

PRODUCT INFORMATION PACKET



Model No: C145K17DK8E

Catalog No: 120994.00

..1 1/2HP..1740RPM.145.DP.115/208-230V.1PH.60HZ.CONT.40C.1.15SF.RIGID C.C145K17DK8E.....JM
PUMP.NOT.....

JM



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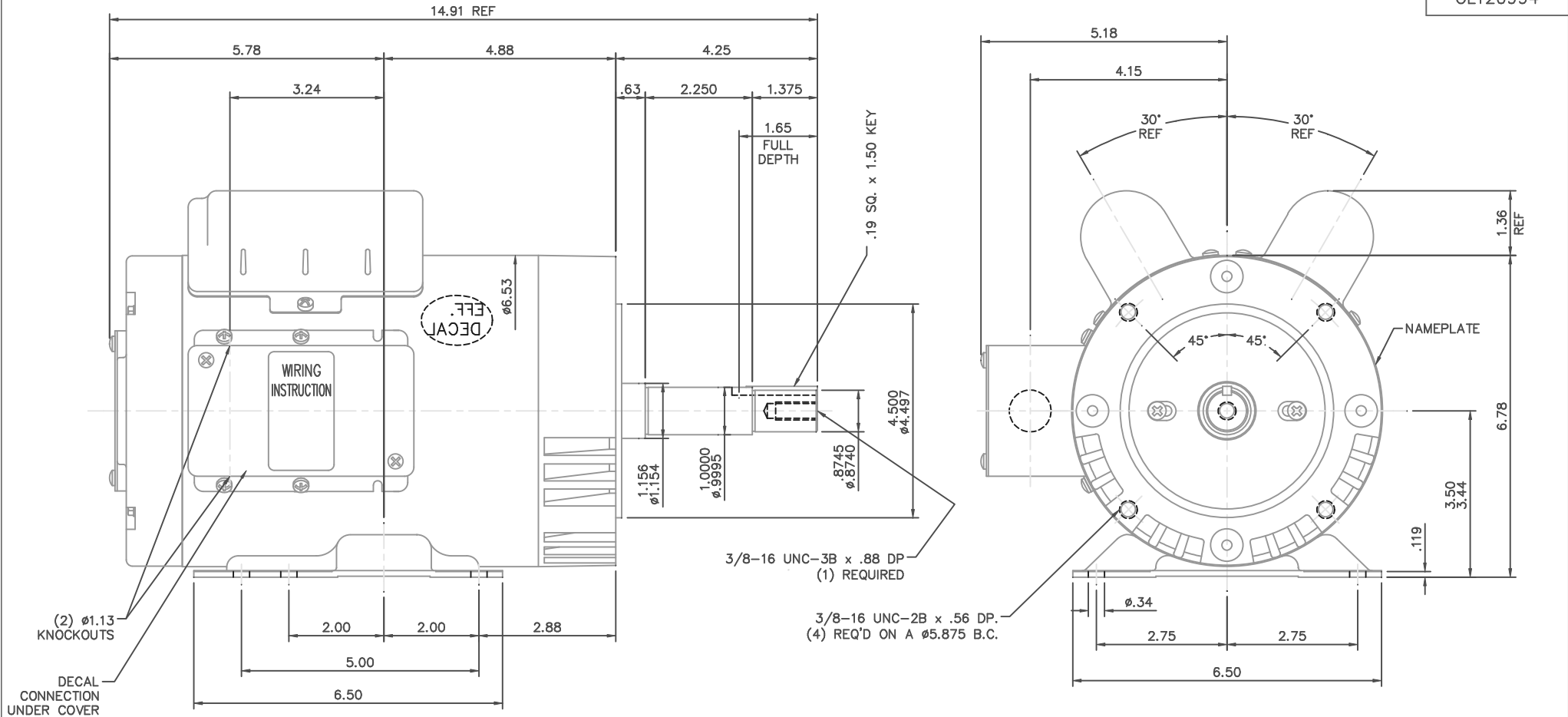


