

PRODUCT INFORMATION PACKET



Model No: P184C17FC5C

Catalog No: 131603.00

..3HP..1740RPM.184TC.TEFC./230V.1PH.60HZ.CONT.40C.1.15SF.C FACE.P184C17FC5C.....AG - FARM
DUTY/GENERAL PURPOSE.MANUAL.....

Agricultural



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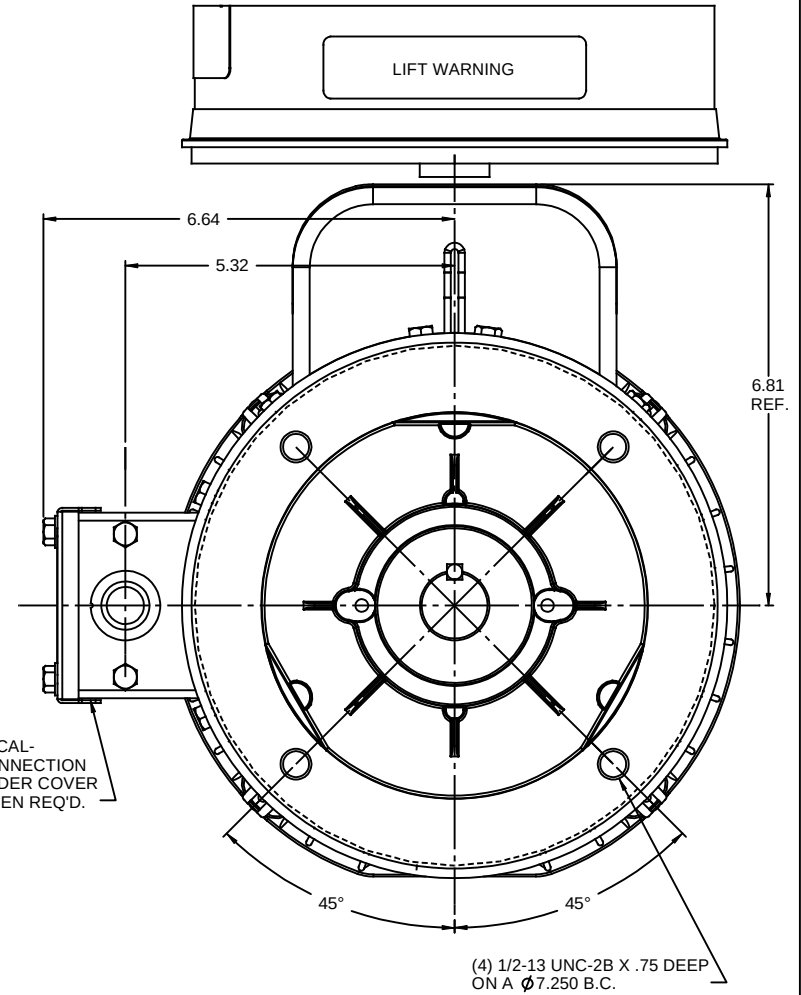
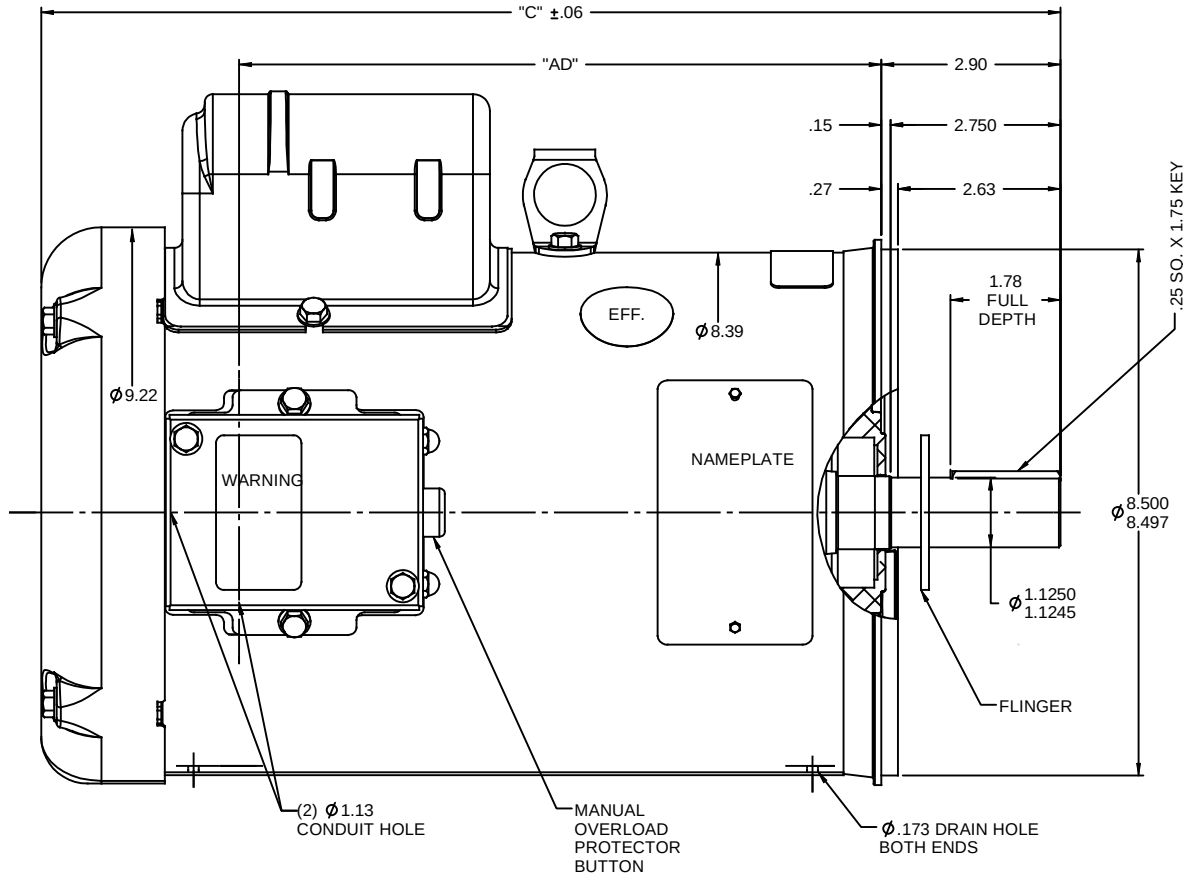


