

# PRODUCT INFORMATION PACKET



Model No: M6C17FC179A

Catalog No: 117879.00

..1/2HP..1800RPM.56C.TEFC.115/230V.1PH.60HZ.CONT.40C.1.15SF.C-FACE.....IND-AG.....

Agricultural



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### Nameplate Specifications

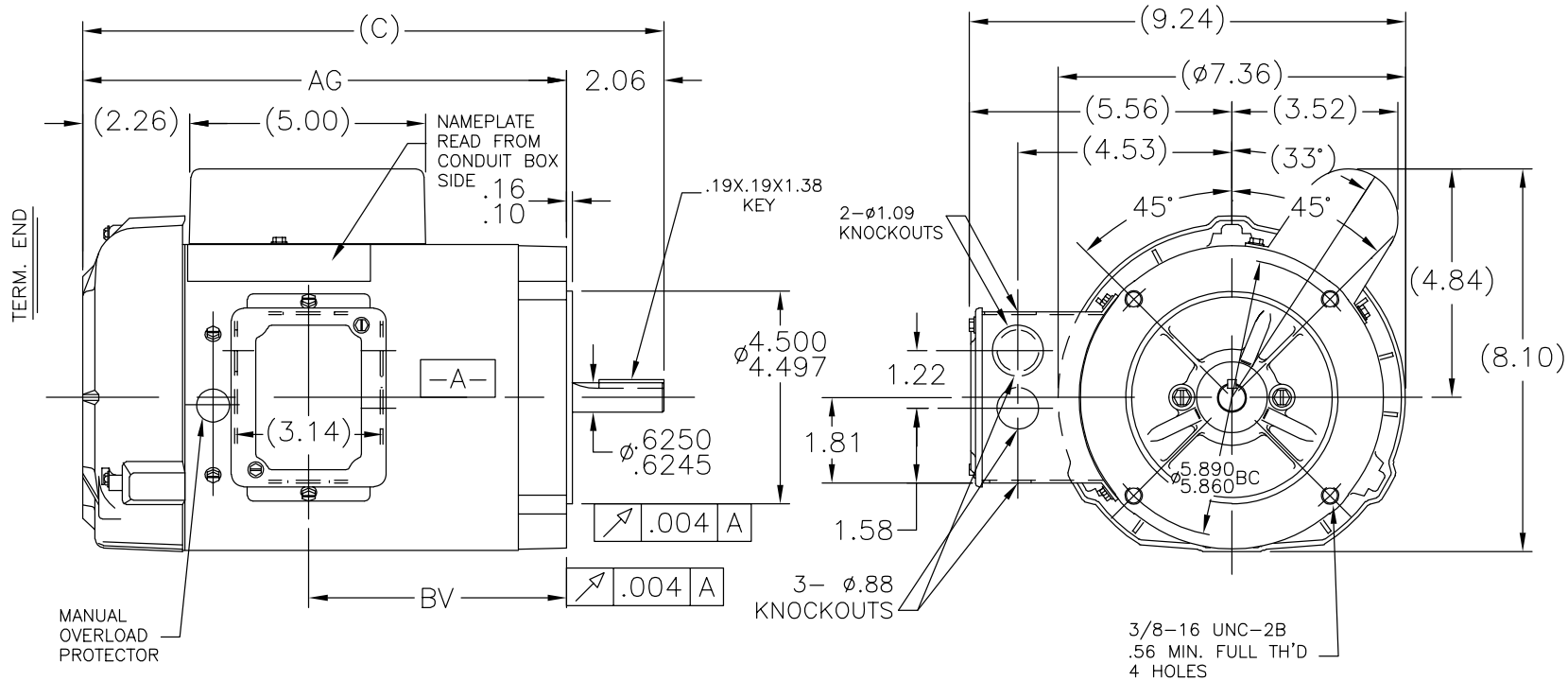
Output HP	<b>0.50 Hp</b>	Output KW	<b>0.37 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>115/208-230 V</b>
Current	<b>8.8/4.2-4.4 A</b>	Speed	<b>1725 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>1</b>
Efficiency	<b>66 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>B</b>	Design Code	<b>N</b>
KVA Code	<b>L</b>	Frame	<b>56C</b>
Enclosure	<b>Totally Enclosed Fan Cooled</b>	Overload Protector	<b>Manual</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6203</b>
Opp Drive End Bearing Size	<b>6203</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>N</b>
IP Code	<b>43</b>		