Nameplate Specifications

Output HP	1.50 Hp	Output KW	1.1 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	17.2/8.8-8.6 A	Speed	1740 rpm
Service Factor	1.15	Phase	1
Efficiency	79 %	Duty	Continuous
Insulation Class	B	Design Code	L
KVA Code	J	Frame	145JM
Enclosure	Drip Proof	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6206
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	N
IP Code	22		

Technical Specifications

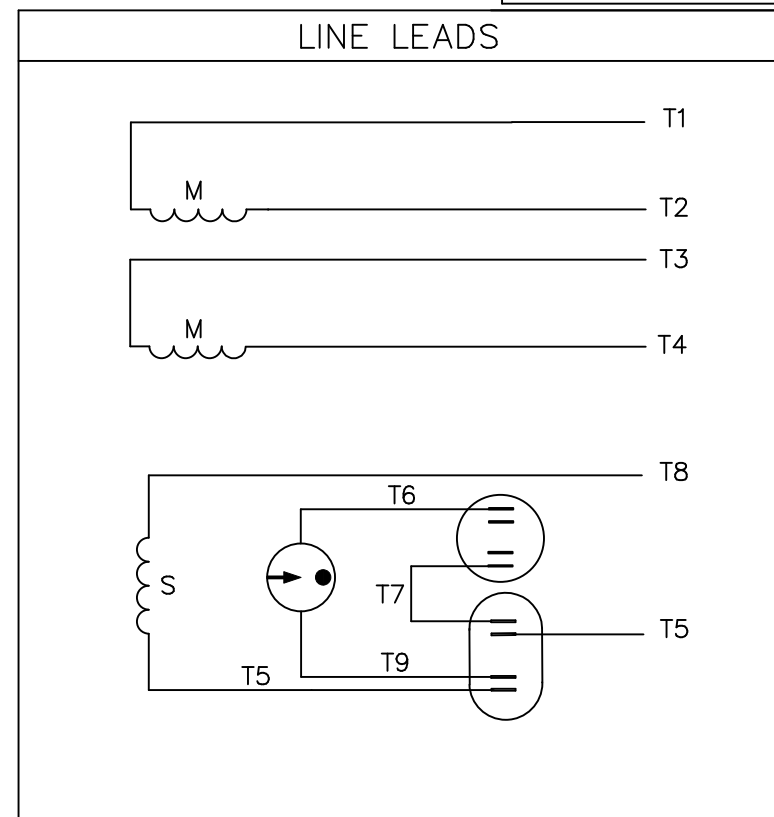
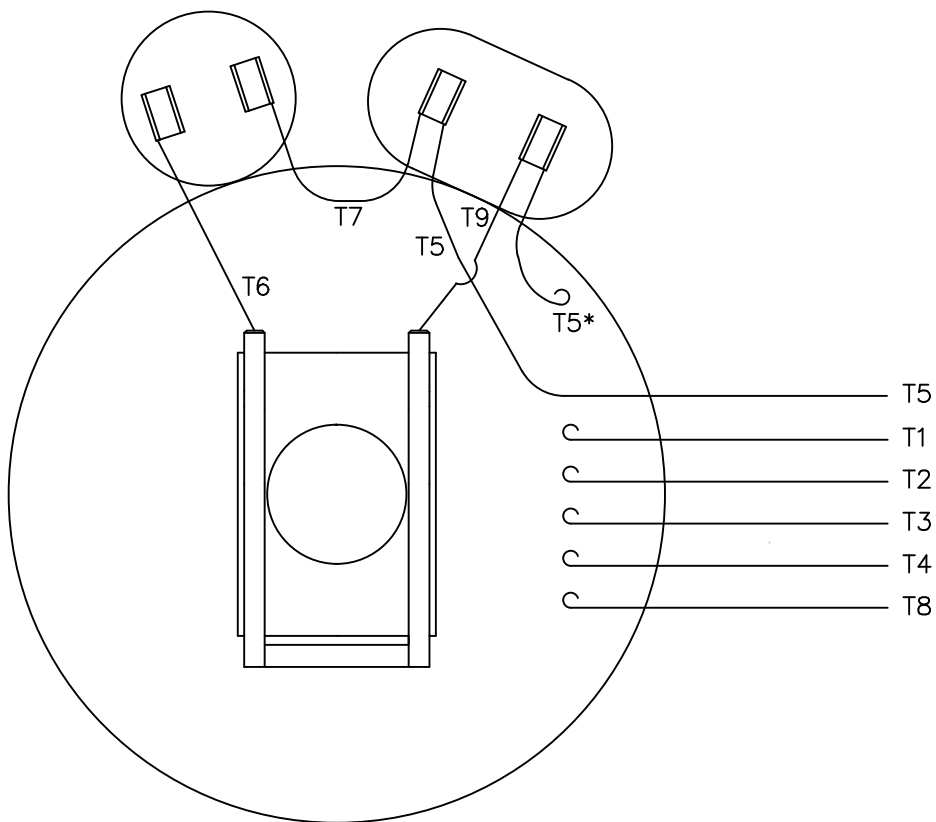
Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	JM
Overall Length	14.91 in	Frame Length	7.50 in
Shaft Diameter	0.875 in	Shaft Extension	4.21 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	OL120994	Connection Diagram	005054.01



