

PRODUCT INFORMATION PACKET



Model No: C184K17FB15C

Catalog No: 131538.00

..5HP..1740RPM.184T.TEFC./230V.1PH.60HZ.CONT.40C.1.0SF.RIGID.C184K17FB15C.....GENERAL
PURPOSE.NOT.....

Totally Enclosed Fan Cooled (TEFC)



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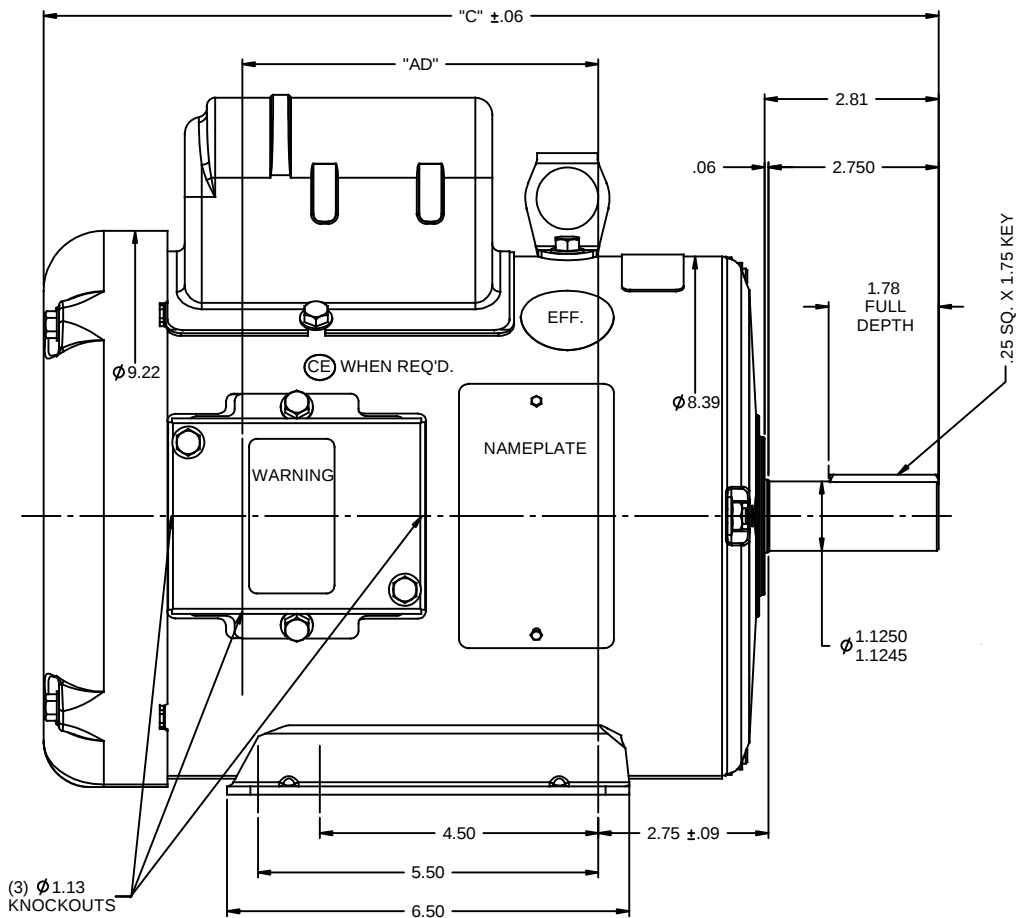


Nameplate Specifications

Output HP	5 Hp	Output KW	3.7 kW
Frequency	60 Hz	Voltage	230 V
Current	23.0 A	Speed	1740 rpm
Service Factor	1	Phase	1
Efficiency	81 %	Duty	Continuous
Insulation Class	F	Design Code	L
KVA Code	H	Frame	184T
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	N
IP Code	43		

