

# PRODUCT INFORMATION PACKET



Model No: 111321.00  
Catalog No: 111321.00  
Agricultural Motor, 0.50 HP, 1 Ph, 60 Hz, 115/230 V, 1200 RPM, 56HZ Frame, TEAO



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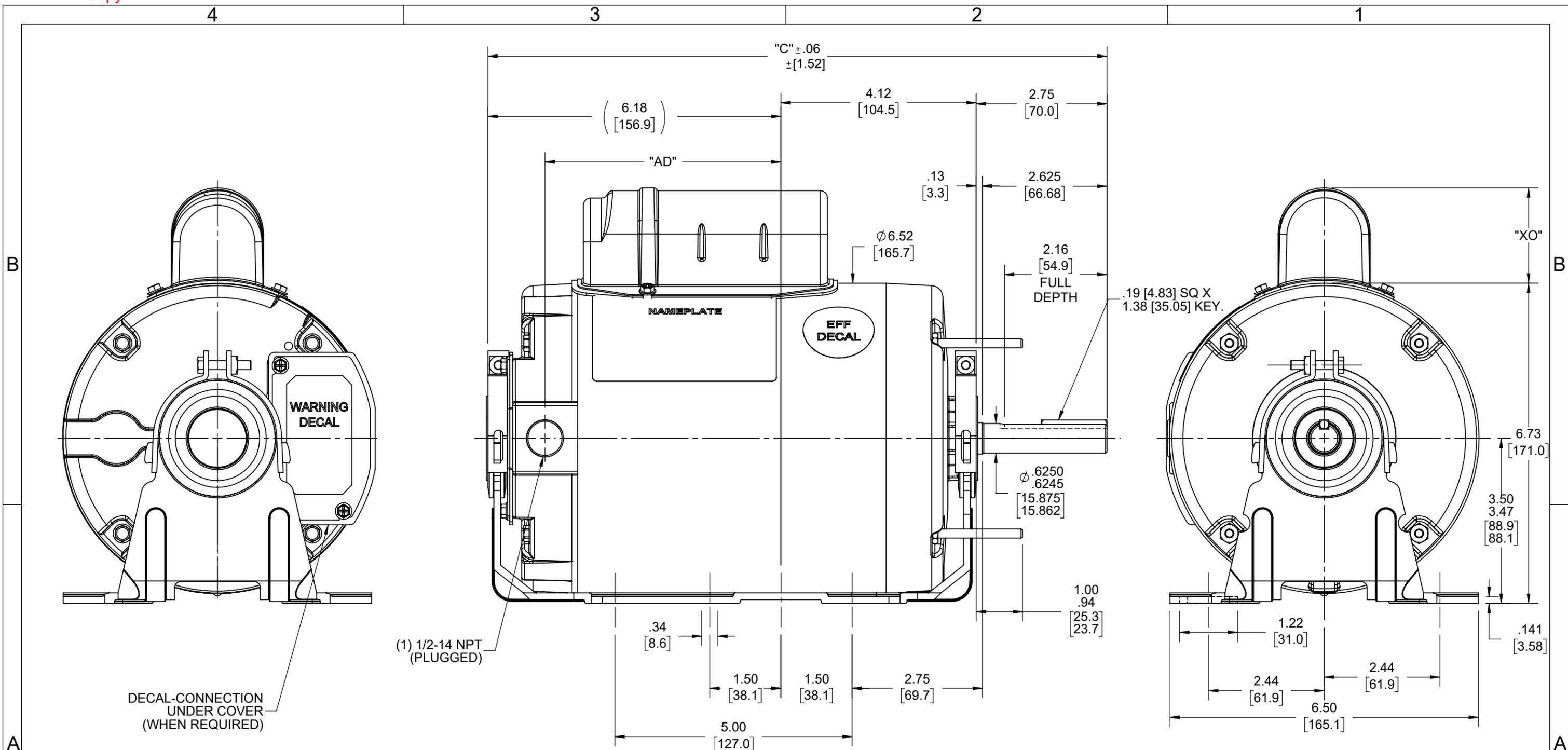


