

PRODUCT INFORMATION PACKET



Model No: A009595.00
Catalog No: A009595.00
Agricultural Motor, 2 HP, 1 Ph, 60 Hz, 230 V, 1800 RPM, 145T Frame, TEAO



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Nameplate Specifications

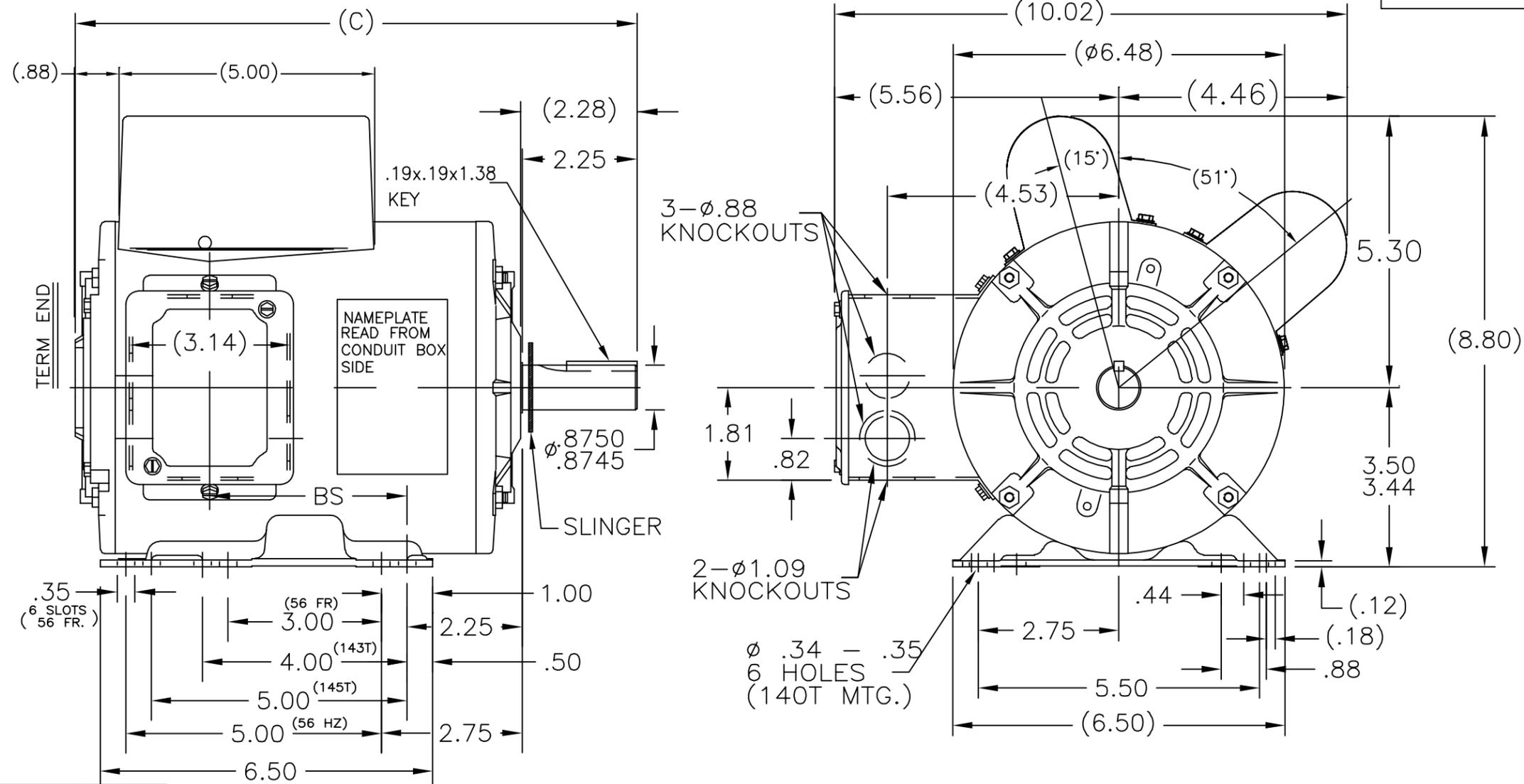
Output HP	2 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	230 V
Current	9.2 A	Speed	1749 rpm
Service Factor	1	Phase	1
Efficiency	81.6 %	Power Factor	86.3
Duty	Continuous	Insulation Class	B
Design Code	L	KVA Code	J
Frame	145T	Enclosure	Totally Enclosed Air Over
Thermal Protection	Automatic	Ambient Temperature	40 °C
Drive End Bearing Size	6205	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 Capacitor 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	T	Overall Length	13.49 in
Frame Length	9.56 in	Shaft Diameter	0.875 in
Shaft Extension	2.25 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	102006_58_LE	Outline Drawing	108106-956