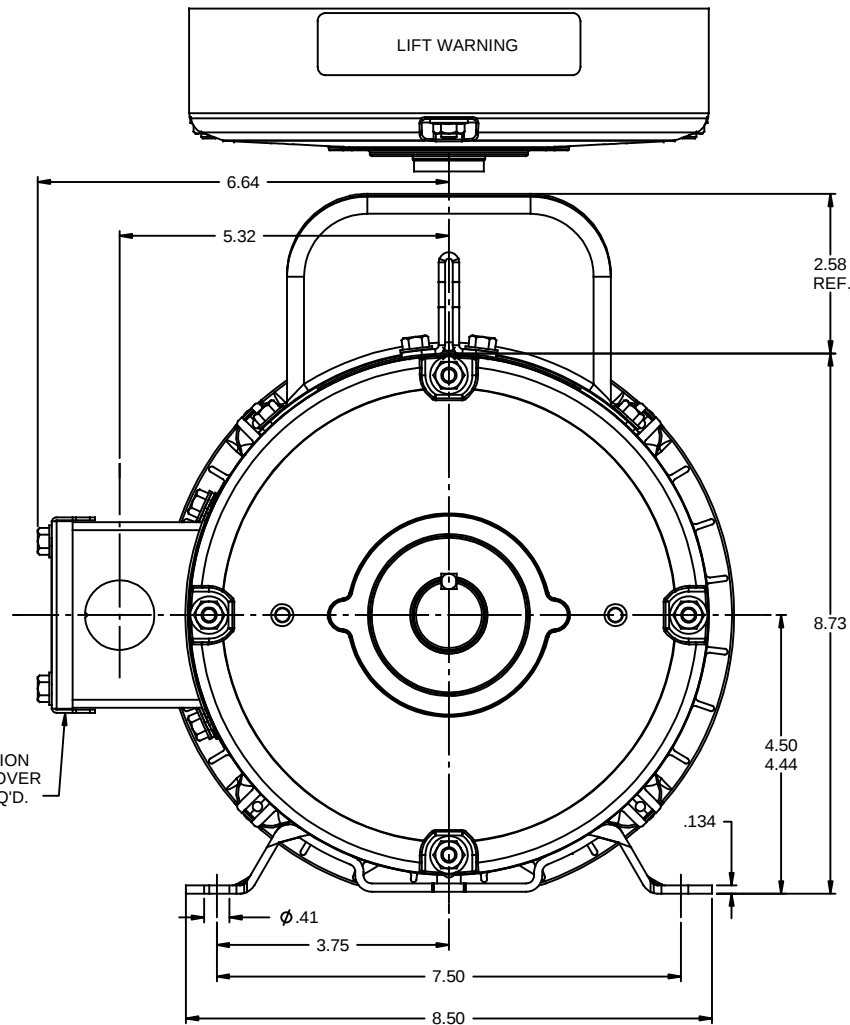
Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	17.46 in	Frame Length	12.00 in
Shaft Diameter	1.125 in	Shaft Extension	2.75 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	035352-1200	Connection Diagram	005018.01



DASH NO.	"C"	"AD"
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
1200	17.46	8.75

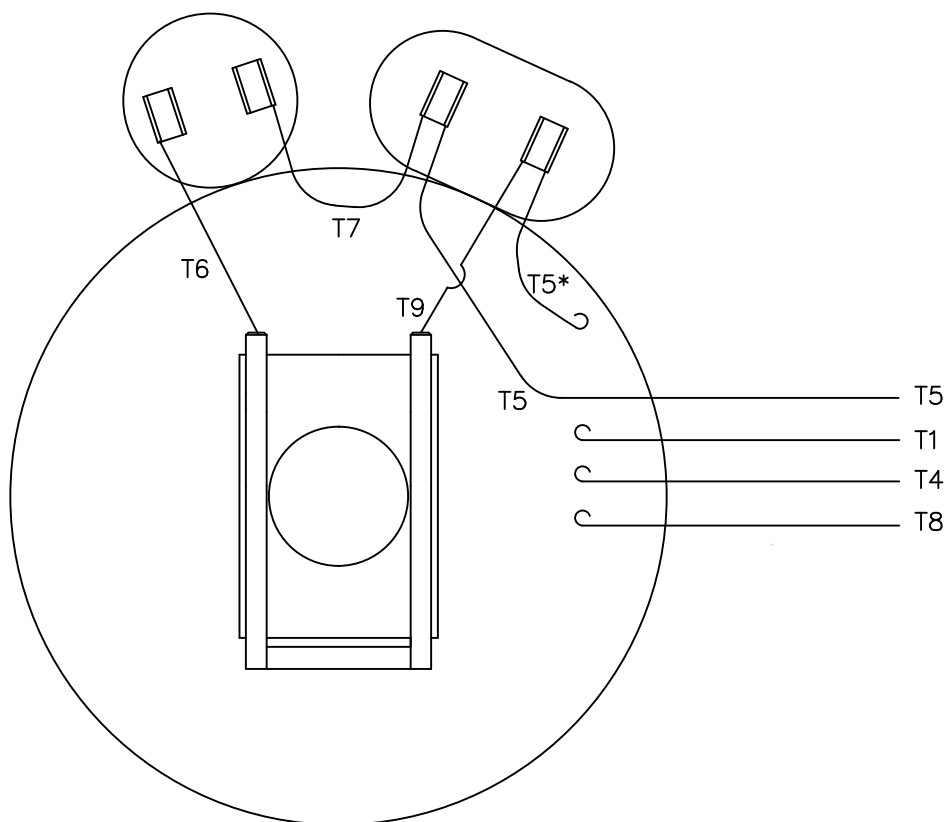
DECAL-
CONNECTION
UNDER COVER
WHEN REQ'D.



