

# PRODUCT INFORMATION PACKET



Model No: P6C34FC13K

Catalog No: 110421.00

2HP..3450RPM.56.TEFC.115/208-230V.1PH.60HZ.CONT.MANUAL.40C.1.0SF.ROUND.GENERAL  
PURPOSE.P6C34FC13K

Totally Enclosed Fan Cooled (TEFC)



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## Nameplate Specifications

Output HP	2 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	20.0/11.4-10.0 A	Speed	3450 rpm
Service Factor	1	Phase	1
Efficiency	73 %	Duty	Continuous
Insulation Class	F	Design Code	L
KVA Code	J	Frame	56C
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	Manual
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	N
IP Code	43		

## Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Selective Counterclockwise
Mounting	Round	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	NEMA 56
Overall Length	13.49 in	Frame Length	8.00 in
Shaft Diameter	0.625 in	Shaft Extension	2.06 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	029085-800B	Connection Diagram	005067.02

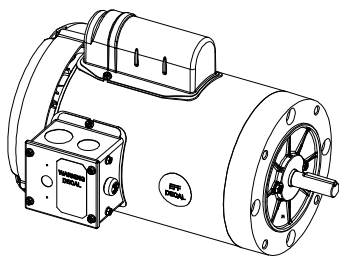
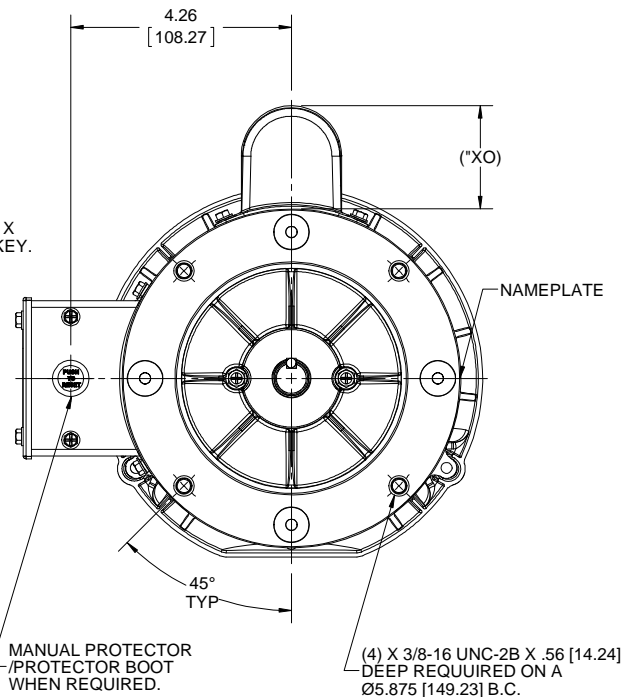
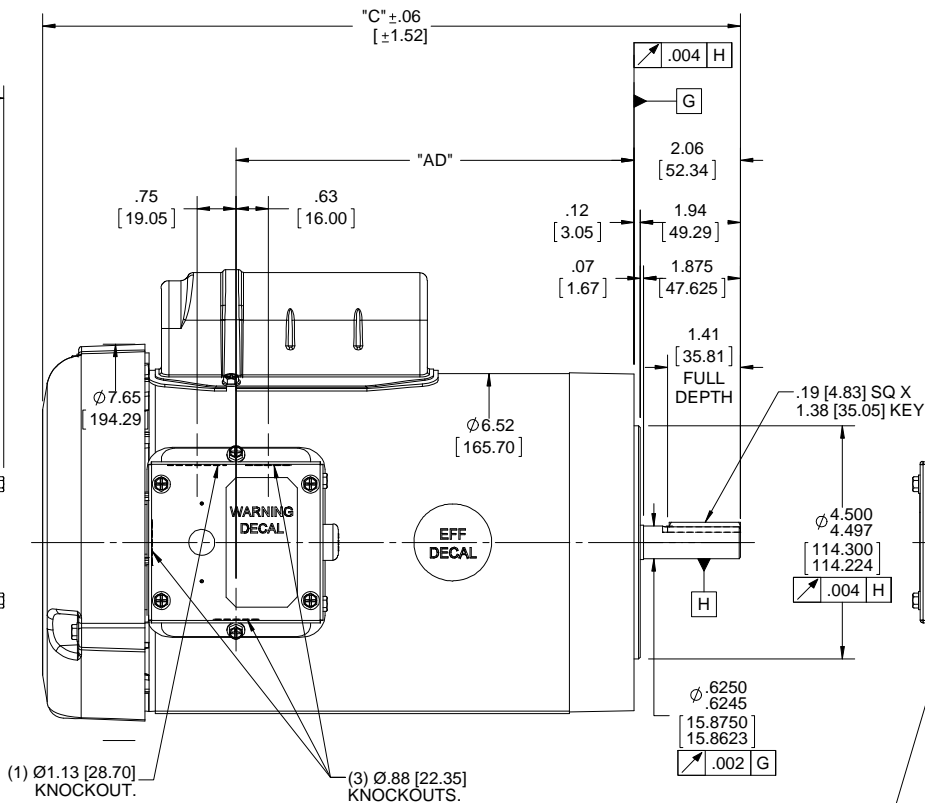
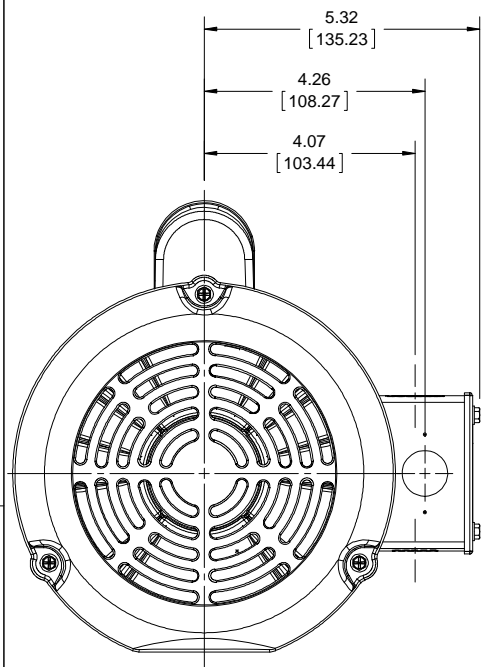
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3

