PRODUCT INFORMATION PACKET

Model No: C145K17DK9F
Catalog No: 120995.00
2HP..1740RPM.145.DP./V.1PH.60HZ.CONT.NOT.40C.1.15SF.RIGID C.JM PUMP.C145K17DK9F JM

Product Information Packet: Model No: C145K17DK9F, Catalog No:120995.00
2HP..1740RPM.145.DP./V.1PH.60HZ.CONT.NOT.40C.1.15SF.RIGID C.JM PUMP.C145K17DK9F

Nameplate Specifications

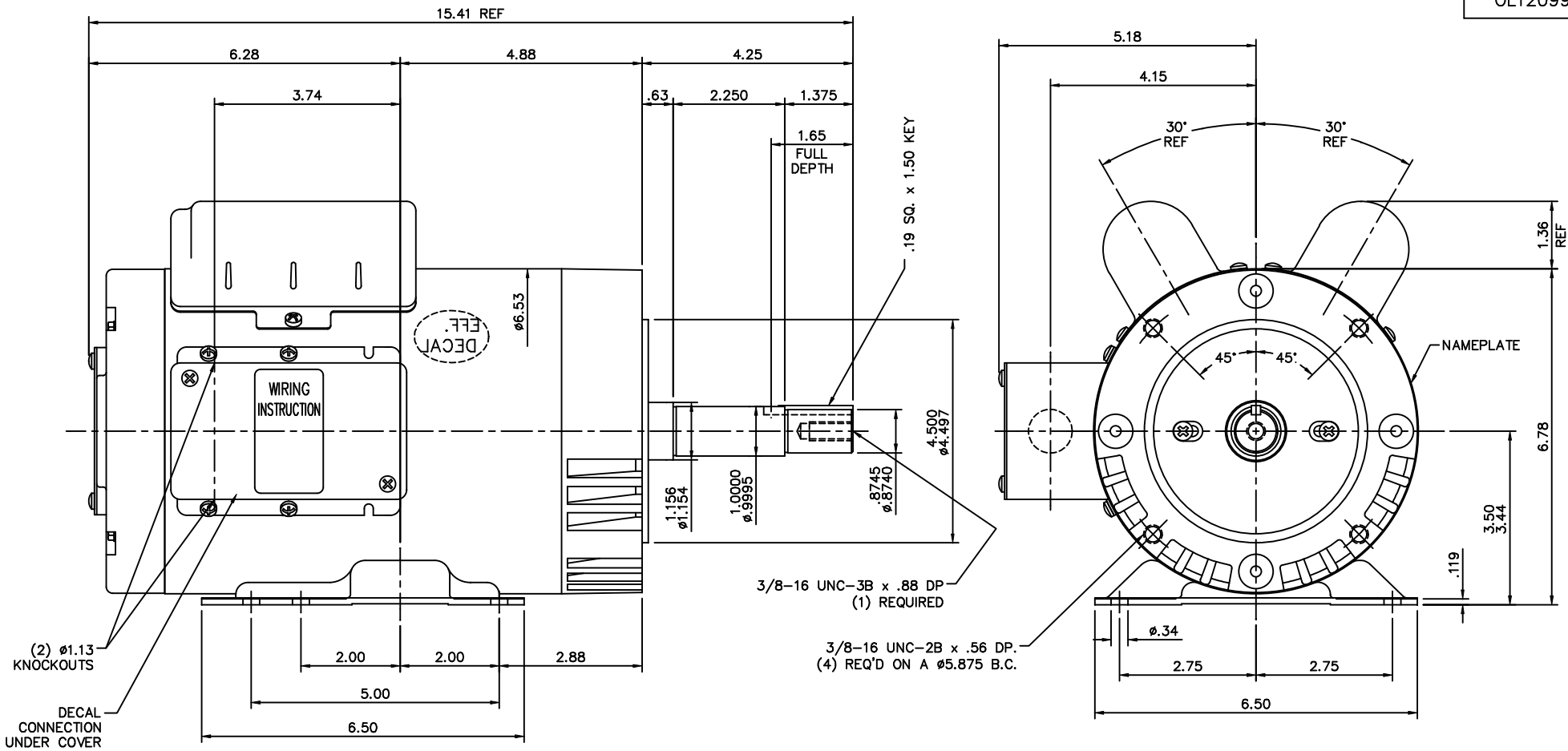
Output HP	**2 Hp**	Output KW	**1.5 kW**
Frequency	**60 Hz**	Voltage	**115/208-230 V**
Current	**21.0/10.5 A**	Speed	**1740 rpm**
Service Factor	**1.15**	Phase	**1**
Efficiency	**80 %**	Duty	**Continuous**
Insulation Class	**B**	Design Code	**L**
KVA Code	**H**	Frame	**145JM**
Enclosure	**Drip Proof**	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	**15.41 in**	Frame Length	**8.00 in**
Shaft Diameter	**1.000 in**	Shaft Extension	**4.25 in**
Assembly/Box Mounting	**F1 ONLY**		
Outline Drawing	**OL120995**	Connection Diagram	**005054.01**

