

PRODUCT INFORMATION PACKET



Model No: 117881.00
Catalog No: 117881.00
1 HP Agricultural Motor, 1 phase, 1800 RPM, 115/208-230 V, 56C Frame, TEFC
Agricultural Motors



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Nameplate Specifications

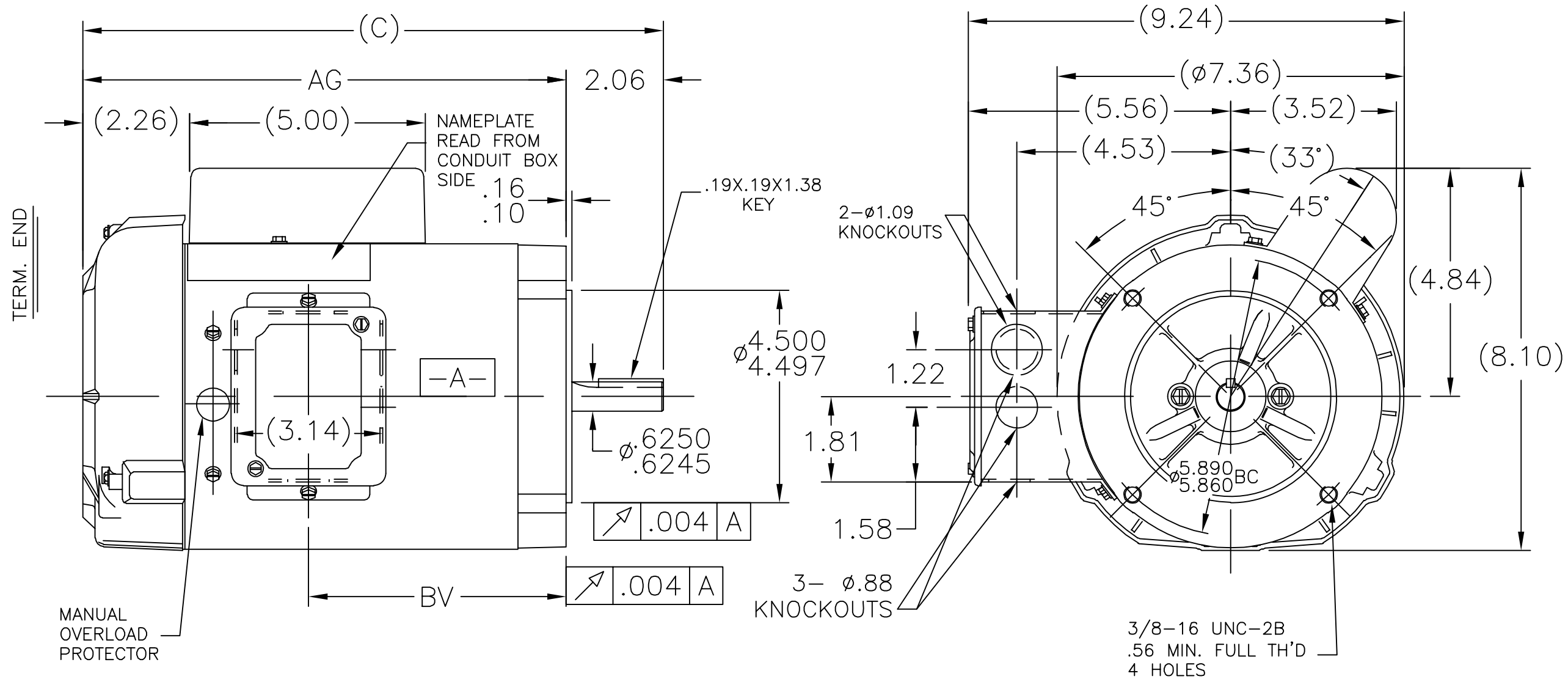
Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	13.4/6.8-6.7 A	Speed	1725 rpm
Service Factor	1.15	Phase	1
Efficiency	72 %	Power Factor	69.5
Duty	Continuous	Insulation Class	B
Design Code	N	KVA Code	J
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Ambient Temperature	40 °C
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	0 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	12.82 in
Frame Length	7.56 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	A-102005-52-LE	Outline Drawing	A-100866LE-756

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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

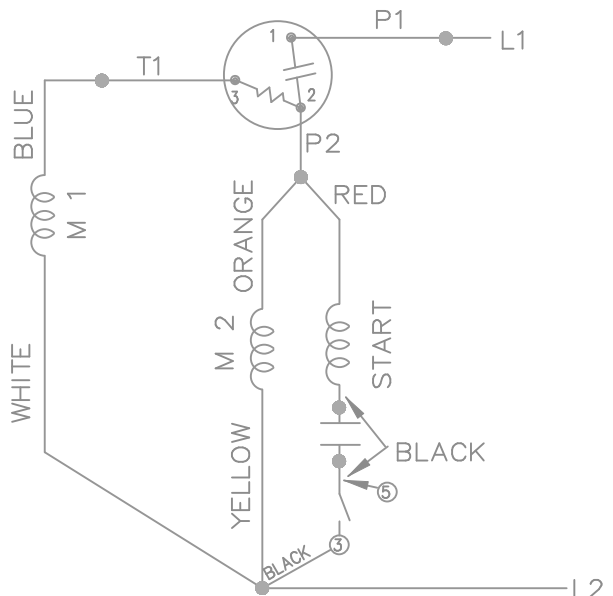
NOTES:

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.