Nameplate Specifications

Output HP	3 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	230 V
Current	19.0 A	Speed	1740 rpm
Service Factor	1.15	Phase	1
Efficiency	75.5 %	Duty	Continuous
Insulation Class	F	Design Code	L
KVA Code	K	Frame	184TC
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	Manual
Ambient Temperature	40 °C	Drive End Bearing Size	6206
Opp Drive End Bearing Size	6205	UL	Recognized
CSA	Y	CE	N
IP Code	43		

Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Mounting	Round	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	16.44 in	Frame Length	11.00 in
Shaft Diameter	1.125 in	Shaft Extension	2.75 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	035379-1100	Connection Diagram	005110.01



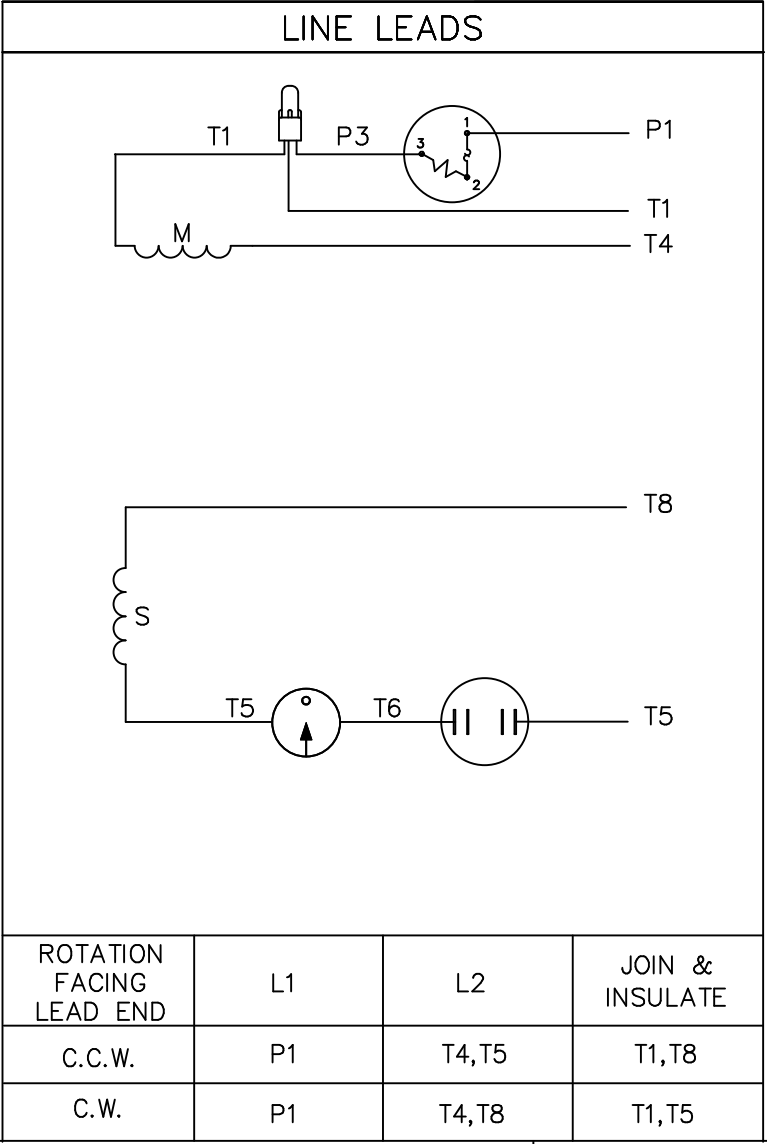
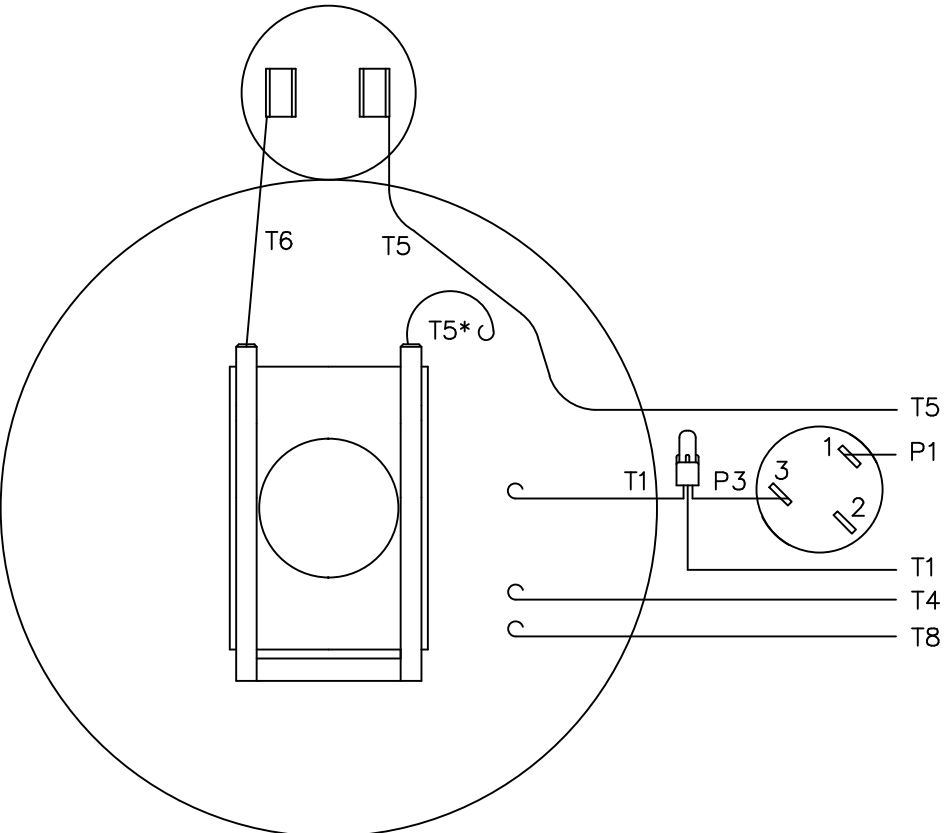
DASH NO.	"C"	"AD"
750	12.94	6.87
800	13.44	7.37
850	13.94	7.87
900	14.44	8.37
950	14.94	8.87
1000	15.44	9.37
1050	15.94	9.87
1100	16.44	10.37
1150	16.94	10.87
1200	17.44	11.37