### Technical Specifications

Electrical Type	<b>Capacitor Start Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4</b>	Rotation	<b>Selective Counterclockwise</b>
Mounting	<b>Round</b>	Motor Orientation	<b>HORIZONTAL</b>
Drive End Bearing	<b>BALL</b>	Opp Drive End Bearing	<b>BALL</b>
Frame Material	<b>Rolled Steel</b>	Shaft Type	<b>T</b>
Overall Length	<b>11.82 in</b>	Frame Length	<b>6.56 in</b>
Shaft Diameter	<b>0.625 in</b>	Shaft Extension	<b>1.88 in</b>
Assembly/Box Mounting	<b>F1/F2 CAPABLE</b>		
Outline Drawing	<b>A-100866LE-656</b>	Connection Diagram	<b>A-102005-52-LE</b>

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100866LE



DASH	FR.	C	AG	BV	DASH	FR.	C	AG	BV
					806	56-80	13.32	11.25	6.47
656	56-65	11.82	9.75	4.97	856	"-85	13.82	11.75	6.97
706	"-70	12.32	10.25	5.47	906	"-90	14.32	12.25	7.47
756	"-75	12.82	10.75	5.97	956	"-95	14.82	12.75	7.97

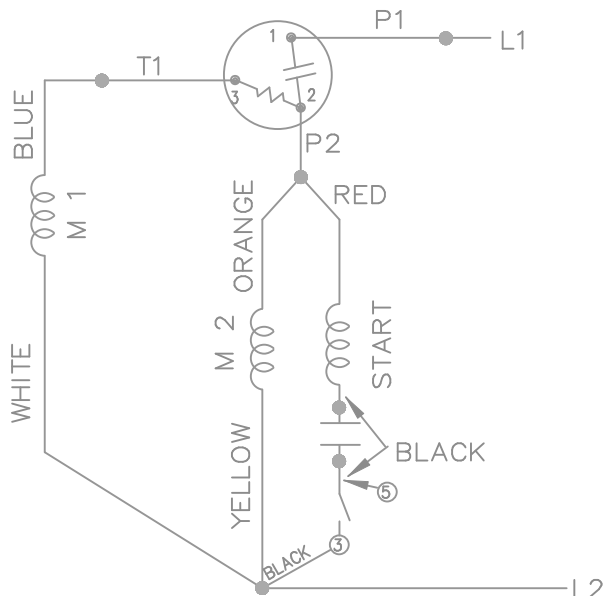
NOTES:

1. CONDUIT BOX CAN BE ROTATED 180°
2. DRAIN HOLE AT 12 O'CLOCK IN C-FACE TO BE PLUGGED.
3. DRAIN HOLES AT 6 O'CLOCK BOTH ENDS ARE NOT TO BE PLUGGED.