### Nameplate Specifications

Phase	1	Output HP	0.50 Hp
Output KW	0.37 kW	Voltage	115/230 V
Speed	1075 rpm	Service Factor	1.0
Frame	56HZ	Enclosure	Totally Enclosed Air Over
Thermal Protection	Automatic	Efficiency	62 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	6.0/3.0 A	Power Factor	85.4
Duty	Continuous	Insulation Class	B
Design Code	N	KVA Code	D
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	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Selective Counterclockwise
Resistance Main	0 Ohms	Mounting	Resilient Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Single Special Extension	Overall Length	13.60 in
Frame Length	7.00 in	Shaft Diameter	0.625 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	028752-700B	Connection Drawing	005109.01

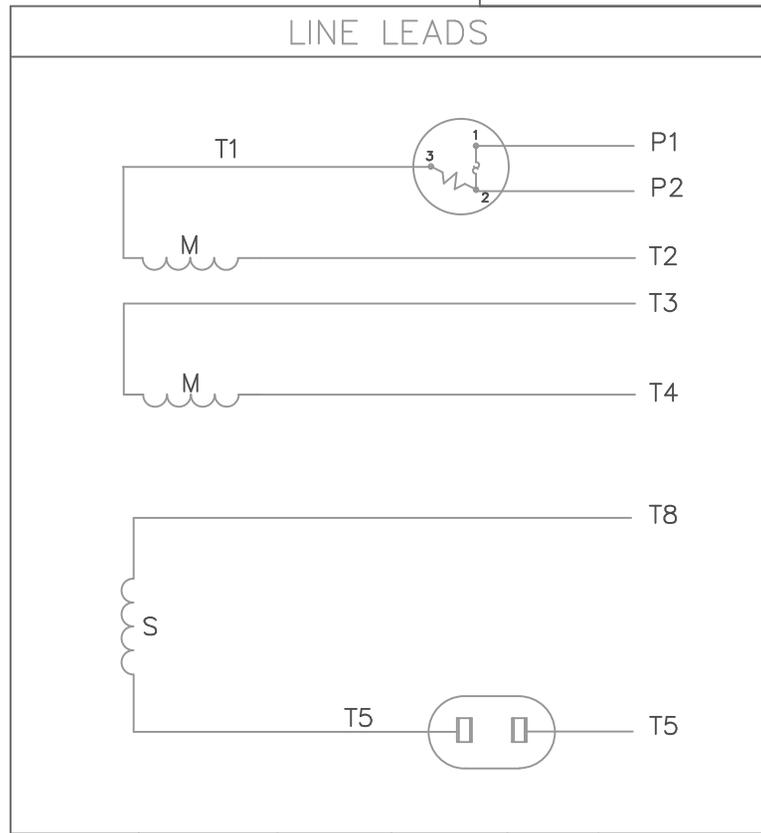
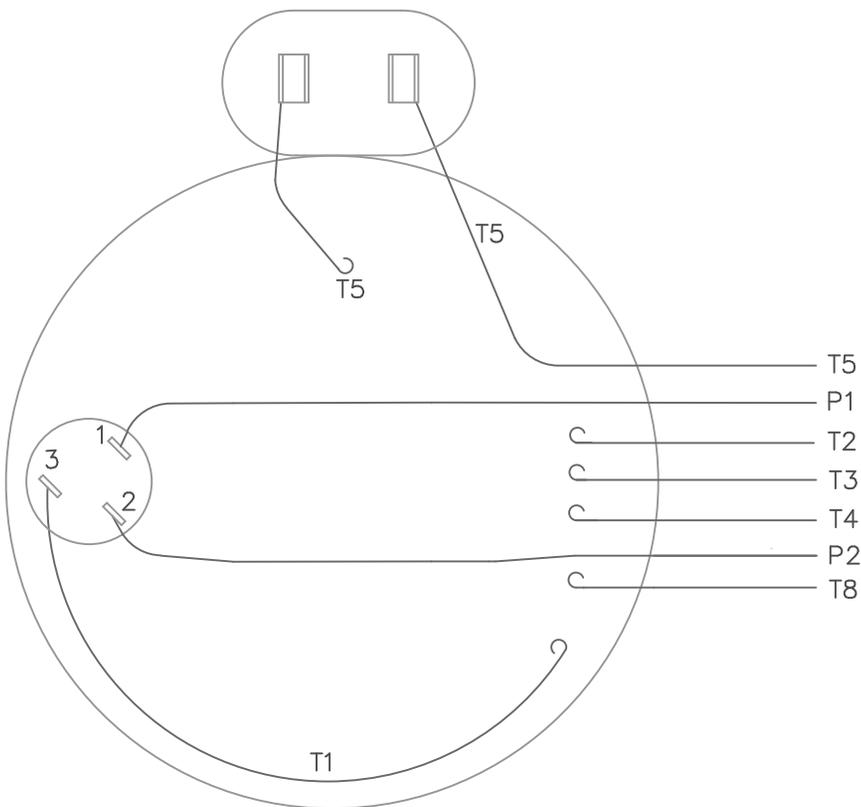


