

PRODUCT INFORMATION PACKET



Model No: P145K34FK4E

Catalog No: 121060.00

3HP..3450RPM.145.TEFC./230V.1PH.60HZ.CONT.MANUAL.40C.1SF.RIGID C.GENERAL
PURPOSE.P145K34FK4E

Totally Enclosed Fan Cooled (TEFC)



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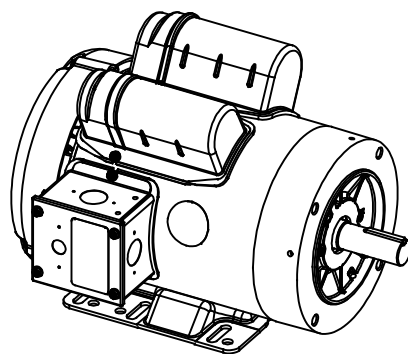
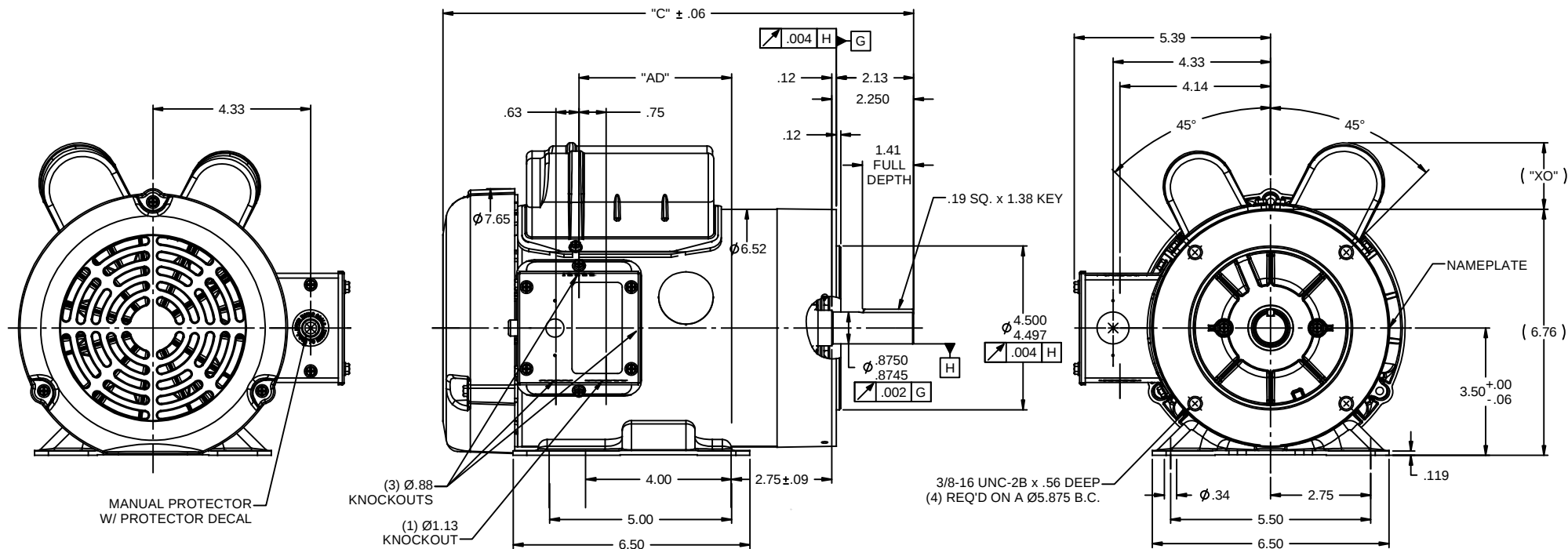


Nameplate Specifications

Output HP	3 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	230 V
Current	13.0 A	Speed	3450 rpm
Service Factor	1	Phase	1
Efficiency	81.5 %	Duty	Continuous
Insulation Class	F	Design Code	L
KVA Code	J	Frame	145TC
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	Manual
Ambient Temperature	40 °C	Drive End Bearing Size	6205
Opp Drive End Bearing Size	6203	UL	Recognized (Not Protector)
CSA	N	CE	N
IP Code	54		

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	2	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	14.43 in	Frame Length	8.50 in
Shaft Diameter	0.875 in	Shaft Extension	2.25 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	028804-850C	Connection Diagram	005056.03

