

PRODUCT INFORMATION PACKET



Model No: C215K17DK5A

Catalog No: 140806.00

..7 1/2HP..1740RPM.215.DP./230V.1PH.60HZ.CONT.40C.1.15SF.RIGID C.C215K17DB5A.....NOT.....

Open Drip Proof (ODP)



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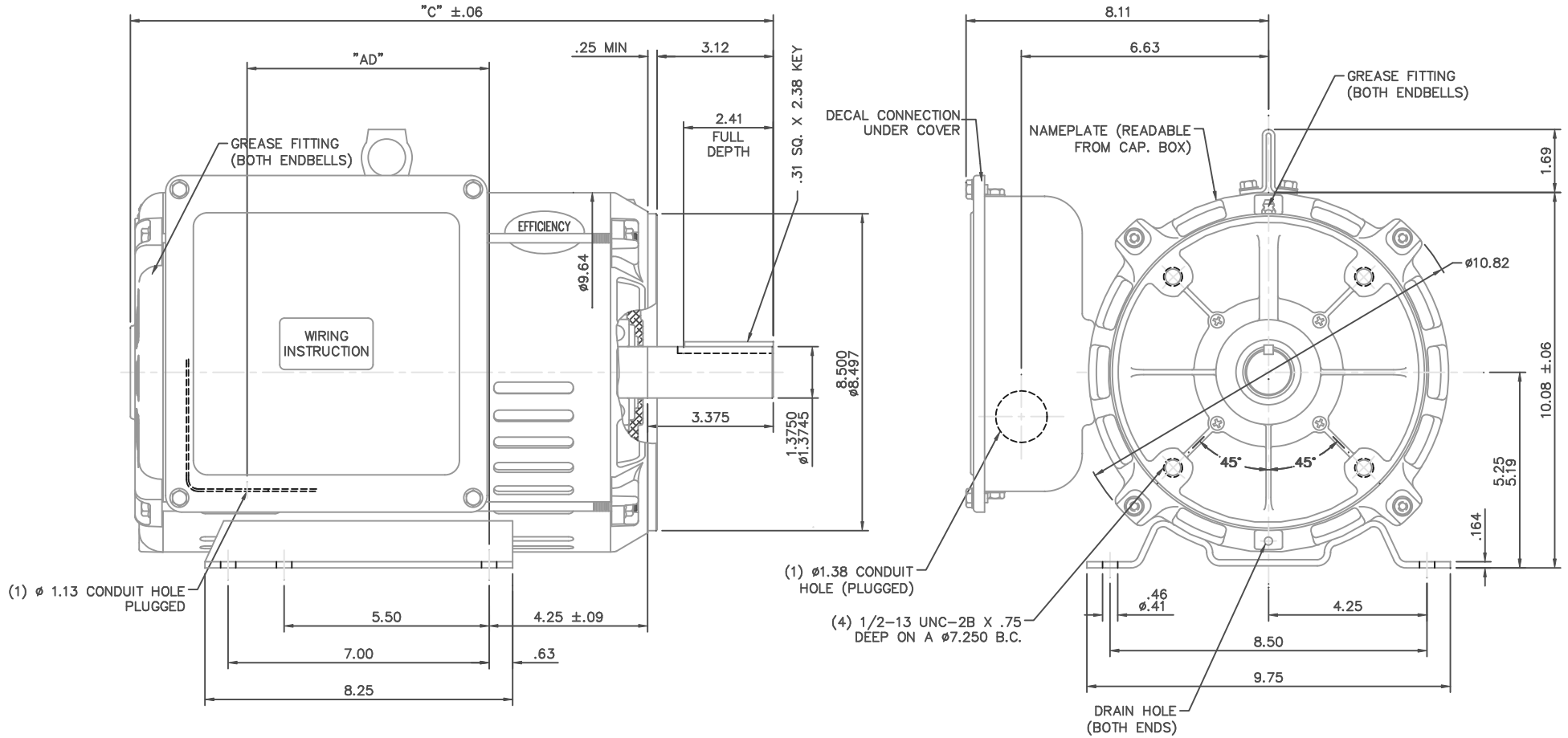