MOTOR SPECIAL FEATURES
GASKETS THROUGHOUT
DRAIN HOLES IN FRAME (UNPLUGGED)
MANUAL RESET OVERLOAD BUTTON
DOUBLE SEALED BALL BEARINGS
FLINGER

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.

TOLERANCES UNLESS SPECIFIED				DRAWN PG 10/28/97	
DEC	INCHES	CHK RK 10/28/97		APPR	
X	±.1	TITLE OUTLINE - 180TC FRAME		SCALE 1:2	
XX	±.01	TEFC - "C" FACE		REF 035222	
XXX	±.005	MAT'L FARM DUTY MOTOR		FMF	
XXXX	±.0005	PAGE OF		REV	
NO	REVISION	BY & DATE	CHK ANG ±1/2"	FINISH	SIZE OF
			RFP	PREV	DRAWING NO
			NETWORK FILE NAME	B	035379

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



ROTATION FACING LEAD END	L1	L2	JOIN & INSULATE
C.C.W.	P1	T4,T5	T1,T8
C.W.	P1	T4,T8	T1,T5

* THIS LEAD MAY BE WHITE

				TOLERANCES UNLESS SPECIFIED		LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN JRW 10/21/75	
				DEC.	INCHES			CHK	TEM
10	ALTERNATE T5 LEAD MARKING WAS RED	RLW	8/6/02	.X	±.1	TITLE EXTERNAL WIRING DIAGRAM TYPE "C" W/ PROTECTOR		APPD	10/23/75
09	ADDED ALTERNATE T5 LEAD MARKING	RLW	6/5/02	KH	.XX			SCALE	1=1
08	ADDED MISSING "T4" LEAD FROM EB VIEW	DBT	09/22/97	PG	.XXX			REF	005105
07	REDRAWN ON CAD	DBT	06/24/97		.XXXX			FMF	W-C63236-2
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH	MAT'L. DECAL - 004015		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	CAD FILE		00511001	SIZE	DRAWING NO.	
			DIST	NLV			A	005110-01	
									REV. 10