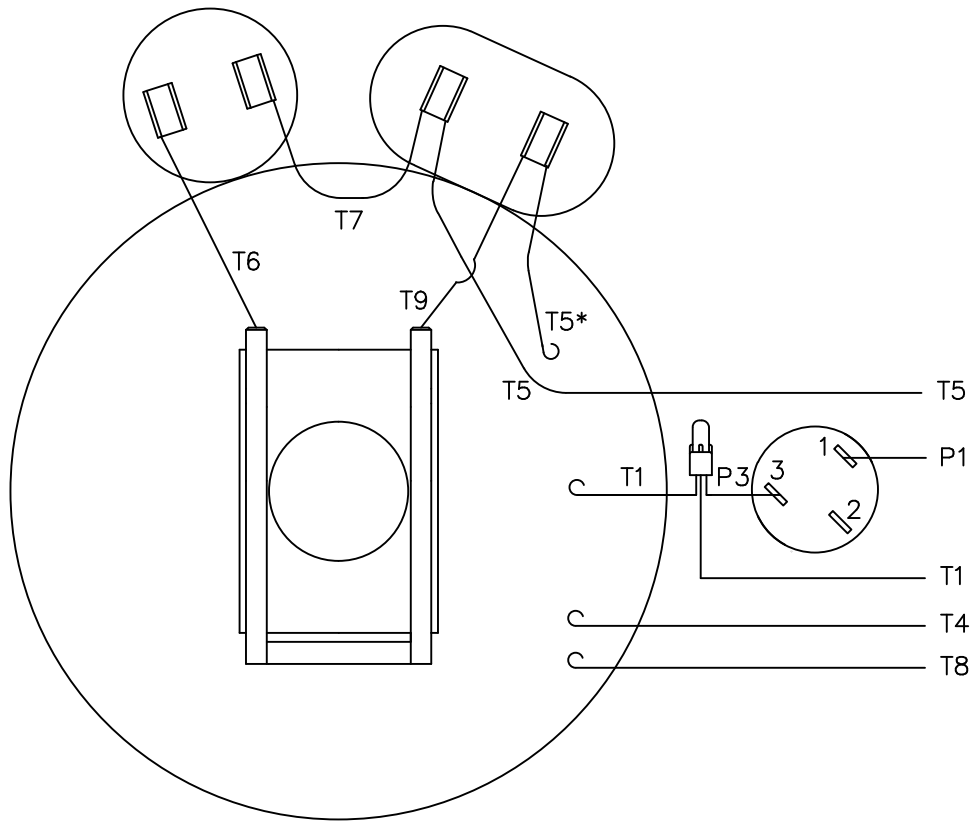


DASH NO.	"C"	"AD"	CAP DASH	"XO"
700	12.93	4.19	A	1.15
750	13.43	4.69	B	1.60
800	13.93	5.19	C	1.82
850	14.43	5.69		

NOTE:
1) GASKETS THROUGHOUT

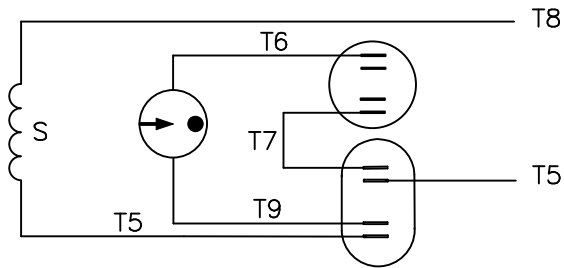
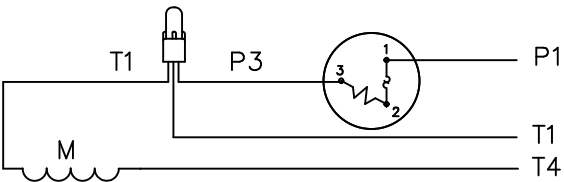
				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN KMM 10/11/07	
				DEC INCHES				CHK	
				X ±.1		TITLE OUTLINE - 140TC FRAME TEFC - RIGID "C" FACE		APPR	
				XX ±.03				SCALE 3/8	
				XXX ±.005				REF 028590	
				XXXX ±.0005		MATL		FMF 121060.00	
NO		REVISION		BY & DATE		CHK ANG ±1/2°		FINISH	
THIRD ANGLE PROJECTION 				RFP		PREV		SIZE B DRAWING NO 028804	
				NETWORK FILE NAME				REV	