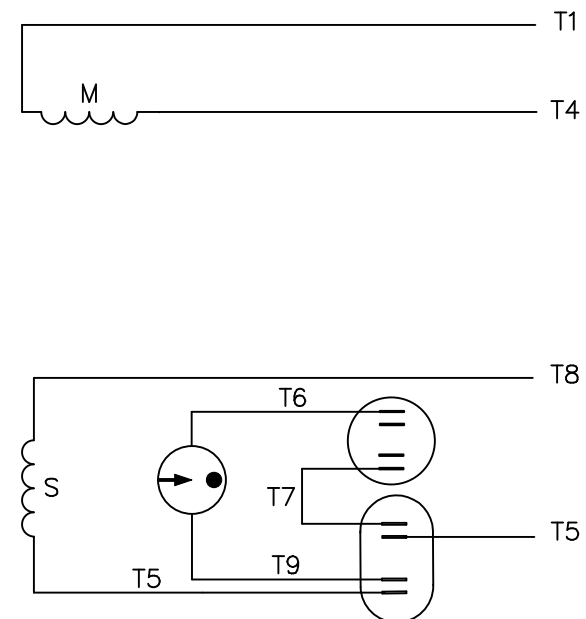
GASKETS THROUGHOUT

TOLERANCES UNLESS SPECIFIED				DRAWN PG 6/20/97			
DEC	INCHES			CHK	RK 6/20/97		
X	±.1			APPR			
XX	±.03			SCALE	1:2		
XXX	±.005			REF			
XXXX	±.0005			FMF			
- UPDATED & REDRAWN TO SOLIDWORKS				LST 12/15/2009 XX XXXX ±.0005			
REVISION				BY & DATE			
THIRD ANGLE PROJECTION				CHK ANG ±1/2°			
RFP				FINISH			
NETWORK FILE NAME				PREV			
SIZE				DRAWING NO			
B				035352			
REV				-			

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



* THIS LEAD MAY BE WHITE

ROTATION
FACING
LEAD END

L1

L2

C.C.W.

T1,T8

T4,T5

C.W.

T1,T5

T4,T8

TOLERANCES
UNLESS SPECIFIED

DEC. INCHES

.X ±.1

.XX ±.01

.XXX ±.005

.XXXX ±.0005

ANG ±1/2"

ELECTRIC MOTORS
GEARMOTORS
AND DRIVES

DRAWN ADH 02/19/74

CHK WRK 02/20/74

APPD JCW 02/20/74

SCALE 1=1

REF

FMF

PREV

20 ALTERNATE T5 LEAD MARKING WAS RED

RLW 7/22/02 KH

.XX ±.01

19 ADDED ALTERNATE T5 LEAD MARKING

RLW 5/31/02 KH

.XXX ±.005

18 REDRAWN ON CAD

DBT 06/24/97

.XXXX ±.0005

NO. REVISION

BY & DATE

CHK

ANG ±1/2"

TITLE
EXTERNAL WIRING DIAGRAM
TYPE "K" W/O PROTECTOR

MAT'L. DECAL - 004018

FINISH

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RFP

CAD FILE 00501801

SIZE

A

DRAWING NO.

005018-01

REV.

