

# PRODUCT INFORMATION PACKET



Model No: 113256.00  
Catalog No: 113256.00  
Agricultural Motor, 0.33 HP, 1 Ph, 60 Hz, 115/230 V, 1800 RPM, 56 Frame, TEFC

**Operational at 115/208-230 V @60HZ**



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### Nameplate Specifications

Phase	1	Output HP	0.33 Hp
Output KW	0.25 kW	Voltage	115/230 V
Speed	1725 rpm	Service Factor	1.15
Frame	56	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Efficiency	62 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	6.4/3.2 A	Power Factor	55
Duty	Continuous	Insulation Class	B
Design Code	L	KVA Code	M
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	54
Number of Speeds	1		

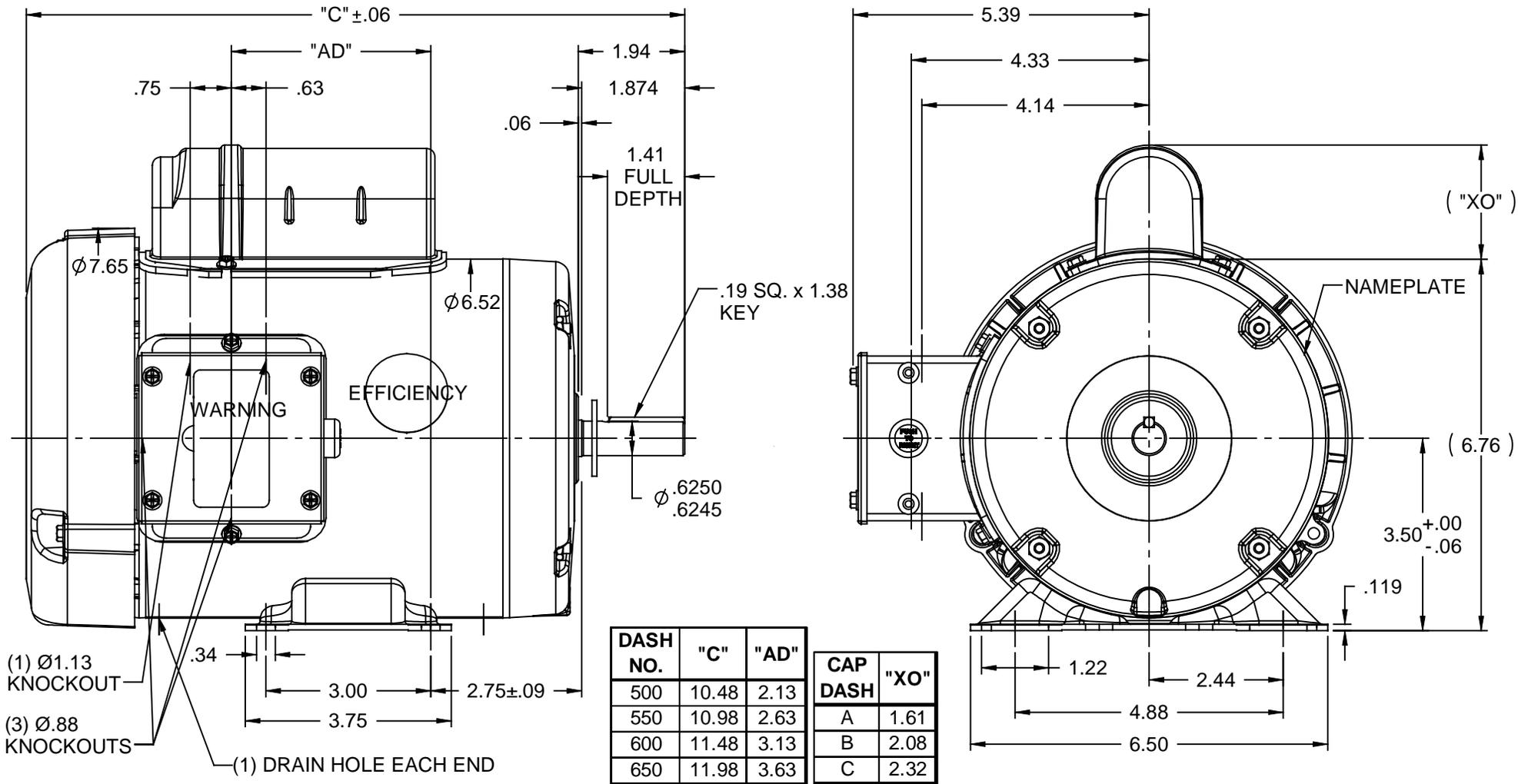
### Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	0 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	10.48 in
Frame Length	5.50 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	028774-550A	Connection Drawing	005003.03

