

PRODUCT INFORMATION PACKET



Model No: 116487.00

Catalog No: 116487.00

General Purpose 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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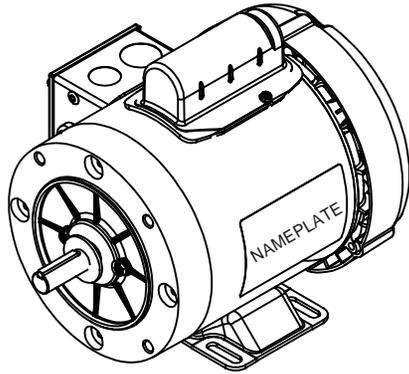
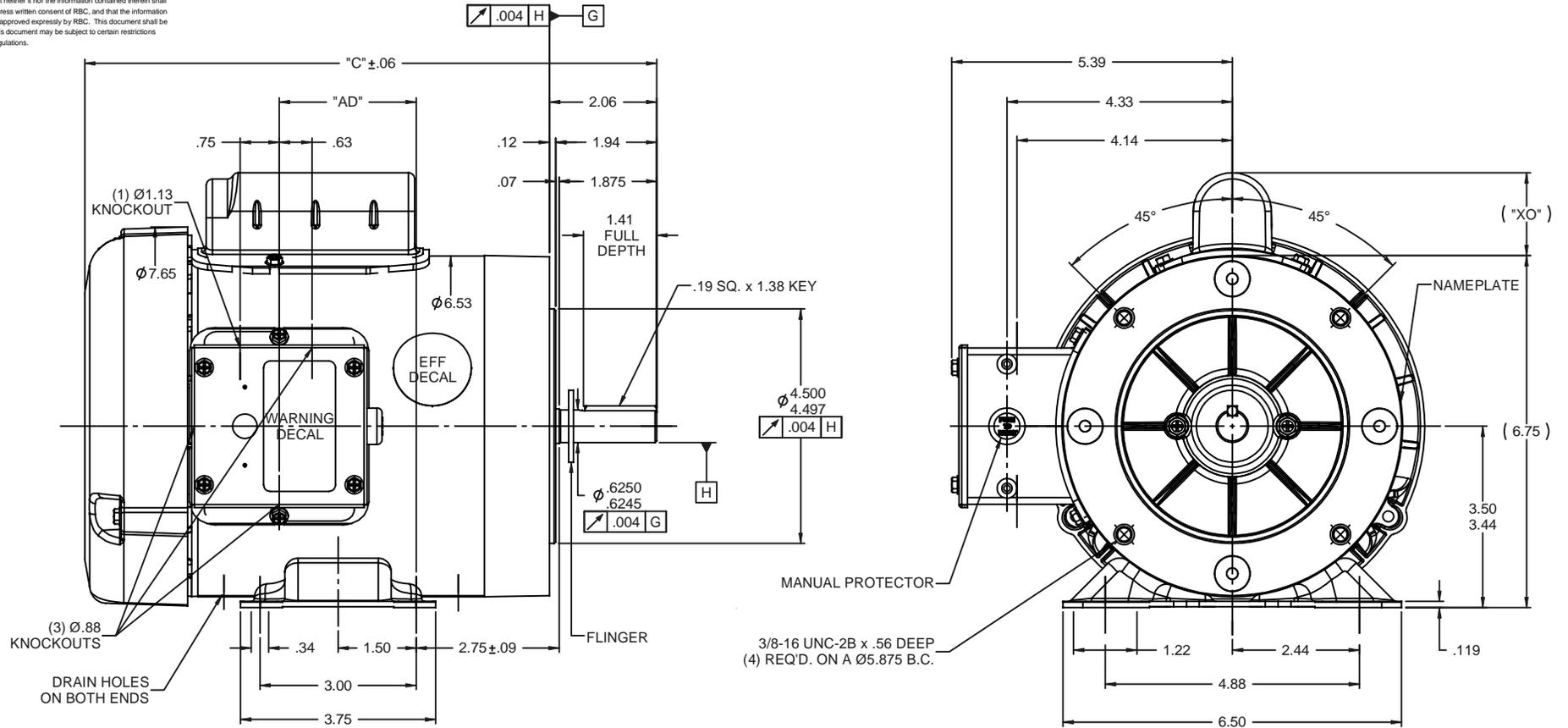
Nameplate Specifications

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	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	11.49 in
Frame Length	6.00 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	028914-600B	Connection Drawing	005003.03

