

PRODUCT INFORMATION PACKET



Model No: 110493.00
Catalog No: 110493.00
Agricultural Motor, 0.75 HP, 1 Ph, 60 Hz, 115/230 V, 1800 RPM, 56C Frame, TEFC

Operational at 115/208-230 V @60HZ



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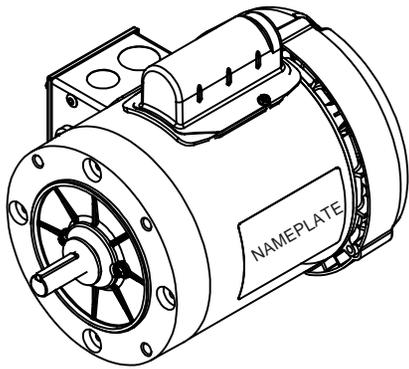
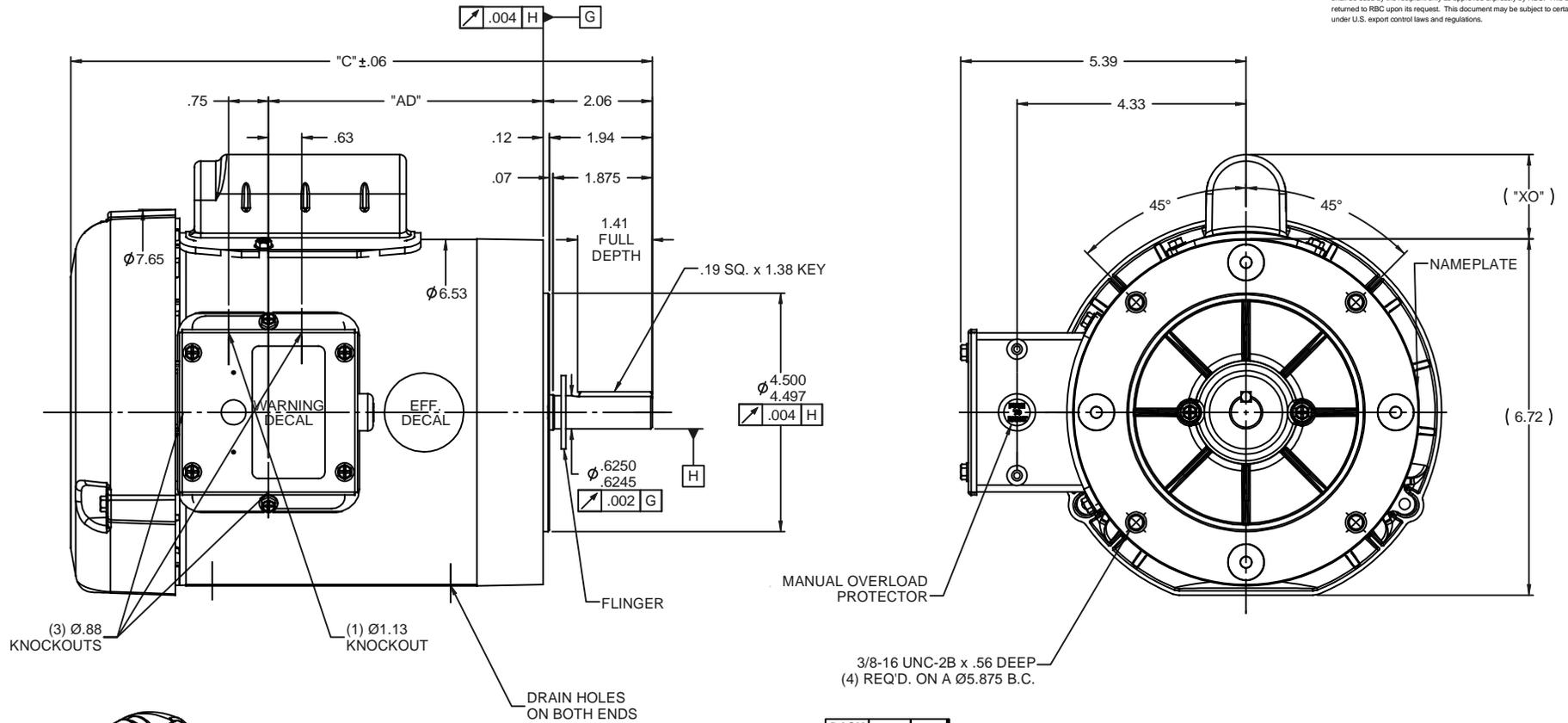