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created: 10/15/2018

OL120995



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

NO.	REVISION	BY & DATE	CHK
03	MOTOR FRAME WAS 143JM	BPW 11/19/01	
02	ADDED DECALS	RLW 8/2/01	
01	REDRAWN, RMV'D DRIP COVER PER ECO #01–814	KMM 6/19/01	RDW

TOLERANCES UNLESS SPECIFIED

DEC.	ENGLISH
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005
ANG	±1/2°

LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES

TITLE: OUTLINE – J145JM FRAME
OPEN DRIP PROOF – RIGID "C" FACE

MAT'L.
FINISH: STANDARD

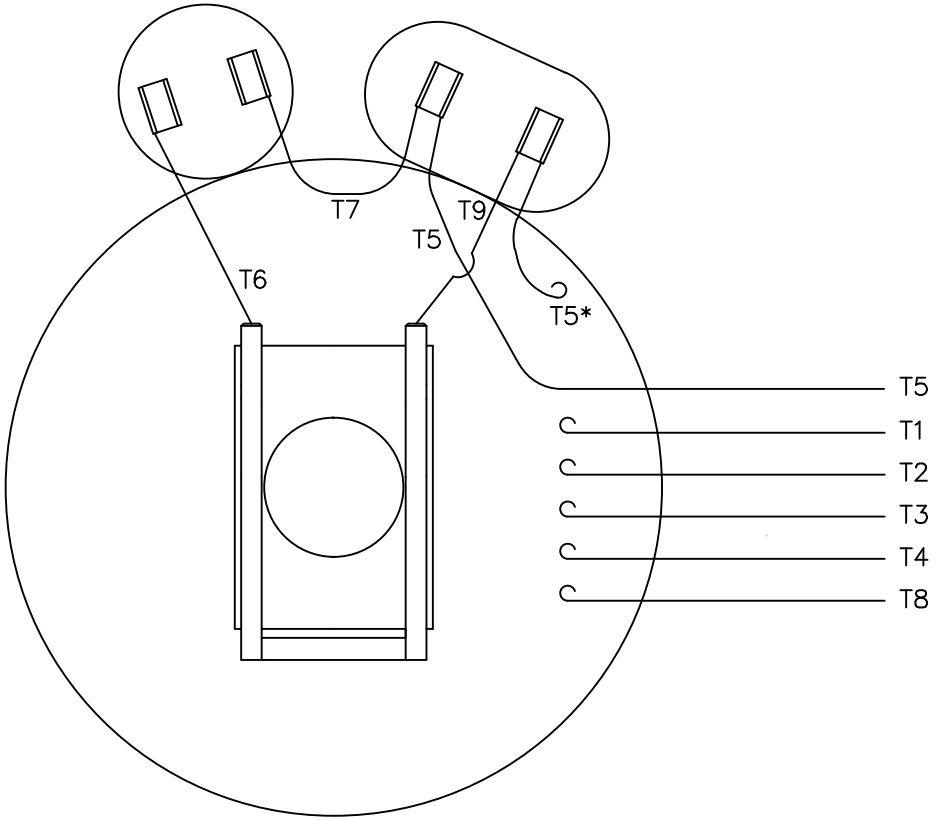
RFP
CAD FILE: OL120995
DIST

DRAWN	BPW 01/03/00
CHK	
APPD	GS 01/17/00
SCALE	1=2
REF	034058
FMF	
PREV	

SIZE: B
DRAWING NO.: OL120995
REV.: 03

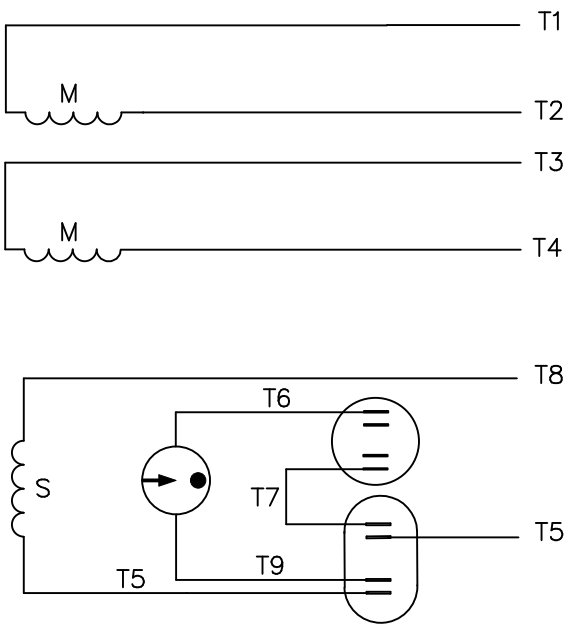
005054-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



* THIS LEAD MAY BE WHITE

LINE LEADS



	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	

NO.	REVISION	BY & DATE	CHK
11	ALTERNATE T5 LEAD MARKING WAS RED	RLW 8/6/02	
10	ADDED ALTERNATE T5 LEAD MARKING	RLW 6/5/02	KH
09	REDRAWN TO CAD	DBT 05/28/97	