Uncontrolled Copy

2

1



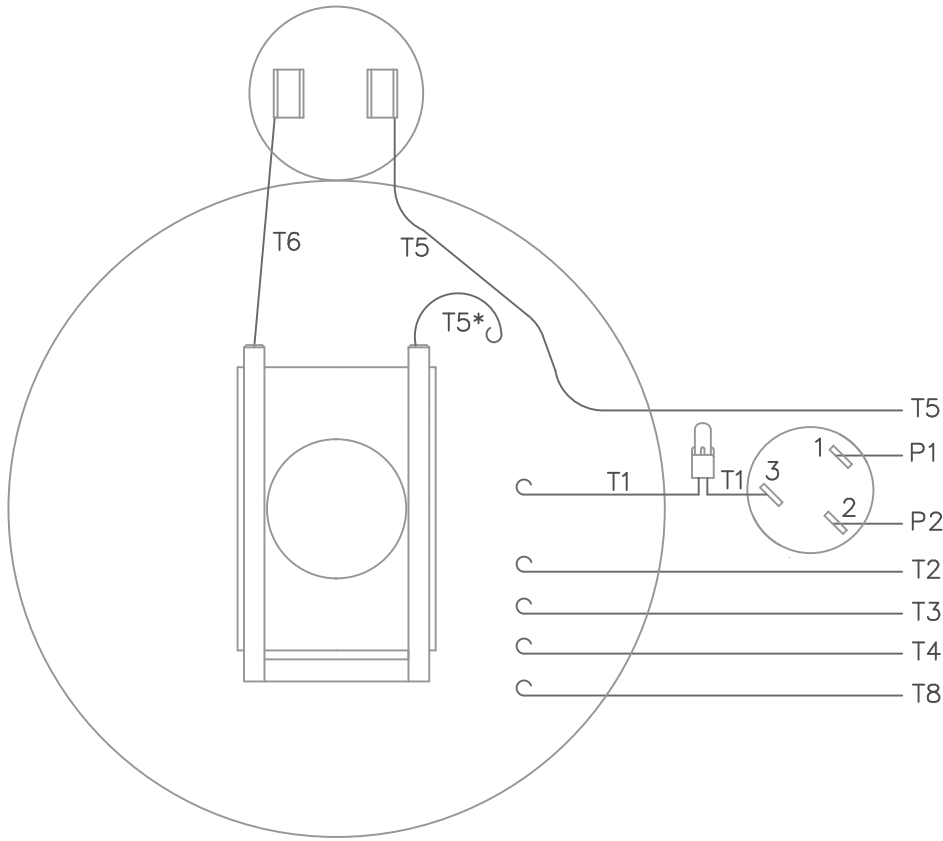
NOTE:-  
1) GASKET THROUGHOUT.