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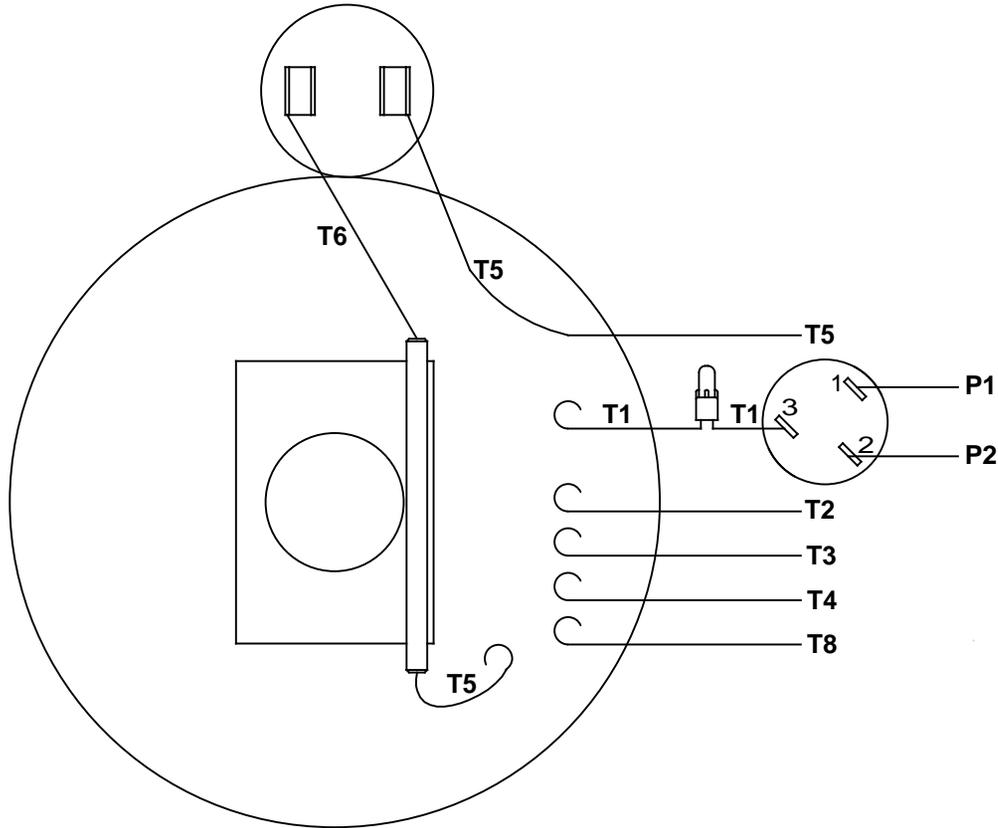
NOTES:

- 1) MANUAL OVERLOAD PROTECTOR.
- 2) FLINGER ON SHAFT.
- 3) GASKETS THROUGHOUT.
- 4) DRAIN HOLE IN FRAME (BOTH ENDS).