Nameplate Specifications

Phase	1	Output HP	0.75 Hp
Output KW	0.56 kW	Voltage	115/230 V
Speed	1725 rpm	Service Factor	1.15
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Efficiency	70 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	10.8/5.4 A	Power Factor	64
Duty	Continuous	Insulation Class	B
Design Code	N	KVA Code	L
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	2.6 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	11.48 in
Frame Length	6.00 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	028865-600B	Connection Drawing	005003.03



DASH NO.	"C"	"AD"	CAP DASH.	"XO"
550	10.98	5.19		
600	11.48	5.59		
650	11.98	6.19		
700	12.48	6.69		
750	12.98	7.19	A	1.61
800	13.48	7.69	B	2.08
850	13.98	8.19	C	2.32

NOTES:
 1) GASKETS THROUGHOUT

REVISION		BY & DATE	CHK	ANG	FINISH	SIZE	DRAWING NO	REV
01	ADDED "XO" TABLE	GRB 12/10/2008	DJ	XXX	MATL	B	028865	01
THIRD ANGLE PROJECTION								

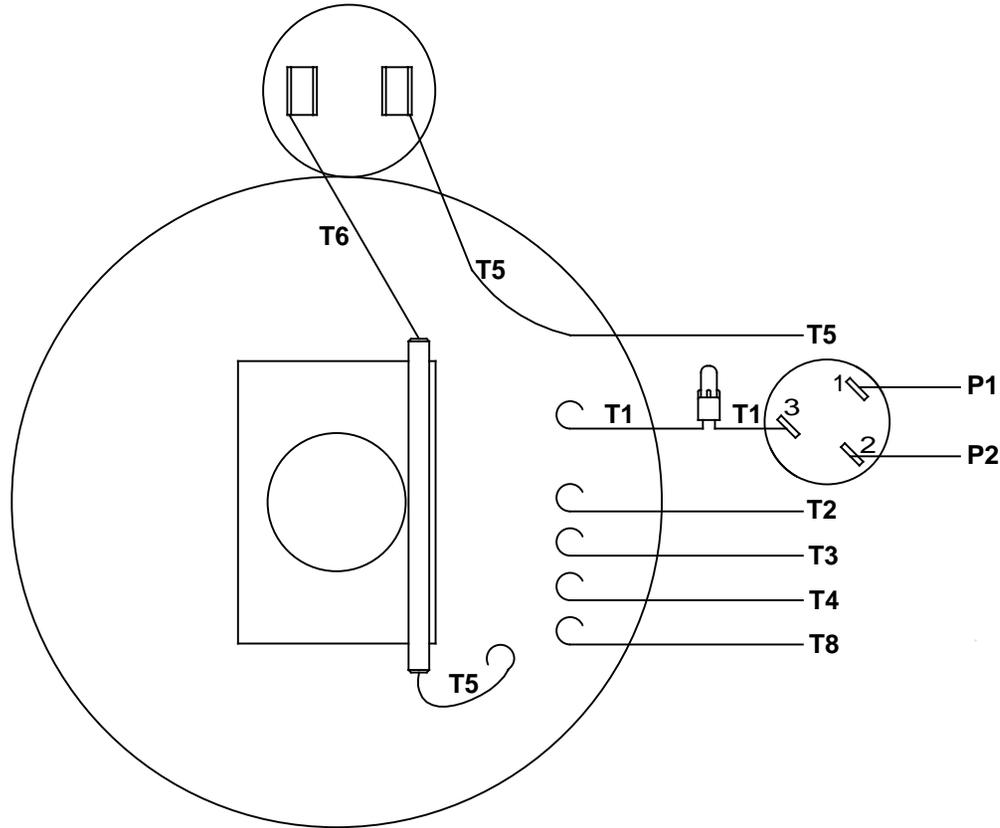


**ELECTRIC MOTORS
 GEARMOTORS
 AND DRIVES**

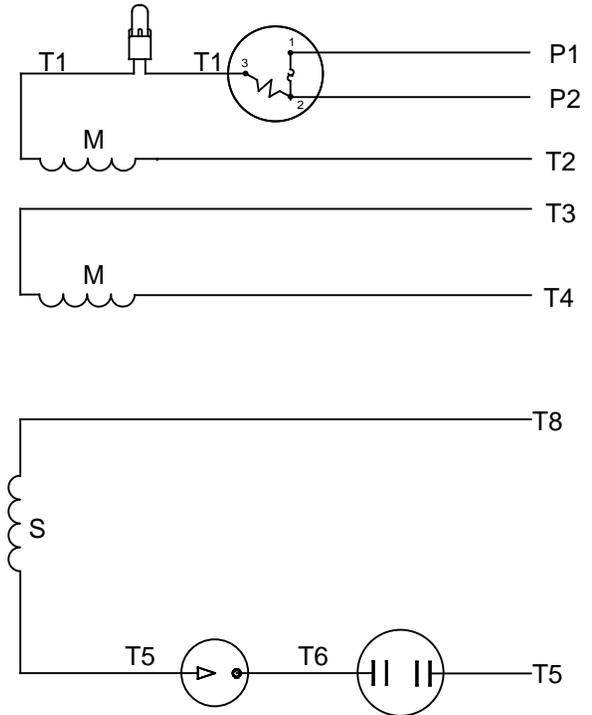
DRAWN GRB 08/18/2008
 CHK DJ 08/18/2008
 APPR

TOLERANCES UNLESS SPECIFIED:
 DEC INCHES
 X ±.1
 .XX ±.03
 .XXX ±.005
 .XXX ±.0005
 TITLE OUTLINE - 56C FRAME
 TEFC - "C" FACE FARM DUTY
 REF 033641
 FMF 110492.00
 SCALE 1:2

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		LEESON	ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN WLV 08/20/79		