MAXIMUM FACE RUNOUT .004 TIR
 MAXIMUM PILOT ECCENTRICITY .004 TIR
 PERMISSIBLE SHAFT RUNOUT TO BE .002 TIR
 TAPPED HOLE IN SHAFT ±.003 CENTERLINE OF SHAFT

				TOLERANCES UNLESS OTHERWISE SPECIFIED			LEESON ELECTRIC CORPORATION			
				DEC.	INCHES	METRIC			TITLE	
				.X	±.1	±2.5	DRAWN BPW 12/16/99		OUTLINE -- 143JM FRAME	
02 ADDED DECALS				.XX	±.03	±.76	APPR. GS 1/4/00		OPEN DRIP PROOF -- RIGID "C" FACE	
01 REDRAWN, RMV'D DRIP COVER PER ECO #01-815				.XXX	±.005	±.127	R.F.P.		MAT'L.	
NO.	REVISION	BY & DATE	CH'K'D.	.XXXX	±.0005	±.0127	SCALE 1=2			
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.				FRACTIONS	±1/64	REF.	034058	FINISH	REV.	DRAWING NO.
				ANGLES	±1/2°	FMF	120994.00	STANDARD	02	OL120994

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



	ROTATION FACING LEAD END	L1	L2	JOIN
HIGH VOLT	C.C.W.	T1	T4 T5	T2,T3 T8
	C.W.	T1	T4 T8	T2,T3 T5
LOW VOLT	C.C.W.	T1 T3,T8	T2,T4 T5	
	C.W.	T1,T3 T5	T2,T4 T8	

* THIS LEAD MAY BE WHITE

		TOLERANCES UNLESS SPECIFIED		LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN JRW 09/27/74	
		DEC.	INCHES			CHK	TEM
		.X	±.1			APPD	10/11/74
11	ALTERNATE T5 LEAD MARKING WAS RED	RLW	8/6/02	.XX	±.01	SCALE	1=1
10	ADDED ALTERNATE T5 LEAD MARKING	RLW	6/5/02	KH	.XXX ±.005	REF	A-005053
09	REDRAWN TO CAD	DBT	05/28/97		.XXXX ±.0005	FMF	W-K6343
NO.	REVISION	BY & DATE	CHK	ANG	±1/2°	PREV	
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		DIST	BRF-NLV	A	005054-01	11	