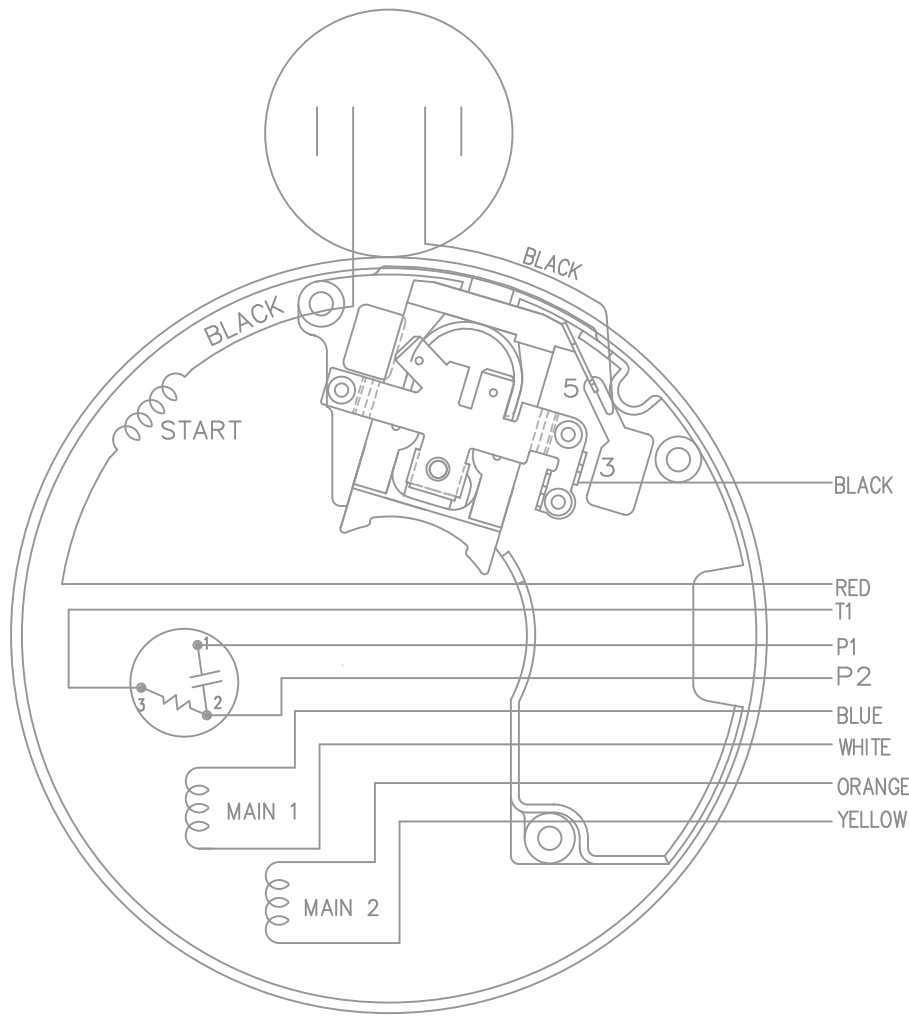
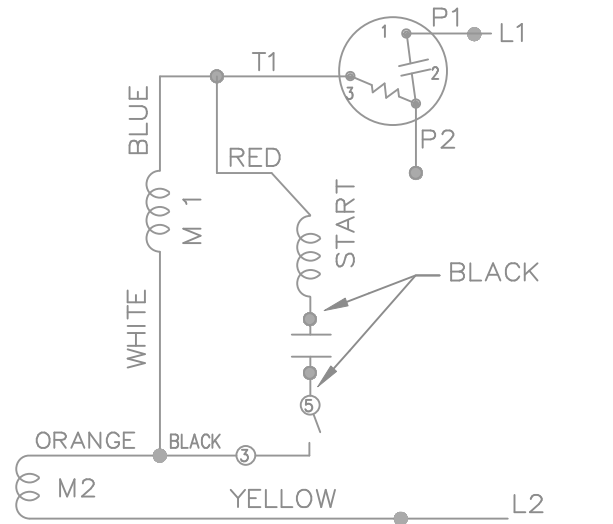
ORACLE
REV 001

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

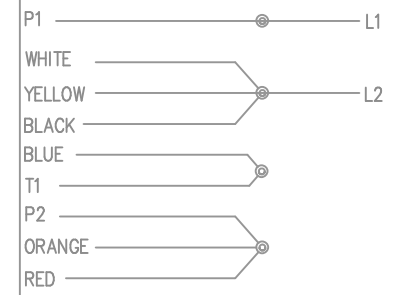


HIGH VOLTAGE - CCW

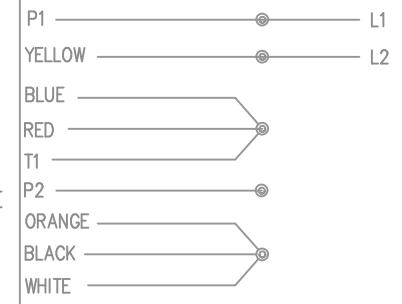


DUAL VOLTAGE
CAPACITOR START
OVERLOAD
SELECT ROTATION

LOW VOLT. CCW ROT.



