

PRODUCT INFORMATION PACKET



Model No: P184C14FB7C

Catalog No: 131601.00

..3HP..1440RPM.184T.IP54./220V.1PH.50HZ.CONT.40C.1.0SF.RIGID.P184C14FB7C.....50
HERTZ.MANUAL....2.2kW...
50 Hz



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Nameplate Specifications

Output HP	3 Hp	Output KW	2.2 kW
Frequency	50 Hz	Voltage	220 V
Current	15.9 A	Speed	1440 rpm
Service Factor	1	Phase	1
Efficiency	75.5 %	Duty	Continuous
Insulation Class	F	Design Code	NO DESIGN CODE
KVA Code	J	Frame	184T
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	Manual
Ambient Temperature	40 °C	Drive End Bearing Size	6206
Opp Drive End Bearing Size	6205	UL	No
CSA	N	CE	Y
IP Code	54		

Technical Specifications

Electrical Type	Capacitor Start Induction 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	16.96 in	Frame Length	11.50 in
Shaft Diameter	1.125 in	Shaft Extension	2.75 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	035482-1150	Connection Diagram	005410.01

4

3

Uncontrolled Copy

2

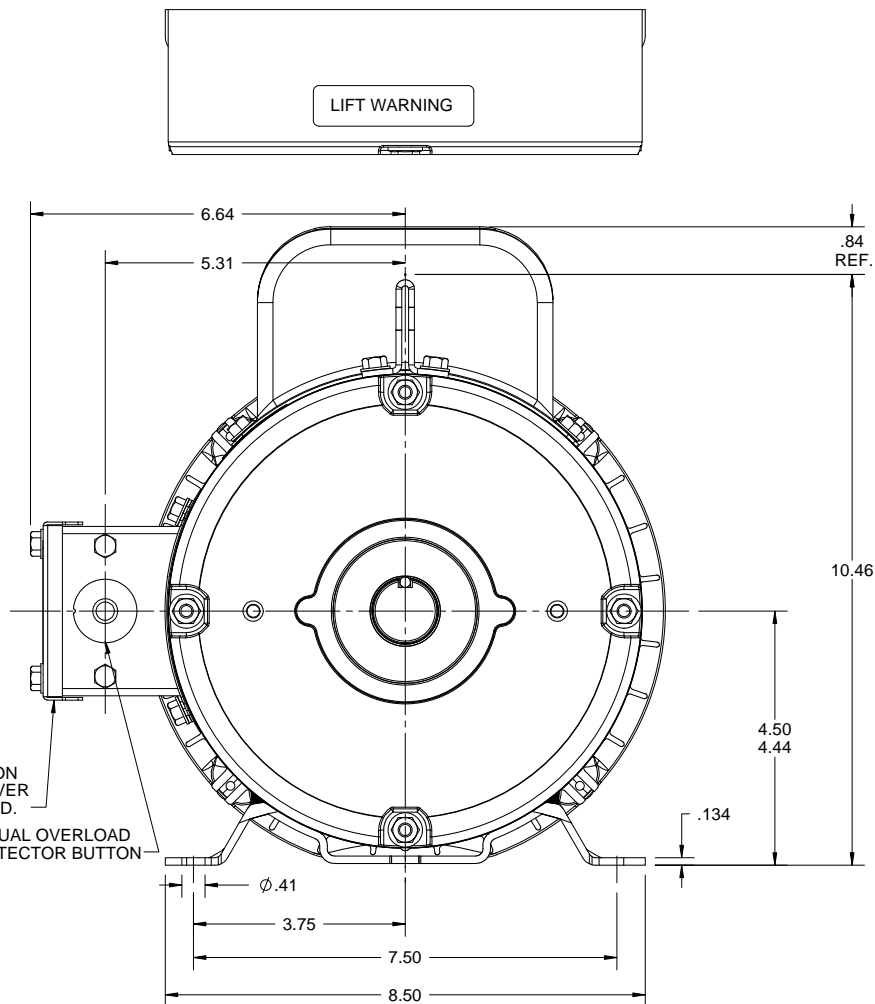
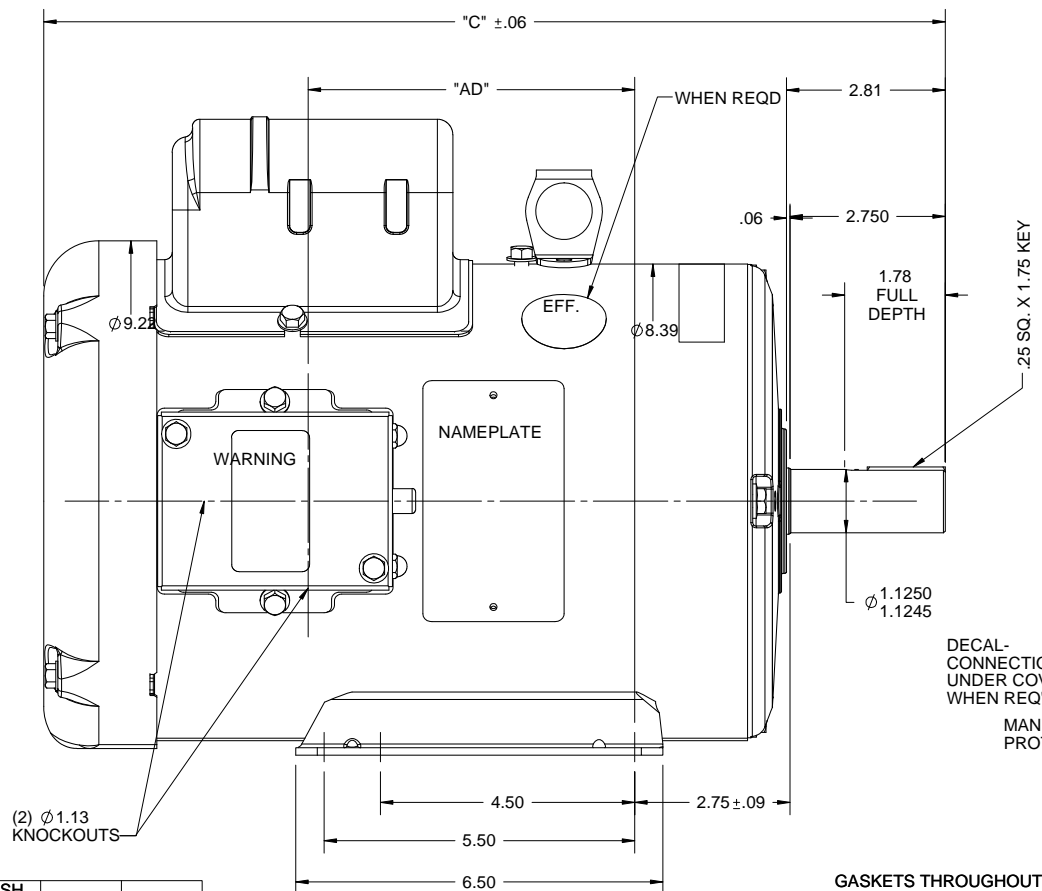
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B