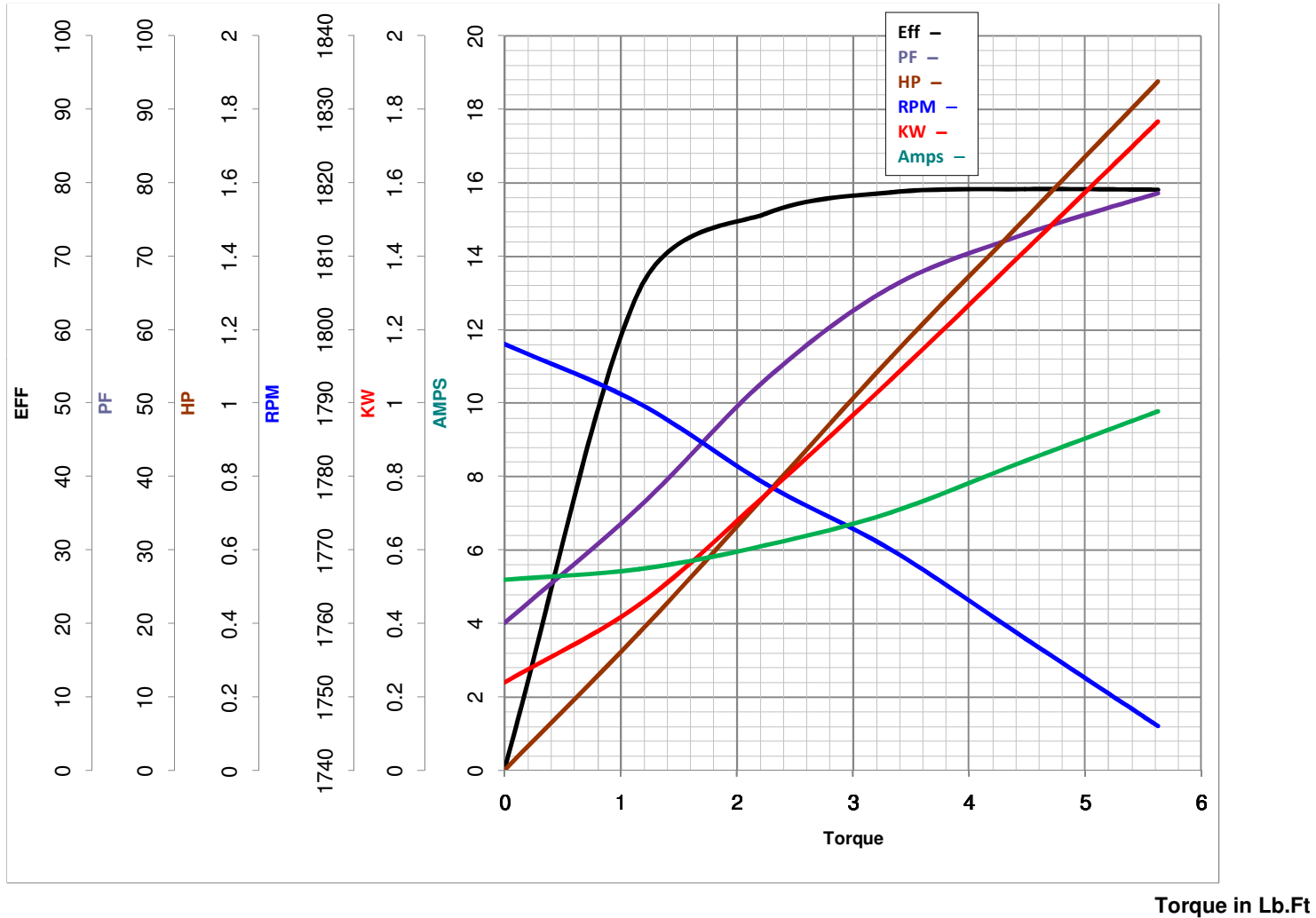
LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 120994.00

Curve at 230 Volts HP 1.50 PHASE 1
60 HZ
1.5 HP VOLTS 115/208-230

Catalog No 120994.00

HZ 60 RPM 1740



FL TORQUE 4.48 Lb.Ft
 BD TORQUE 10.7 Lb.Ft
 LR TORQUE 13 Lb.Ft

FL AMPS 17.2/8.8-8.6
 PU TORQUE 9.3 Lb.Ft
 LR AMPS 50

WINDING K634119-3

Date 3/21/2018