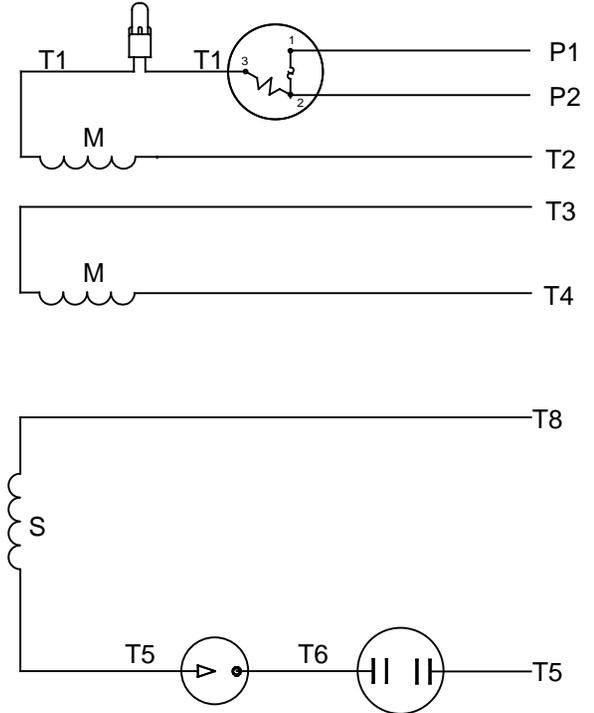


		TOLERANCES UNLESS SPECIFIED		<b>ELECTRIC MOTORS GEARMOTORS AND DRIVES</b>	DRAWN KMM 08/09/07
		DEC	INCHES		CHK
		.X	±.1		APPR
		.XX	±.03		SCALE 3:8
		.XXX	±.005		REF 032507
01	ADD DRAIN HOLE NOTE PER ISAAC 08-1915	LST 5/7/08	XX .XXXX ±.0005	MAT'L	FMF 110088.00
NO	REVISION	BY & DATE	CHK ANG ±1/2°	FINISH GENERAL PURPOSE	PAGE OF
THIRD ANGLE PROJECTION			RFP	PREV	SIZE DRAWING NO
			NETWORK FILE NAME		<b>A 028774</b>
					REV <b>01</b>

# VIEW FROM OUTSIDE OF MOTOR AT SWITCH END



# LINE LEADS



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	ROTATION FACING LEAD END	L1	L2	JOIN	INSULATE SEPARATELY
HIGH VOLT	C.C.W.	P1	T4 T5	T2,T3 T8	P2
	C.W.	P1	T4 T8	T2,T3 T5	P2
LOW VOLT	C.C.W.	P1	T2,T4 T5	P2,T3 T8	---
	C.W.	P1	T2,T4 T8	P2,T3 T5	---

		TOLERANCES UNLESS SPECIFIED		TITLE	DRAWN WLV 08/20/79
		DEC	INCHES		
		.X	±.1	EXTERNAL WIRING DIAGRAM TYPE "C" W/PROTECTOR	APPR WRK 08/27/76
06	REDRAWN IN SOLIDWORKS	.XX	±.01		SCALE 1:1
05	REDRAWN ON CAD	.XXX	±.005		REF
		.XXXX	±.0005	MAT'L DECAL - 004011	FMF
NO	REVISION	BY & DATE	CHK ANG ±1/2°	FINISH	PAGE OF
THIRD ANGLE PROJECTION		RFP	PREV	SIZE	DRAWING NO
		NETWORK FILE NAME	00500303	A	005003-03
					REV
					06



**1051 CHEYENNE AVE.  
GRAFTON, WI 53024  
PH. 262-377-8810**

**CERTIFICATION DATA SHEET**

**CONN. DIAGRAM:** 005003.03  
**OUTLINE:** 028774-550A  
**WINDING #:** C634260 FR 3 A

**CATALOG #:** 113256.00  
**MOUNTING:** F1 ONLY

**TYPICAL MOTOR PERFORMANCE DATA**

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/3	0.25	1800	1725	56	TEFC	M	L

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	115/208-230	6.4/3.4-3.2	ACROSS THE LINE	CONTINUOUS	B4	1.15	40

FULL LOAD EFF:	62	3/4 LOAD EFF:	57.3	1/2 LOAD EFF:	47.4	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	55	3/4 LOAD PF:	49	1/2 LOAD PF:	41.5	57.5	CAP START IND RUN

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
16 OZ-FT	30.8 / 15.4	60.5 OZ-FT 378 %	49.6 OZ-FT 310 %	61

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
53 dBA	63 dBA	0.05 LB-FT^2	0 LB-FT^2	10 SEC.	0	23 LBS.

**\*\*\* SUPPLEMENTAL INFORMATION \*\*\***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	RED (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	STANDARD 56	NONE	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL
6203	6203						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	MANUAL	NONE	NONE	NONE	FALSE	NONE VOLTS

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<b>INVERTER TORQUE:</b> NONE
<b>INV. HP SPEED RANGE:</b> NONE
<b>ENCODER:</b> NONE
NONE NONE
NONE NONE PPR
<b>BRAKE:</b> NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz