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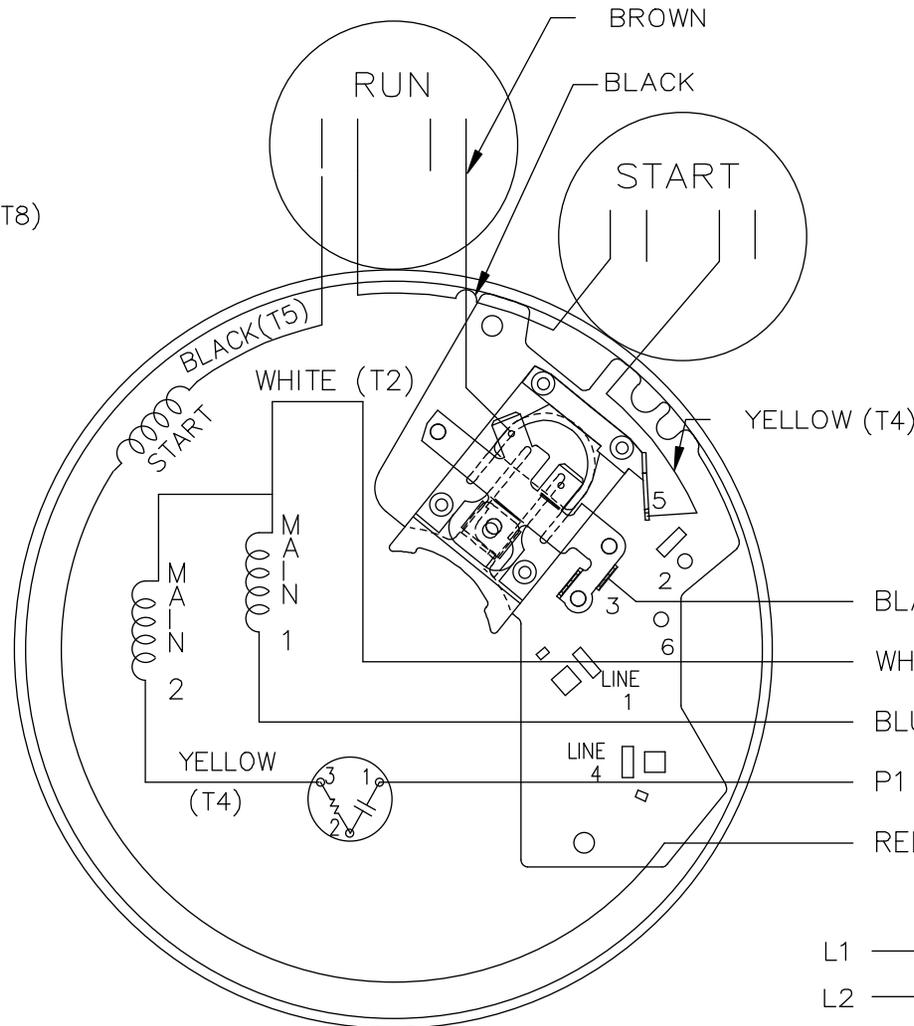
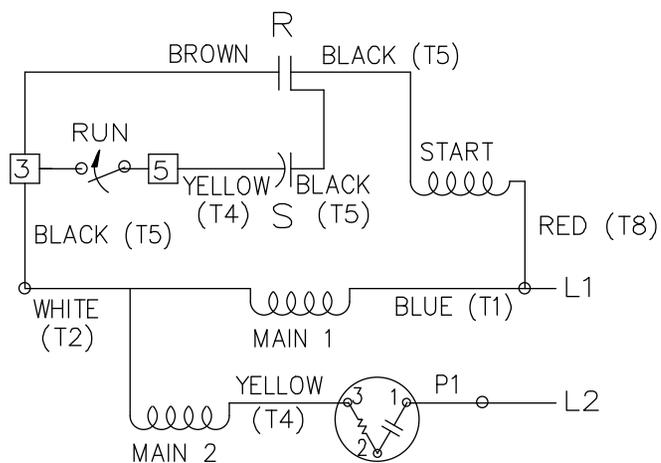