DRAWING REVISION	REVISION BY	DATE
ECO ECO-0136357	APPROVED BY	DATE
ECO DESCRIPTION OUTLINE CONVERSION PROJECT		
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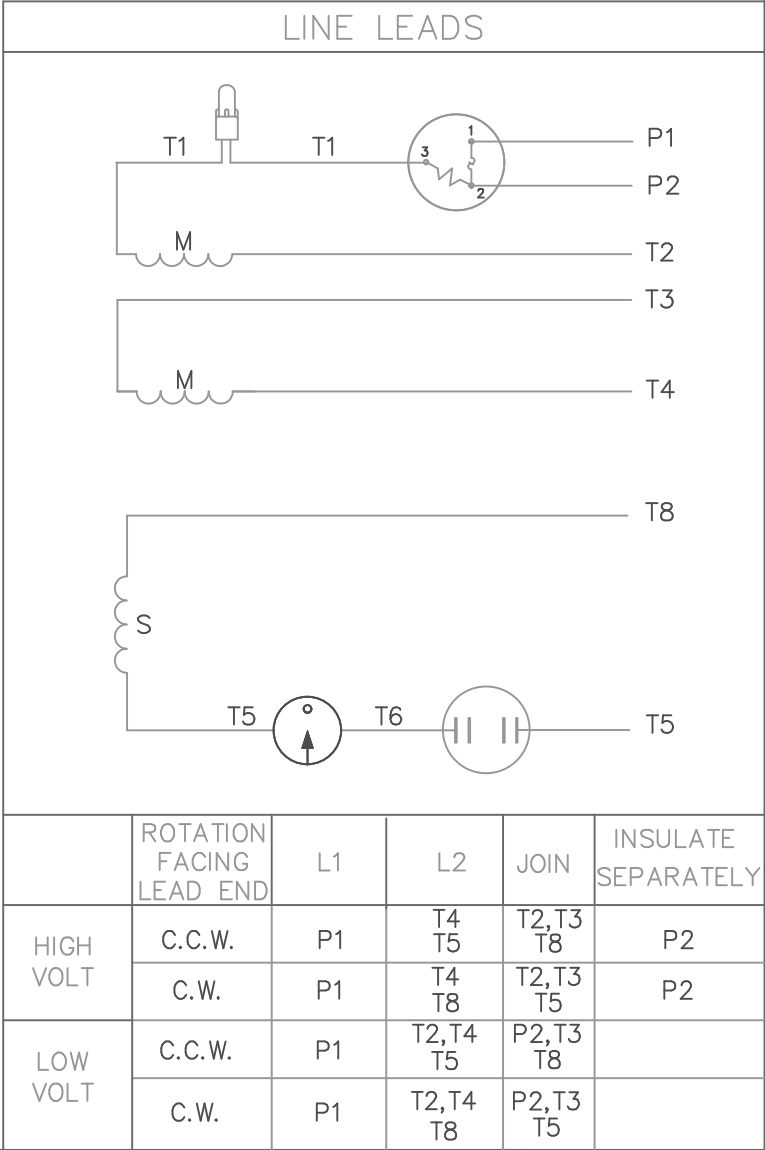
TOLERANCES UNLESS OTHERWISE SPECIFIED:			
DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.01	[±0.25]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	
REMOVE BURRS & BREAK SHARP			
EDGES: .003/.015 [0.076/.381] X 45°			
CORNER FILLETS: R.02 [51]			
MACHINED SURFACES: 125/3.2			
mm SHOWN IN [BRACKETS]			


DASH NO.	"C"	"AD"	CAP DASH	"XO"
800	13.49 [342.65]	7.69 [195.33]	B	2.00 [50.80]
DRAWN BY A SUPPANNAR				
DATE 01/17/2018				
APPROVED BY PK				
DATE 05/23/2018				
REFERENCE 028831				
THIRD ANGLE PROJECTION				
MATERIAL 56C FRAME-TEFC-"C" FACE				
PROCESS/FINISH				
SIZE B				
DRAWING NUMBER 029085				
SHEET 1 OF 1				

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



\* THIS LEAD MAY BE WHITE



				TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN WLW 09/01/76	
				DEC.	INCHES				CHK	
05	ALTERNATE T5 LEAD MARKING WAS RED	RLW	8/6/02	.X	±.1	TITLE	EXT. WIRING DIAGRAM TYPE "C" W/ PROTECTOR		APPD	
04	ADDED ALTERNATE T5 LEAD MARKING	RLW	5/31/02	KH	.XX				SCALE 1=1	
03	DECAL WAS 004015	DBT	12/23/97		.XXX				REF	
02	REDRAWN ON CAD	DBT	05/29/97		.XXXX				FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH	MAT'L. DECAL - 004011		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 00506702		SIZE	DRAWING NO.		REV.
				DIST NLV			A	005067-02		05