20

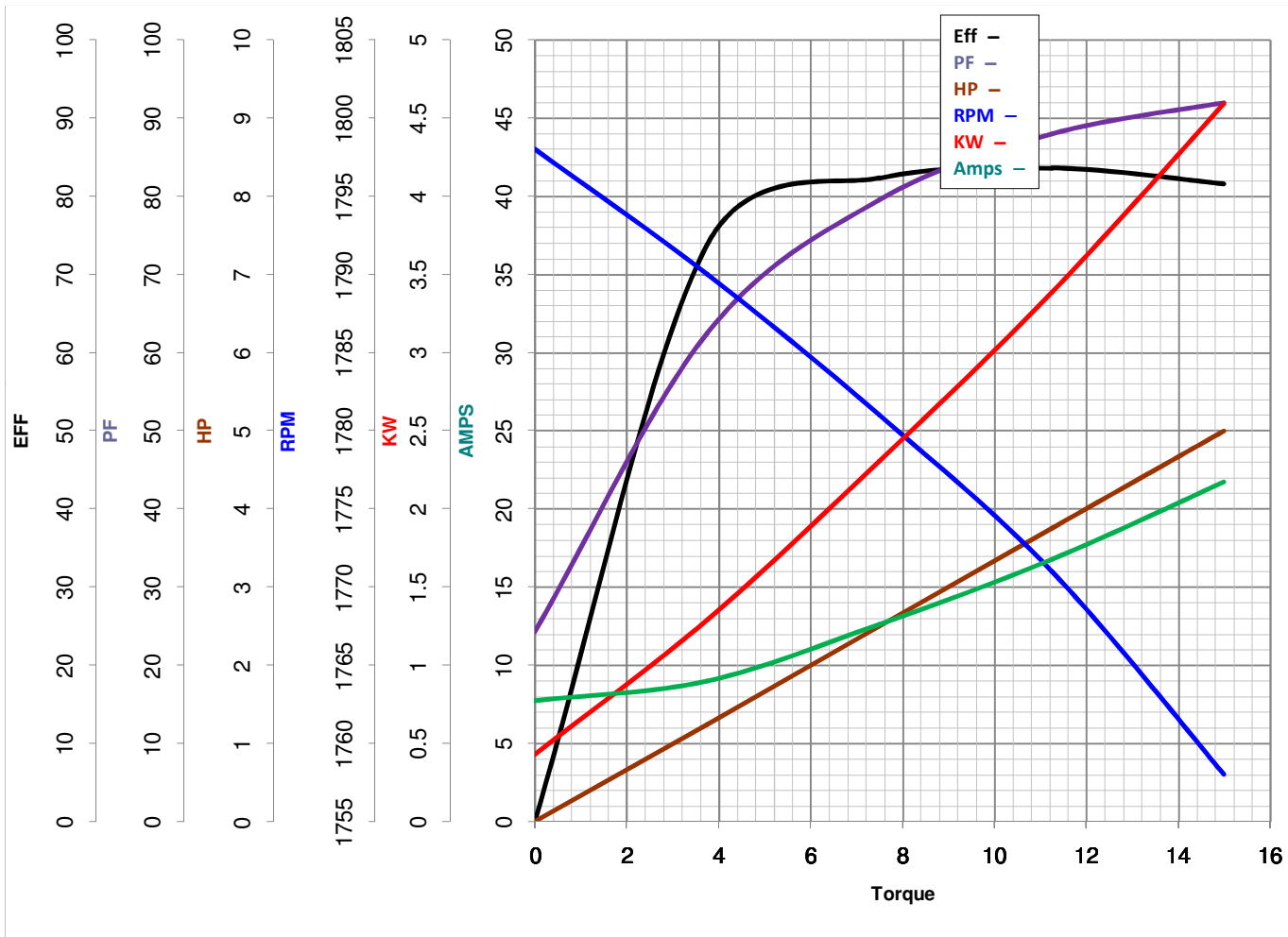


LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 131538.00Catalog No 131538.00

Curve at

230
60
5Volts
HZ
HPHP 5.00VOLTS 230HZ 60PHASE 1RPM 1740

Torque in Lb.Ft

FL TORQUE 15 Lb.Ft
 BD TORQUE 35.3 Lb.Ft
 LR TORQUE 46.5 Lb.Ft

FL AMPS 23
 PU TORQUE 30.5 Lb.Ft
 LR AMPS 149

WINDING K843-2

Date 3/26/2018