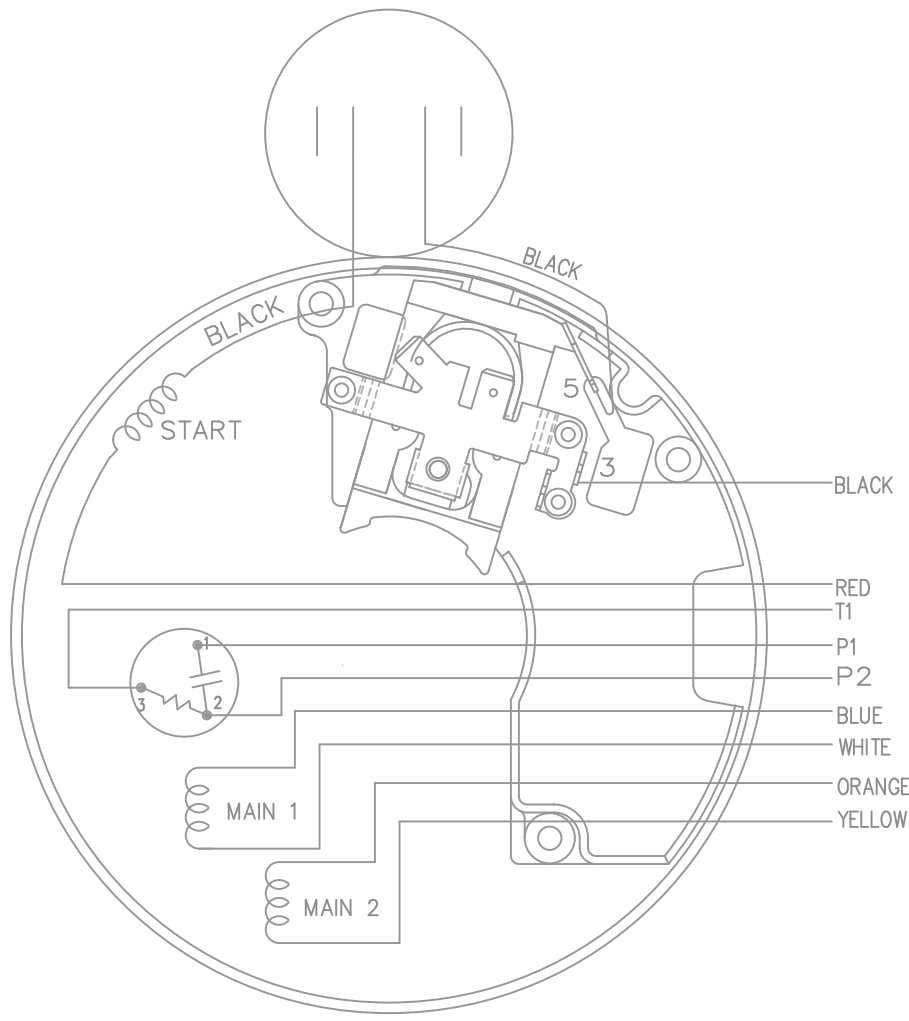
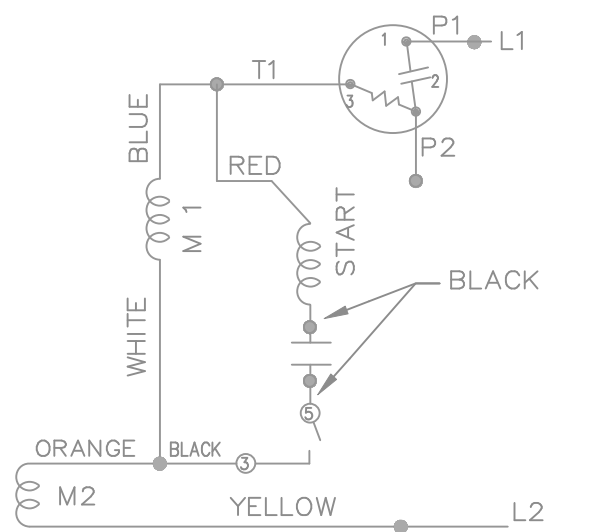
ORACLE REV 001

		TOLERANCES UNLESS SPECIFIED		LEESON	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN	LZ	03-19-1994	
		DEC.	INCHES			CHK	ML	03-22-1994	
		.X	±.1	TITLE OUTLINE		APPD	MS	03-22-1994	
		.XX	±.03	56 FR - BB - TEFC - C FACE 1φ		SCALE 5=16			
		.XXX	±.005	MAT'L.		REF			
		.XXXX	±.0005	FINISH		FMF			
C	ADDED NOTES #2 & #3 ECR 0080066	GWS	4/29/15			PREV			
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"				
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 100866LE	SIZE	DRAWING NO.	PAGE OF	REV.
				DIST	WP	A	100866LE		C

LOW VOLTAGE - CCW

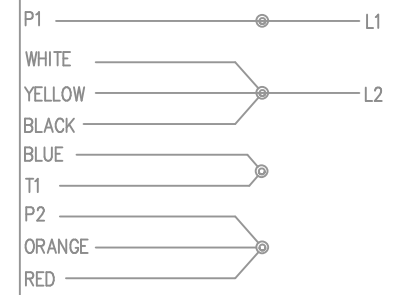


HIGH VOLTAGE - CCW

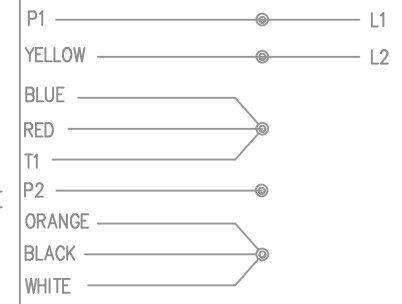


DUAL VOLTAGE  
CAPACITOR START  
OVERLOAD  
SELECT ROTATION


LOW VOLT. CCW ROT.



HIGH VOLT. CCW ROT.