NO	REVISION	BY & DATE	CHK ANG			CHK	APPR	SCALE
			DEC INCHES				1:1	
			.X ±.1					
			.XX ±.01					
06	REDRAWN IN SOLIDWORKS	VJB 7/22/2011	.XXX ±.005		TITLE EXTERNAL WIRING DIAGRAM TYPE "C" W/PROTECTOR			
05	REDRAWN ON CAD	DBT 05/27/97	.XXXX ±.0005		MAT'L DECAL - 004011			
			±1/2°		FINISH			
THIRD ANGLE PROJECTION				RFP	PREV	SIZE	DRAWING NO	REV
				NETWORK FILE NAME	00500303	A	005003-03	06



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

CERTIFICATION DATA SHEET

CONN. DIAGRAM: 005003.03
OUTLINE: 028865-600B
WINDING #: C634258 FR 3 A

CATALOG #: 110493.00
MOUNTING: F1 ONLY

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
3/4	0.56	1800	1725	56C	TEFC	L	N

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	115/208-230	10.8/5.4	ACROSS THE LINE	CONTINUOUS	B4	1.15	40

FULL LOAD EFF:	70	3/4 LOAD EFF:	67.8	1/2 LOAD EFF:	61.3	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	64	3/4 LOAD PF:	55.3	1/2 LOAD PF:	44.6	66	CAP START IND RUN

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
35.94 OZ-FT	60.2 / 30.1	114.48 OZ-FT 0 %	98.47 OZ-FT 0 %	78

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
54 dBA	64 dBA	0.08 LB-FT^2	0 LB-FT^2	10 SEC.	0	28 LBS.

***** SUPPLEMENTAL INFORMATION *****

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	ROUND	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

* N O T E S *	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