B

A

A



DASH NO.	"C"	"AD"
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
1250	17.96	9.25

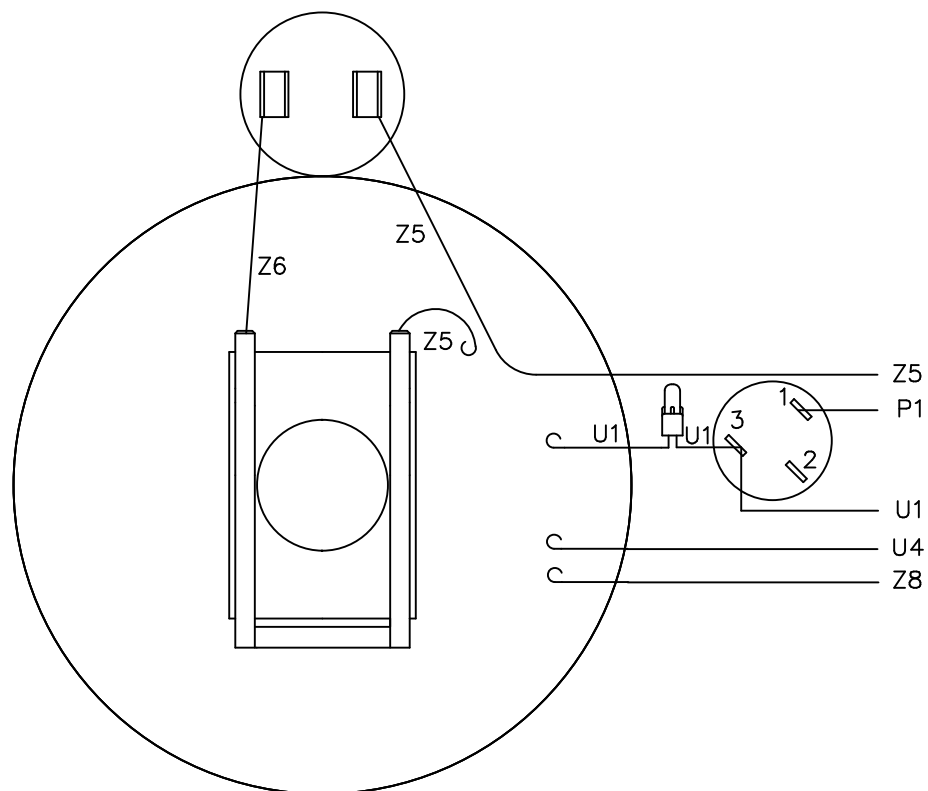
DRAWING REVISION	REVISION BY	DATE
ECO	MVG	06/15/2017
ECO-0125433	JD	06/15/2017
ECO DESCRIPTION		
ADDED ITEM # 1200 & 1250		
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TOLERANCES UNLESS OTHERWISE SPECIFIED:			
DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.01	[±0.25]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	
REMOVE BURRS & BREAK SHARP			
EDGES: .003/.015 [.076/.381] X 45°			
CORNER FILLETS: R.02 [.51]			
MACHINED SURFACES: 125/3.2			
mm SHOWN IN [BRACKETS]			

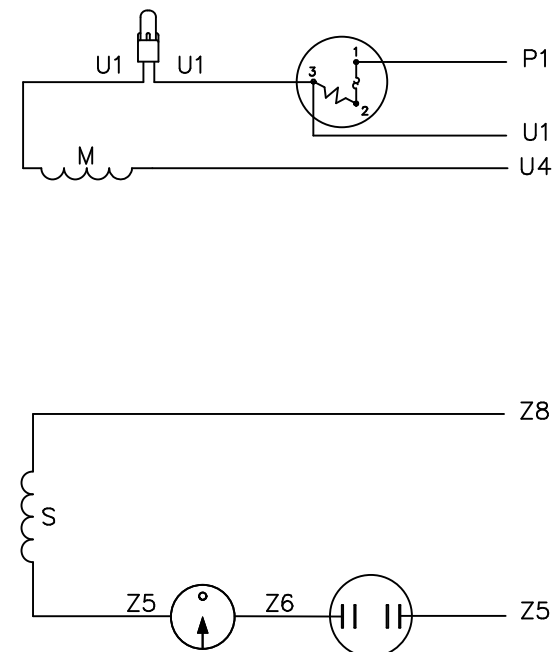
DRAWN BY	LST
DATE	12/8/03
APPROVED BY	KH
DATE	12/10/03
REFERENCE	PRO30439
THIRD ANGLE PROJECTION	

Regal Beloit America, Inc.	
DESCRIPTION	
OUTLINE TEFC - RIGID MOUNT	
MATERIAL	PROCESS/FINISH
GENERAL PURPOSE	
SIZE	DRAWING NUMBER
B	035482
SHEET	
1 OF 1	

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



ROTATION FACING LEAD END	L1	L2	JOIN & INSULATE
C.C.W.	P1	U4,Z5	U1,Z8
C.W.	P1	U4,Z8	U1,Z5

TOLERANCES UNLESS
OTHERWISE SPECIFIED

DECIMALS

.00 ± .01

.000 ± .005

.0000 ± .0005

FRACTIONS ± 1/64

ANGLES ± 1/2°

INCH/MM

LEESON ELECTRIC CORPORATION

DRAWN DBT 06/05/97

CH'K'D. KH 06/05/97

APPR. KMM 06/10/97

SCALE 1=1

REF. 5403-01

FMF 115100

TITLE
EXTERNAL WIRING DIAGRAM
TYPE "C" W/PROTECTOR

MAT'L. DECAL - 080682

FINISH LEESON

CANADA

SIZE A

DRAWING NO.