Nameplate Specifications

Output HP	7.50 Hp	Output KW	5.6 kW
Frequency	60 Hz	Voltage	230 V
Current	36.0 A	Speed	1740 rpm
Service Factor	1.15	Phase	1
Efficiency	81.5 %	Duty	Continuous
Insulation Class	F	Design Code	L
KVA Code	G	Frame	215TC
Enclosure	Drip Proof	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6207
Opp Drive End Bearing Size	6206	UL	Recognized
CSA	Y	CE	N
IP Code	22		

Technical Specifications

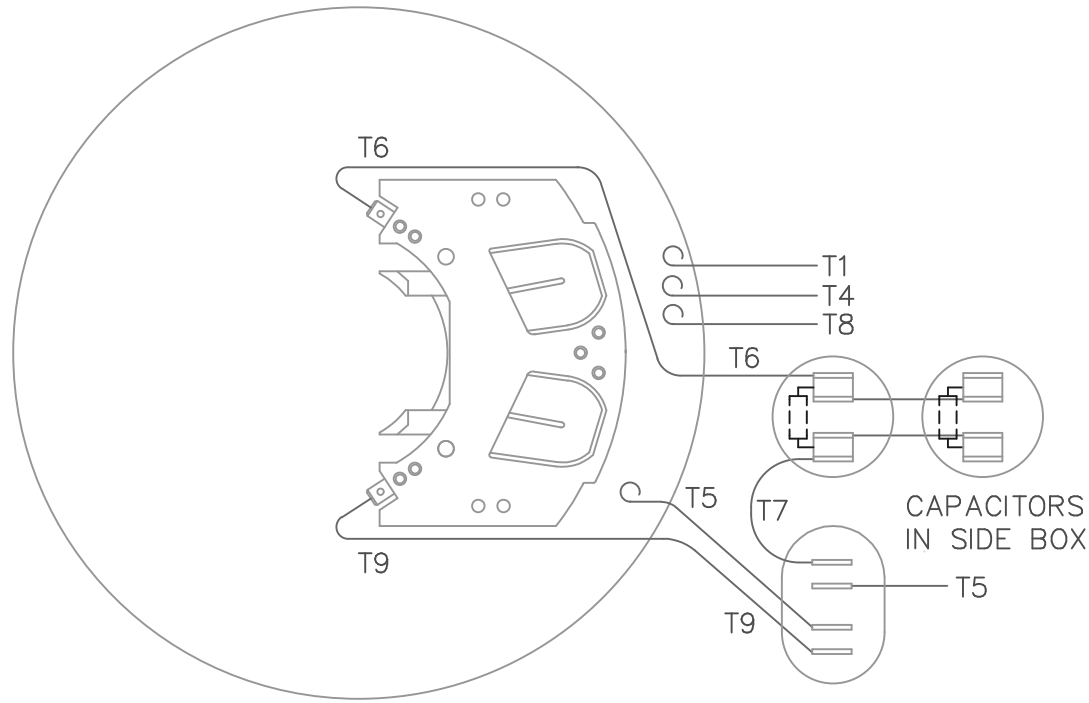
Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	17.26 in	Frame Length	12.00 in
Shaft Diameter	1.375 in	Shaft Extension	3.38 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	037647-1200	Connection Diagram	005077.10



MAXIMUM FACE RUNOUT TO BE .004 T.I.R.
 MAXIMUM PILOT ECCENTRICITY TO BE .004 T.I.R.
 PERMISSIBLE SHAFT RUNOUT TO BE .002 T.I.R.
 ALIGN BASE TO C-FACE MOUNTING HOLES WITHIN $\pm 1/16$ "