HIGH VOLT. CCW ROT.



FOR CW ROTATION
EITHER VOLTAGE
INTERCHANGE RED
WITH BLACK

				TOLERANCES UNLESS SPECIFIED		LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN NJS 09-03-2002		
				DEC.	INCHES	TITLE CONNECTION DIAGRAM		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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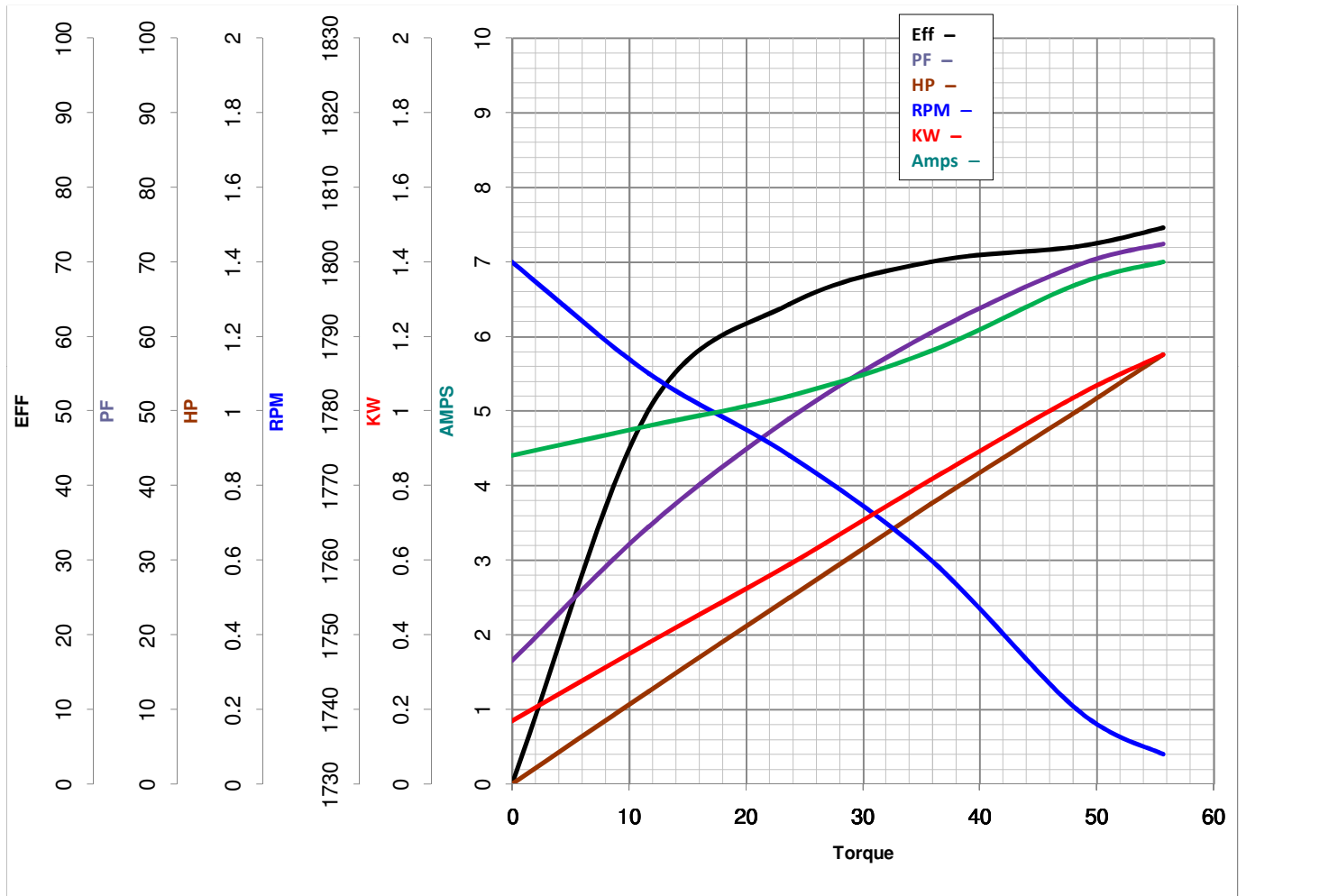


LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Curve at 230 Volts HP 1.00 PHASE 1
60 HZ
1 HP VOLTS 115/208-230
 HZ 60 RPM 1725

Model No 117881.00

Catalog No 117881.00



Torque in Oz.Ft

FL TORQUE 48.3 Oz.Ft
 BD TORQUE 122.0 Oz.Ft
 LR TORQUE 142.5 Oz.Ft

FL AMPS 13.4/6.8-6.7
 PU TORQUE 101.0 Oz.Ft
 LR AMPS 34.7

WINDING ZC407-3

Date 3/26/2018