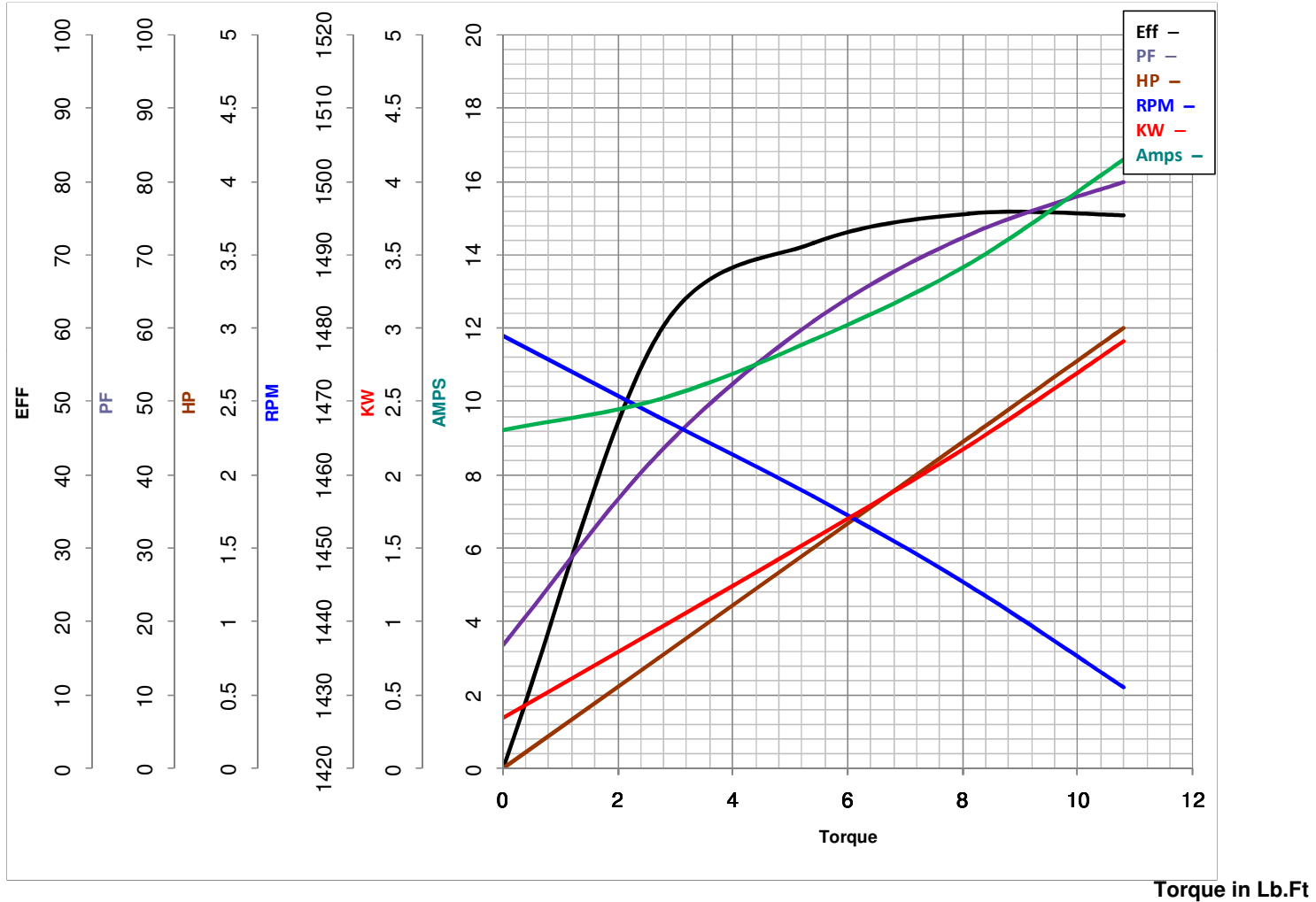
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LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 131601.00Curve at 220
50
3Volts
HZ
HPHP 3.00VOLTS 220PHASE 1Catalog No 131601.00HZ 50RPM 1440

FL TORQUE 10.8 Lb.Ft
 BD TORQUE 23.9 Lb.Ft
 LR TORQUE 30 Lb.Ft

FL AMPS 15.9
 PU TORQUE 20.4 Lb.Ft
 LR AMPS 101

WINDING C8415-4

Date 4/12/2018