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



* THIS LEAD MAY BE WHITE

LINE LEADS



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

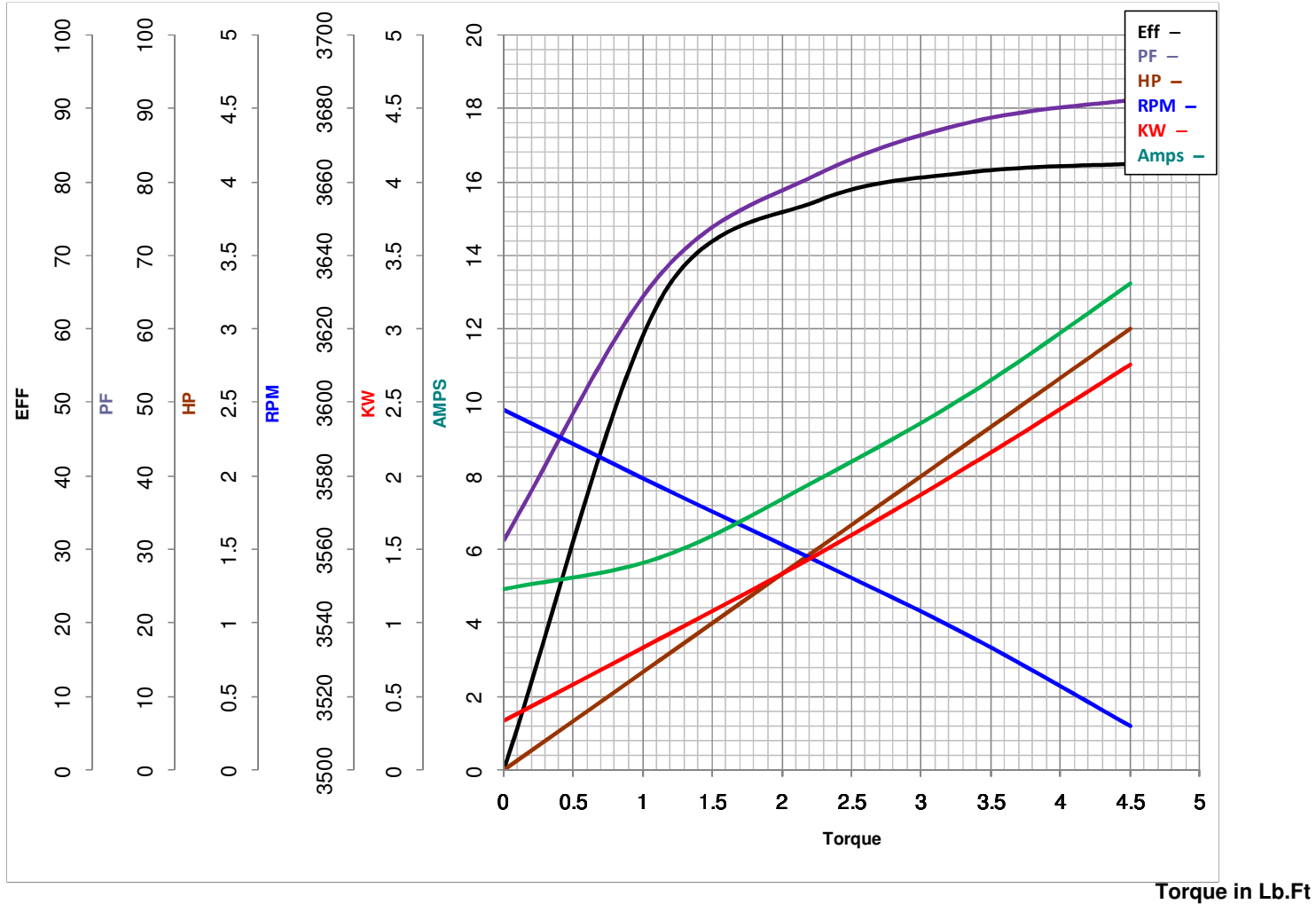
				TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN WLW 08/30/76		
				DEC.	INCHES				CHK WRK 09/24/76		
				.X	±.1				APPD		
08	ALTERNATE T5 LEAD MARKING WAS RED	RLW 8/6/02		.XX	±.01	TITLE EXTERNAL WIRING DIAGRAM TYPE "K" W/ PROTECTOR			SCALE 1=1		
07	ADDED ALTERNATE T5 LEAD MARKING	RLW 5/31/02	KH	.XXX	±.005				REF		
06	REDRAWN TO CAD	DBT 5/31/02		.XXXX	±.0005	MAT'L. DECAL – 004015			FMF 6K17FB4		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH			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 00505603			SIZE	DRAWING NO.		REV.
			DIST BRF–NLV					A	005056–03		08



LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 121060.00Catalog No 121060.00Curve at 230
60
3Volts
HZ
HPHP 3.00

VOLTS 230PHASE 1HZ 60RPM 3450

FL TORQUE 4.5 Lb.Ft
 BD TORQUE 13.5 Lb.Ft
 LR TORQUE 12.5 Lb.Ft

FL AMPS 13
 PU TORQUE 12.0 Lb.Ft
 LR AMPS 100

WINDING K632129-2

Date 4/12/2018