FOR CW ROTATION  
EITHER VOLTAGE  
INTERCHANGE RED  
WITH BLACK

				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES  TITLE CONNECTION DIAGRAM	DRAWN NJS 09-03-2002						
				DEC.	INCHES		CHK ML 09-04-2002						
				.X	±.1		APPD GK 09-09-2002						
				.XX	±.02		SCALE 5=8						
				.XXX	±.005		REF						
1	NEW DRAWING	MU43222	NJS 09-09-2002	ML	.XXXX	±.0005	MAT'L.	FMF					
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"		FINISH	PREV					
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				DIST	WP				A	102005-52-LE			1



**LEESON ELECTRIC CORPORATION**  
TYPICAL PERFORMANCE CURVE for AC MOTOR

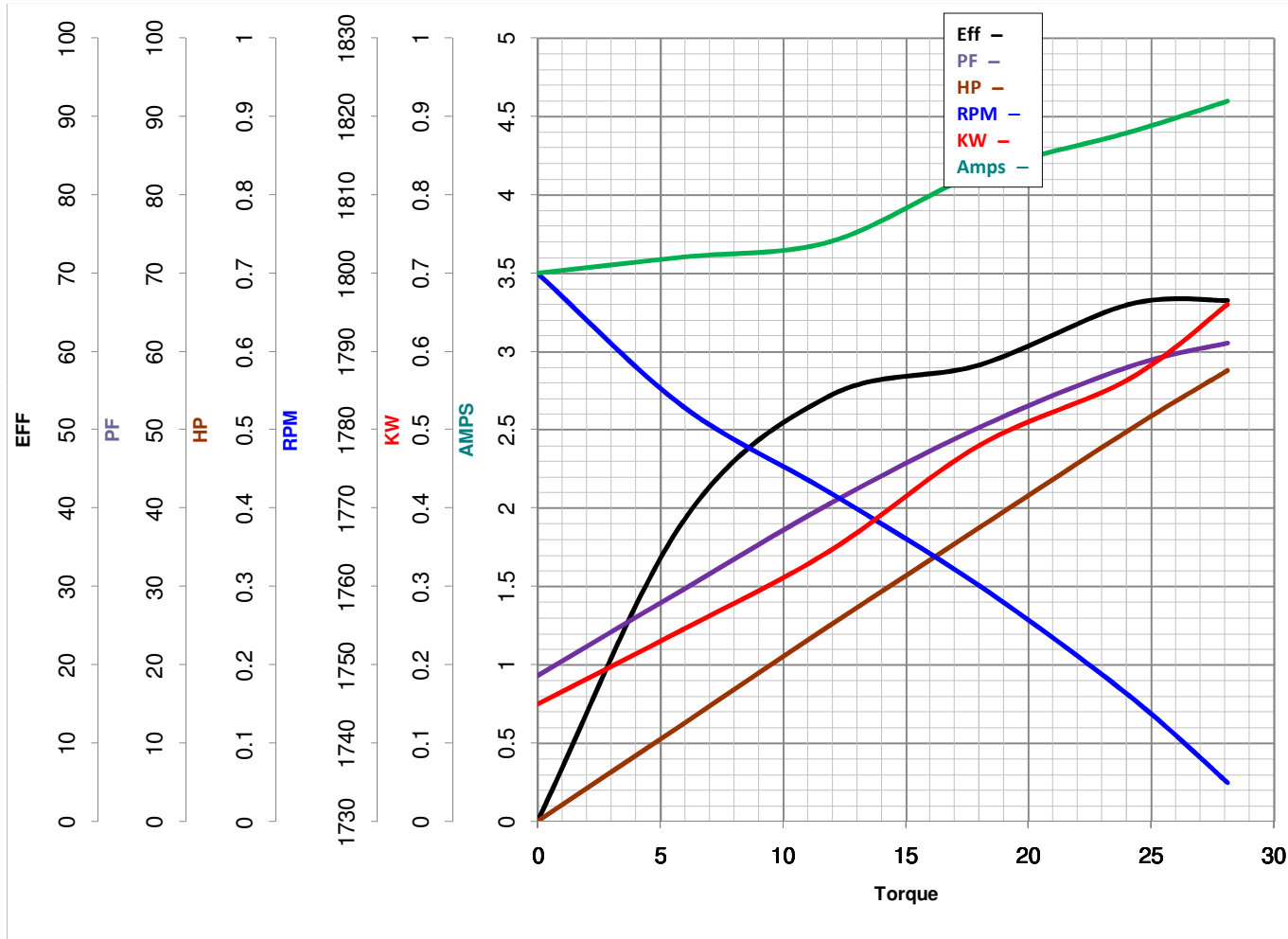
Curve at 230 Volts      HP 0.50      PHASE 1  
60 HZ  
0.5 HP      VOLTS 115/208-230

Model No 117879.00

Catalog No 117879.00

HZ 60

RPM 1725



Torque in Oz.Ft

FL TORQUE 24.1 Oz.Ft  
BD TORQUE 72.3 Oz.Ft  
LR TORQUE 83.8 Oz.Ft

FL AMPS 8.8/4.2-4.4  
PU TORQUE 61.2 Oz.Ft  
LR AMPS 21.3

WINDING ZC404-3

Date 3/26/2018