DASH	C	BS
706	10.99	3.86
756	11.49	4.36
856	12.49	5.36
906	12.99	5.86
956	13.49	6.36

NOTE:
1. CONDUIT BOX CAN BE ROTATED 180°

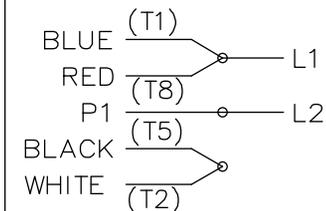
		TOLERANCES UNLESS SPECIFIED		LEESON	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN KR 09-30-2013					
		DEC.	INCHES			CHK SM 09-30-2013	APPD				
		.X	±.1	TITLE	OUTLINE - 140T & 56HZ FRAME RIGID MOUNT - TENV ENCLOSED	SCALE	1:1				
		.XX	±.03			REF	105626				
		.XXX	±.005			FMF	MU115192				
		.XXXX	±.0005			PREV					
A	ADDED NAMEPLATE LOCATION PER ECO-0067603	UD	12/15/14	PI	MAT'L.						
NO.	REVISION	BY & DATE	CHK	ANG	FINISH						
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HIGH VOLTAGE C.C.W.

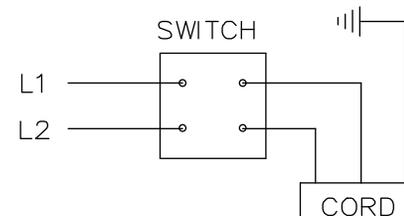


HIGH VOLTAGE CAPACITOR START OVERLOAD SELECT ROTATION.

HIGH VOLTAGE C.C.W. ROTATION



FOR C.W. ROTATION INTERCHANGE RED(T8) AND BLACK(T5) LEADS



NOTE: USE T TERMINALS WHEN CALLED IN BOM

			TOLERANCES UNLESS SPECIFIED		LEESON	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN HLB 04-28-2004	
			DEC.	INCHES			CHK	ML 05-04-2004
			.X	± -	TITLE CONNECTION DIAGRAM		APPD	GK 05-04-2004
			.XX	± -			SCALE	5=8
			.XXX	± -			REF	
			.XXXX	± -			FMF	CN 38017
01	ADDED T TERMINAL	UD 09/27/13	MA	.XXXX ± -	MAT'L.			
NO.	REVISION	BY & DATE	CHK	ANG ± -	FINISH			
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1051 CHEYENNE AVE.
GRAFTON, WI 53024
PH. 262-377-8810

CERTIFICATION DATA SHEET

CONN. DIAGRAM: A-102006_58_LE
OUTLINE: A-108106-956
WINDING #: ZB411 R2 6

CATALOG #: A009595.00
MOUNTING: F1 ONLY

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
2	1.49	1800	1749	145	TEAO	J	L

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	230	9.2	ACROSS THE LINE	CONTINUOUS	B3	1.0	40

FULL LOAD EFF:	81.6	3/4 LOAD EFF:	81	1/2 LOAD EFF:	77.1	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	86.3	3/4 LOAD PF:	81.6	1/2 LOAD PF:	73.1	78.5	CAP START CAP RUN

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
6.02 LB-FT	65.7	18.84 LB-FT 0 %	15.31 LB-FT 0 %	76.5

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0 LB-FT^2	0 LB-FT^2	10 SEC.	0	50 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	GRAY - LIGHT

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
6205	6203						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	AUT LCK RTR ONLY	NONE	NONE	NONE	FALSE	NONE VOLTS

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