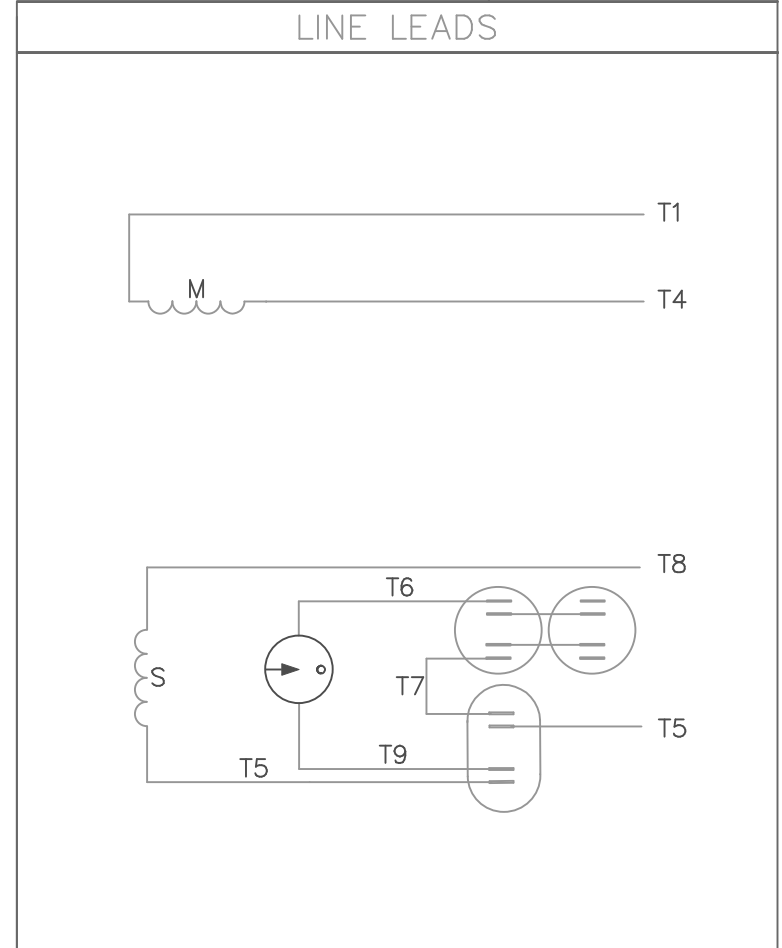
DASH NO.	"C"	"AD"
1000	15.26	4.25
1050	15.76	4.75
1100	16.26	5.25
1150	16.76	5.75
1200	17.26	6.25
1250	17.76	6.75
1300	18.26	7.25

NO.		REVISION	BY & DATE	CHK	ANG	±1/2'	FINISH	CAD FILE	037647	SIZE	DRAWING NO.	REV.
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TO TOLERANCES UNLESS SPECIFIED DEC. INCHES .X ±.1 .XX ±.03 .XXX ±.005 .XXXX ±.0005							LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN VS 09/24/08 CHK RVD 9/24/08 APPD VS 09/24/08 SCALE 3=8 REF 037602/037635 FMF PREV			
TITLE OUTLINE - 210T FRAME DRIP PROOF - RIGID "C" FACE MAT'L GENERAL PURPOSE							RFP CAD FILE 037647			B 037647		