NOTE:-  
1) GASKET THROUGHOUT.

DASH NO.	"C"	"AD"		
550	12.05 [306.07]	3.97 [100.84]		
600	12.55 [318.77]	4.47 [113.54]	CAP DASH.	"XO"
650	13.05 [334.47]	4.97 [126.24]	A	1.54 [39.12]
700	13.55 [344.17]	5.47 [138.94]	B	2.01 [51.05]
750	14.05 [356.87]	5.97 [151.64]	C	2.25 [57.15]

DRAWING REVISION J	REVISION BY PRASHANTH	REV DATE/© DATE 09/27/2022	TOLERANCES (EXCEPT AS NOTED): DEC. INCH mm ANGLE .X ±0.1 [±3] ±0.5° .XX ±0.03 [±0.8] .XXX ±0.005 [±0.13] .XXXX ±0.0005 [±0.013] REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45° CORNER FILLETS: R.02 [.5] MACHINED SURFACES: 125/ 3.2/ INCH mm mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY	DRAWN BY RDW	Regal Beloit America, Inc.
REQUEST NUMBER ECR-0221148	APPROVED BY PRADEEP	DATE 09/27/2022		DATE 03/17/06	
REQUEST NUMBER DESCRIPTION ADDED WARNING DECAL				APPROVED BY SW	DESCRIPTION OUTLINE
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				REFERENCE 028752	MATERIAL
			THIRD ANGLE PROJECTION	SIZE B	DRAWING NUMBER 028752
					SHEET 1 OF 1

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



	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 OTHERWISE SPECIFIED			<b>LEESON</b> ELECTRIC CORPORATION				
				DEC.	INCHES	METRIC					DRAWN JRW 10/01/75
				.X	±	±	APPR. JBM 10/02/75		EXTERNAL WIRING DIAGRAM		
				.XX	±	±	R.F.P.		TYPE "P" W/PROTECTOR		
08	REDRAWN ON CAD	DBT 05/28/97		.XXX	±	±	SCALE 1=1		MAT'L. DECAL - 004011		
NO.	REVISION	BY & DATE		CH'K'D.	.XXXX	±	REF. 005003		FINISH		
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				FRACTIONS		±	REF. W-P5567		REV. 08		DRAWING NO. 005109-01
				ANGLES		±					



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

**CERTIFICATION DATA SHEET**

**CONN. DIAGRAM:** 005109.01  
**OUTLINE:** 028752-700B  
**WINDING #:** P63635 NR 3 A

**CATALOG #:** 111321.00  
**MOUNTING:** F1 ONLY

**TYPICAL MOTOR PERFORMANCE DATA**

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/2	0.37	1200	1075	56HZ	TEAO	D	N

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	115/230	6/3	ACROSS THE LINE	CONTINUOUS	B4	1.0	40

FULL LOAD EFF:	62	3/4 LOAD EFF:	57.7	1/2 LOAD EFF:	47.8	GTD. EFF		ELEC. TYPE	
FULL LOAD PF:	85.4	3/4 LOAD PF:	83.1	1/2 LOAD PF:	77.4	57.5		PSC 1 SPEED	

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
2.36 lb-ft	17.8 / 8.9	1.71 lb-ft 0 %	4.13 lb-ft 0 %	0

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
54 dBA	64 dBA	0.13 LB-FT^2	0 LB-FT^2	10 SEC.	0	37 LBS.

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

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RESILIENT BASE	HORIZONTAL	FALSE	NONE	FALSE	NONE	GRAY - LIGHT (EPOXY)

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

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	AUTOMATIC	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