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.01
.XXX	±.005
.XXXX	±.0005
ANG	±1/2°

LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES

TITLE: EXT. WIRING DIAGRAM TYPE "K" W/O PROTECTOR

MAT'L. DECAL-004012

FINISH

CAD FILE 00505401

RFP

DIST BRF-NLV

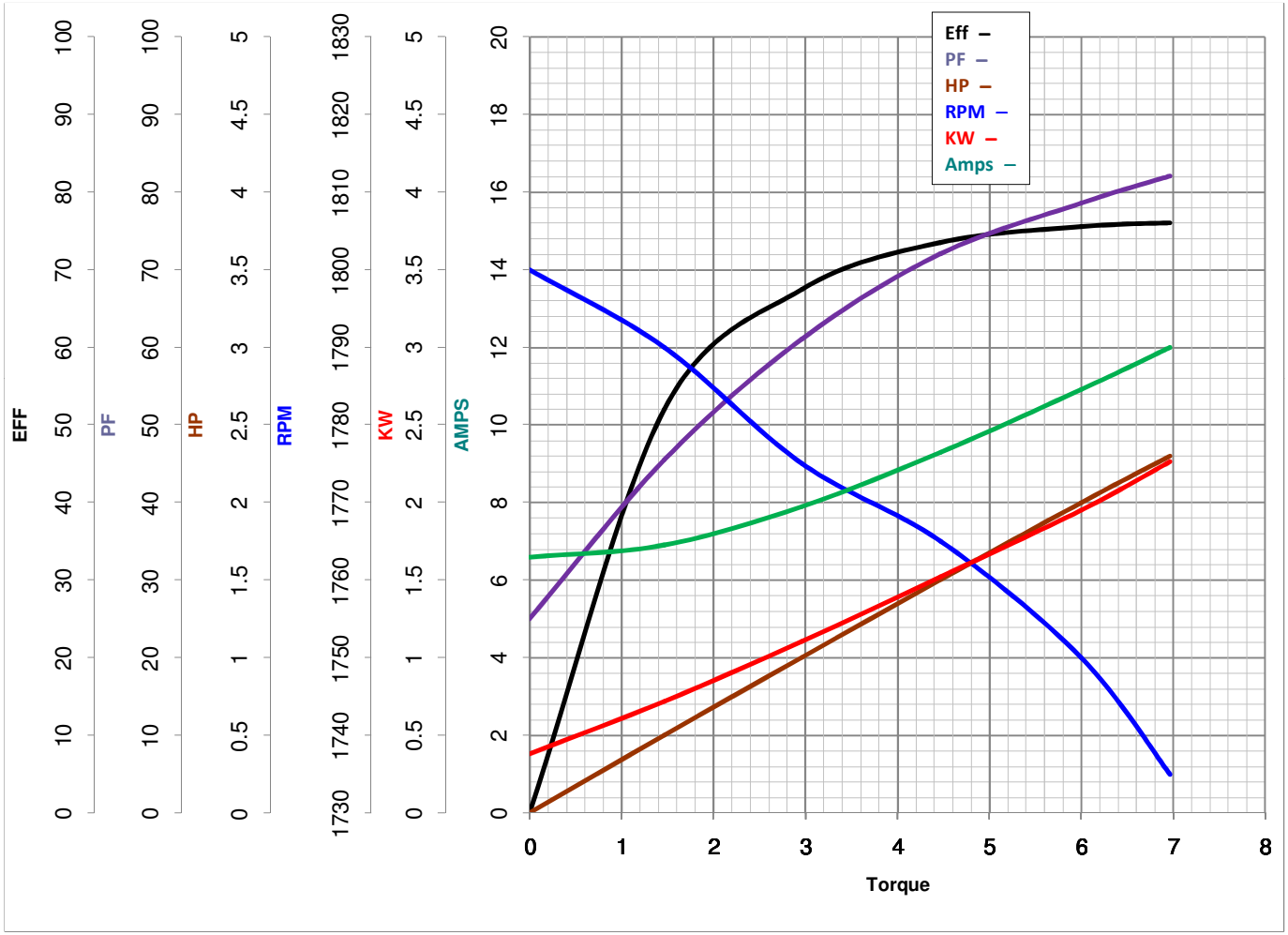
DRAWN	JRW 09/27/74
CHK	TEM
APPD	10/11/74
SCALE	1=1
REF	A-005053
FMF	W-K6343
PREV	

SIZE A | DRAWING NO. 005054-01 | REV. 11

LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Curve at	230	**Volts**	**HP**	2.00	**PHASE**	1
	60	**HZ**				
Model No 120995.00	2	**HP**	**VOLTS**	115/208-230		
Catalog No 120995.00			**HZ**	60	**RPM**	1740



Torque in Lb.Ft

FL TORQUE	5.993	**Lb.Ft**	**FL AMPS**	21/10.5	
BD TORQUE	13.6	**Lb.Ft**	**PU TORQUE**	12.9	**Lb.Ft**
LR TORQUE	16.97	**Lb.Ft**	**LR AMPS**	63	
WINDING	K634277-3			**Date**	**3/26/2018**