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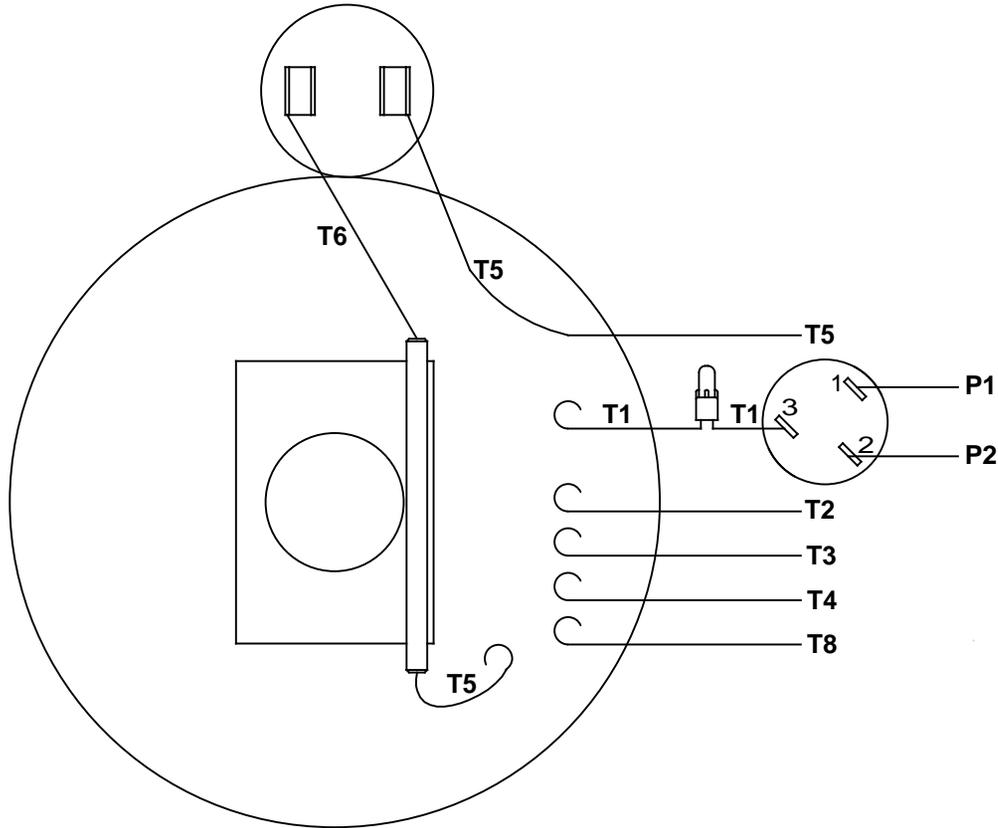


DASH NO.	"C"	"AD"	CAP. DASH	"XO"
550	10.99	2.63		
600	11.49	3.13		
650	11.99	3.63	A	1.61
700	12.49	4.13	B	2.08
750	12.99	4.63	C	2.32
800	13.49	5.13		

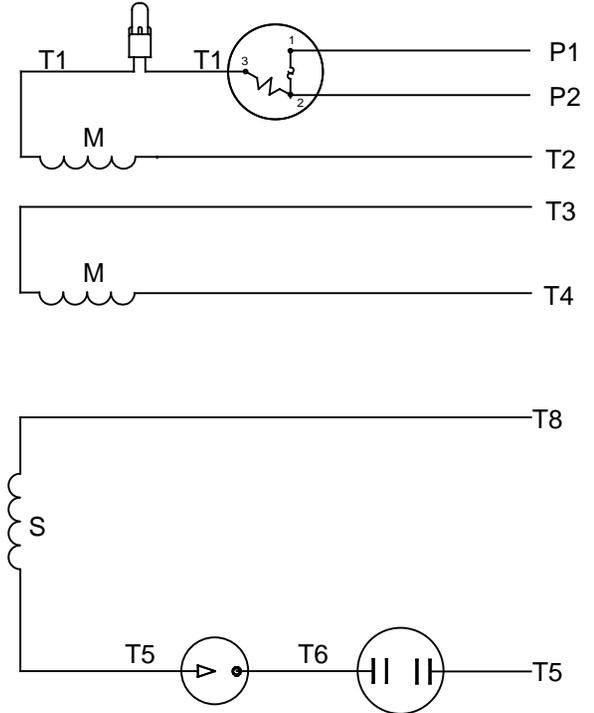
- SPECIAL FEATURES:
 1) GASKETS THROUGHOUT
 2) MANUAL PROTECTOR
 3) FLINGER ON SHAFT

REVISION		BY & DATE	CHK	ANG	±1/2"	FINISH	ELECTRIC MOTORS GEARMOTORS AND DRIVES		DRAWN	GRB	12/05/08
THIRD ANGLE PROJECTION			RFP	12/05/08	PREV		LEESON		CHK	DJ	12/05/08
							TITLE		APPR	DJ	12/05/08
							OUTLINE - 56C FRAME		SCALE		
							TEFC - RIGID "C" FACE		REF		
							MATL FARM DUTY		116486.00		
									PAGE 1 OF 1		
									REV		
									DRAWING NO		
									028914		
									REV		

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
		.XXX	±.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

CATALOG #: 116487.00

CONN. DIAGRAM: 005003.03

OUTLINE: 028914-600B

MOUNTING: F1 ONLY

WINDING #: C634258 FR 3 A

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	29 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	RED - LEESON FARM DUTY

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