VIEW FROM OUTSIDE OF MOTOR AT SWITCH END

CAUTION:
LEAD WIRE INSULATION TO EXTEND MIN. OF 1/4" INTO CONNECTOR INSULATION



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

				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN RDW 10/11/02 CHK APPD SCALE 1=2 REF 005077-09 FMF 140120 PREV		
				DEC.	INCHES		TITLE		
				.X	±.1		EXTERNAL WIRING DIAGRAM TYPE "K" W/O PROTECTOR		
				.XX	±.01		MAT'L. DECAL 004018		
				.XXX	±.005		FINISH		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	CAD FILE 00507710	SIZE A	DRAWING NO. 005077-10	REV.
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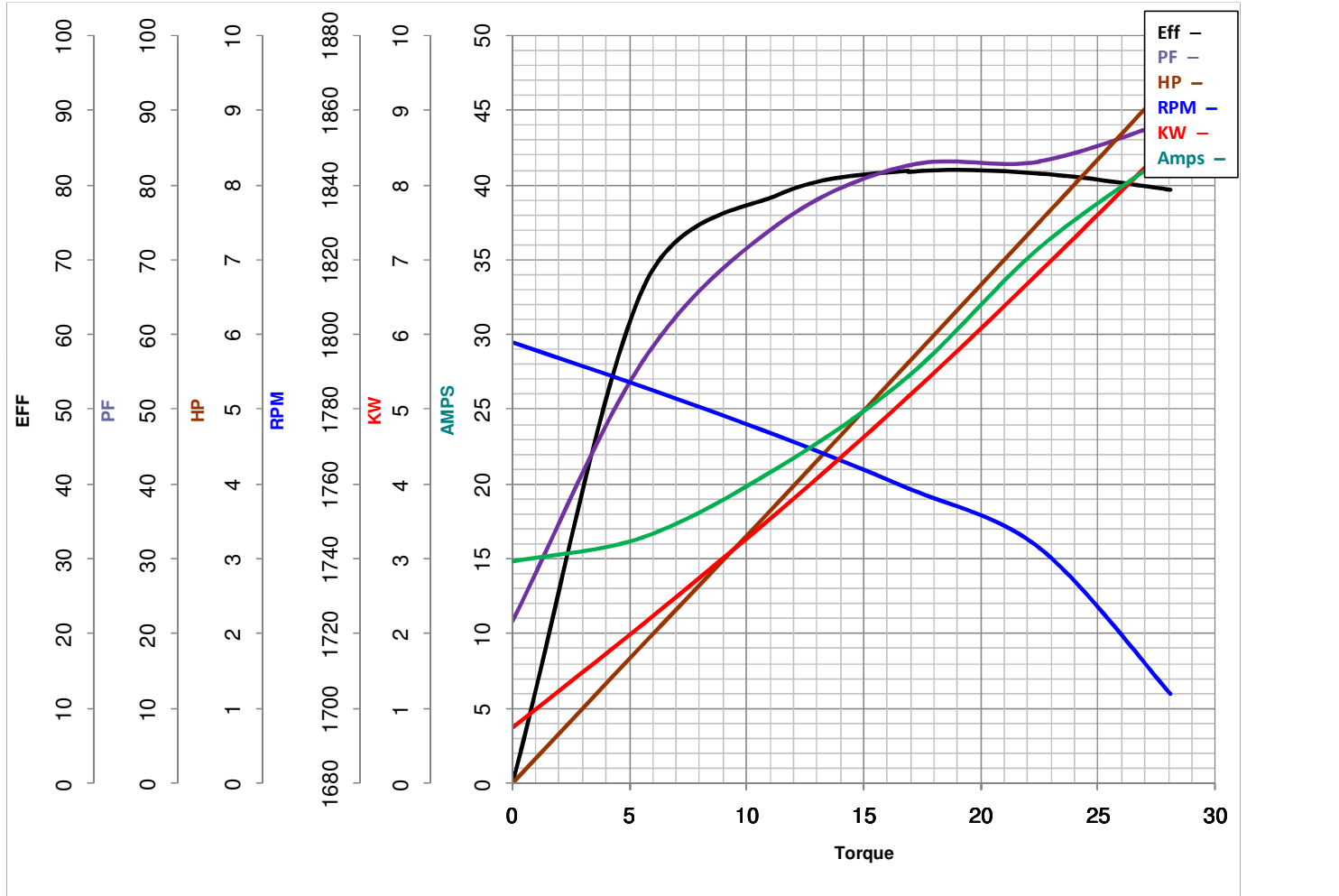


LEESON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 140806.00

Catalog No 140806.00

Curve at 230 Volts HP 7.50 PHASE 1
60 HZ
7.5 HP VOLTS 230
HZ 60 RPM 1740



Torque in Lb.Ft

FL TORQUE 22.5 Lb.Ft
 BD TORQUE 47.5 Lb.Ft
 LR TORQUE 61 Lb.Ft

FL AMPS 36
 PU TORQUE 36.4 Lb.Ft
 LR AMPS 182.8

WINDING K9416-2

Date 3/21/2018