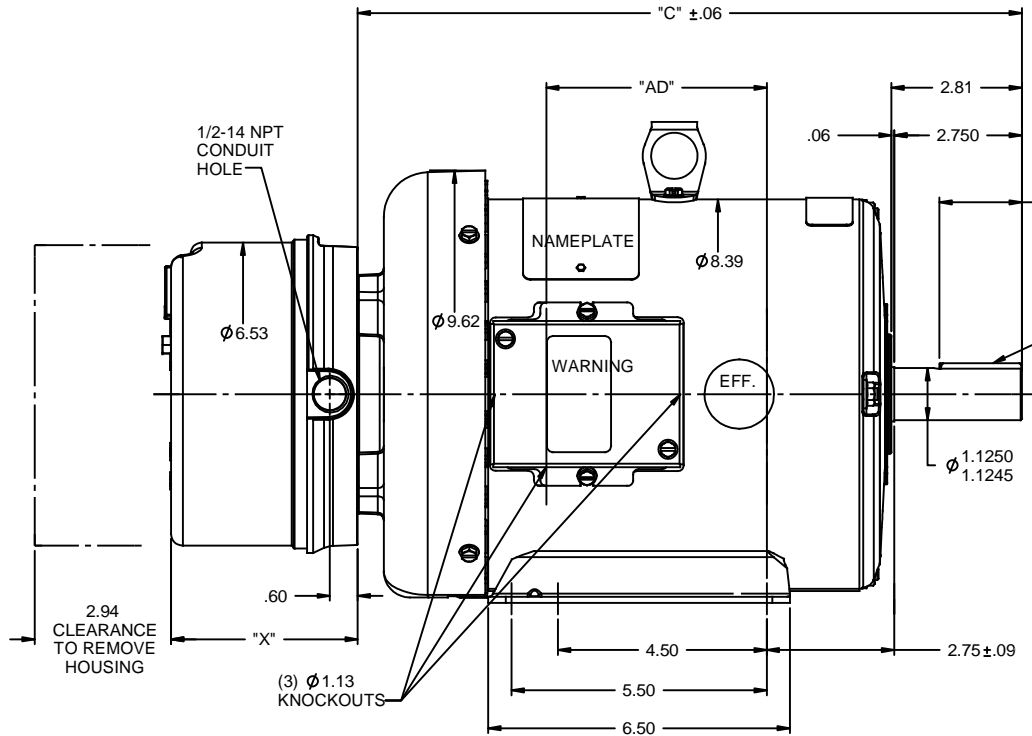
Output HP	2 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	230/460 V
Current	6.4/3.2 A	Speed	1175 rpm
Service Factor	1.15	Phase	3
Efficiency	88.5 %	Power Factor	66.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Frame	184T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient 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	6	Rotation	Reversible
Resistance Main	5.4 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	15.82 in
Frame Length	9.50 in	Shaft Diameter	1.125 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	005010.15	Outline Drawing	035517-950

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

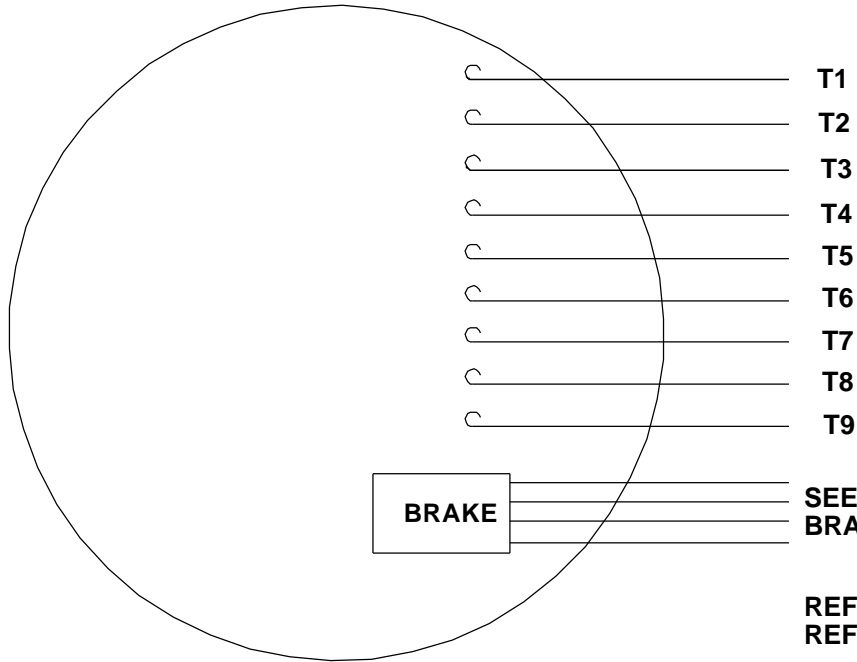
DASH NO.	"C"	"AD"
800	14.32	4.75
850	14.82	5.25
900	15.32	5.75
950	15.82	6.25
1000	16.32	6.75
1050	16.82	7.25
1100	17.32	7.75
1150	17.82	8.25

GASKETS THROUGHOUT
 MINIMUM FRAME LENGTH SHOULD BE 8.00"

REVISION		BY & DATE	CHK ANG ±1/2"	FINISH	PAGE	OF
- REDRAWN ON SOLIDWORKS		LST 11/9/2009	XX XXXX ±.0005	MATL BRAKE MOTOR	FMF	
THIRD ANGLE PROJECTION			RFP	PREV	SIZE	DRAWING NO
			NETWORK FILE NAME		B	035517
TOLERANCES UNLESS SPECIFIED:				DRAWN RDW 4/18/07		
DEC INCHES				CHK		
X ±.1				APPR SW 4/18/07		
.XX ±.03				SCALE 3:8		
.XXX ±.005				REF OL131613		
- REDRAWN ON SOLIDWORKS				TITLE OUTLINE - 180T FRAME		
				TEFC- RIGID		
				REV		



VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.

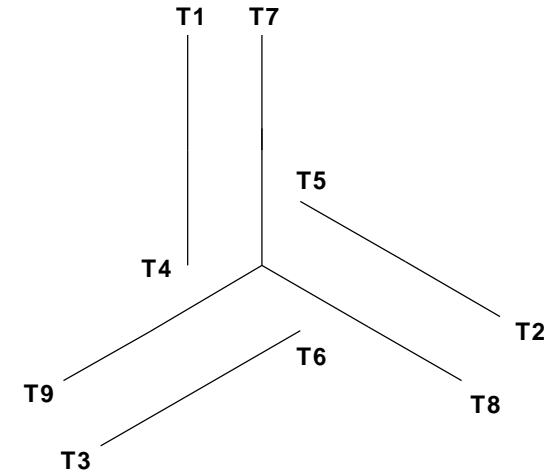


CAUTION:
LEAD WIRE INSULATION TO EXTEND
MINIMUM OF 1/4" INTO CONNECTOR
INSULATION

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

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