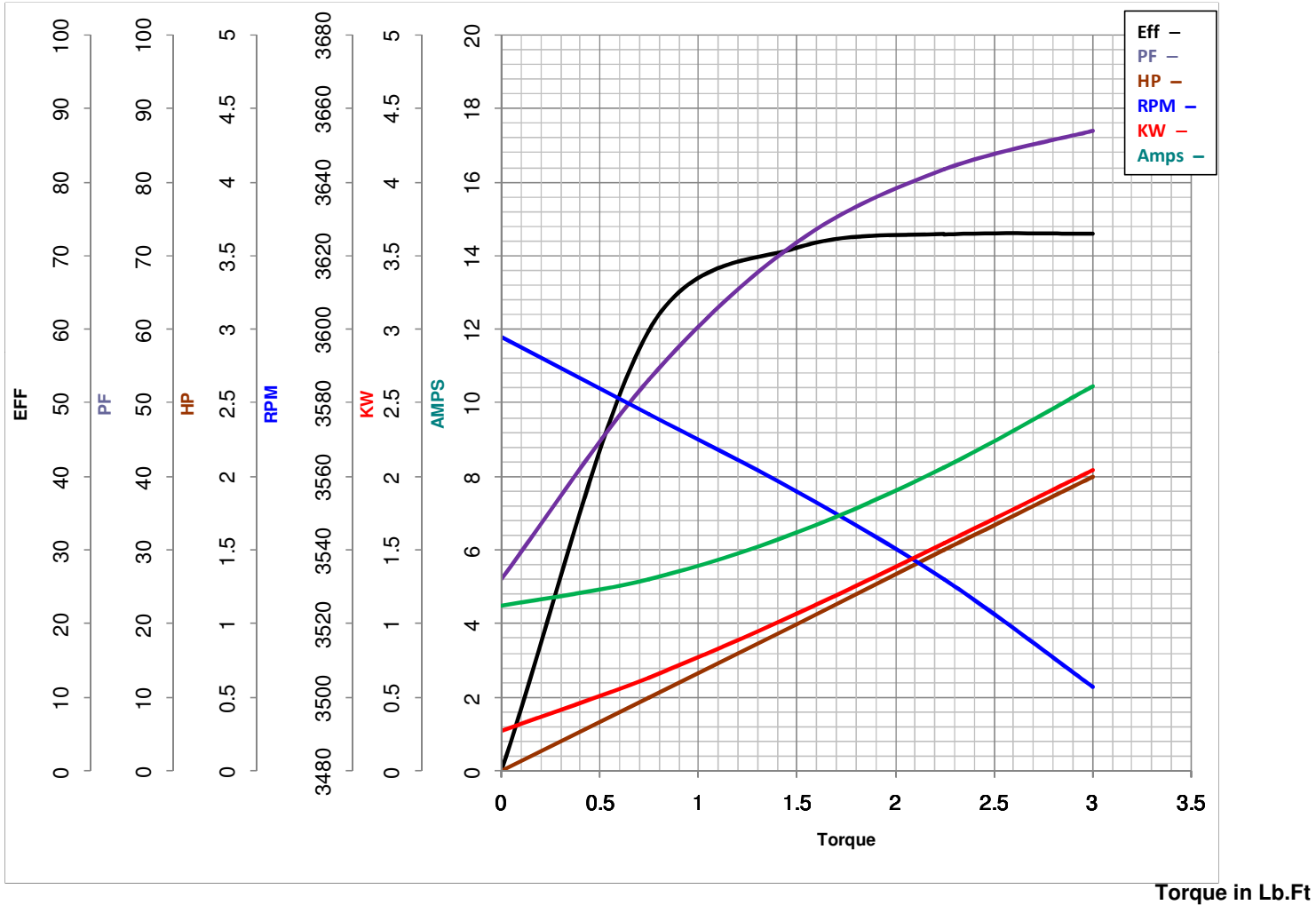


# LEESON ELECTRIC CORPORATION

## TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 110421.00Catalog No 110421.00

Curve at

230  
60  
2Volts  
HZ  
HPHP 2.00PHASE 1VOLTS 115/208-230HZ 60RPM 3450

FL TORQUE 3 Lb.Ft  
 BD TORQUE 7.8 Lb.Ft  
 LR TORQUE 7.5 Lb.Ft

FL AMPS 20/11.4-10  
 PU TORQUE 7.0 Lb.Ft  
 LR AMPS 64.4

WINDING C632213-3

Date 4/12/2018