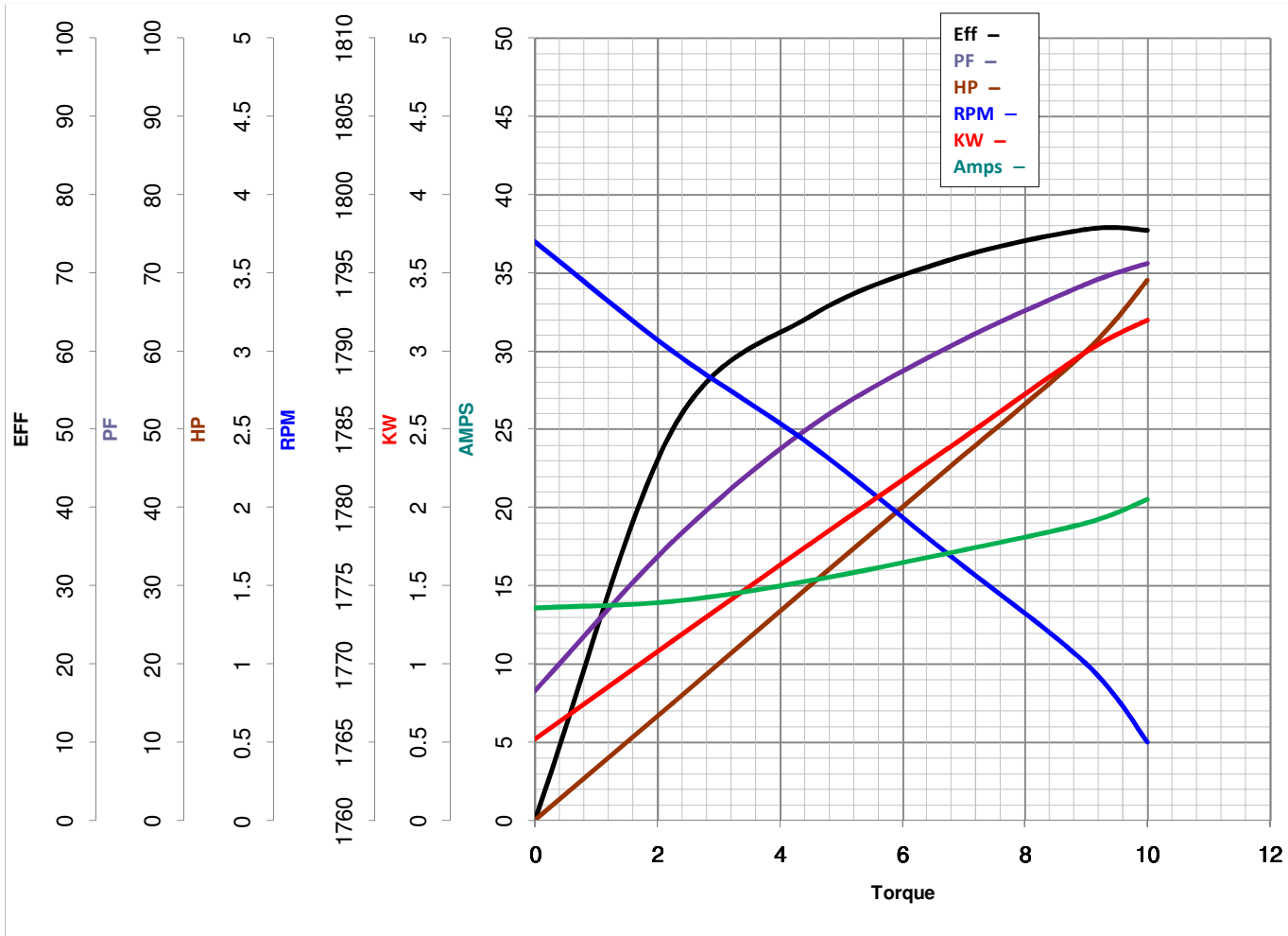


LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 131603.00Catalog No 131603.00

Curve at

230
60
3Volts
HZ
HPHP 3.00VOLTS 230HZ 60PHASE 1RPM 1740

Torque in Lb.Ft

FL TORQUE 9 Lb.Ft
 BD TORQUE 27.9 Lb.Ft
 LR TORQUE 37.45 Lb.Ft

FL AMPS 19
 PU TORQUE 23.5 Lb.Ft
 LR AMPS 136

WINDING C8429-2

Date 3/26/2018