

PRODUCT INFORMATION PACKET



Model No: 113281.00

Catalog No: 113281.00

Pressure Washer Motor, 2 HP, 1 Ph, 60 Hz, 115/230 V, 1800 RPM, 56HC Frame, DP

Operational at 115/208-230 V @60HZ



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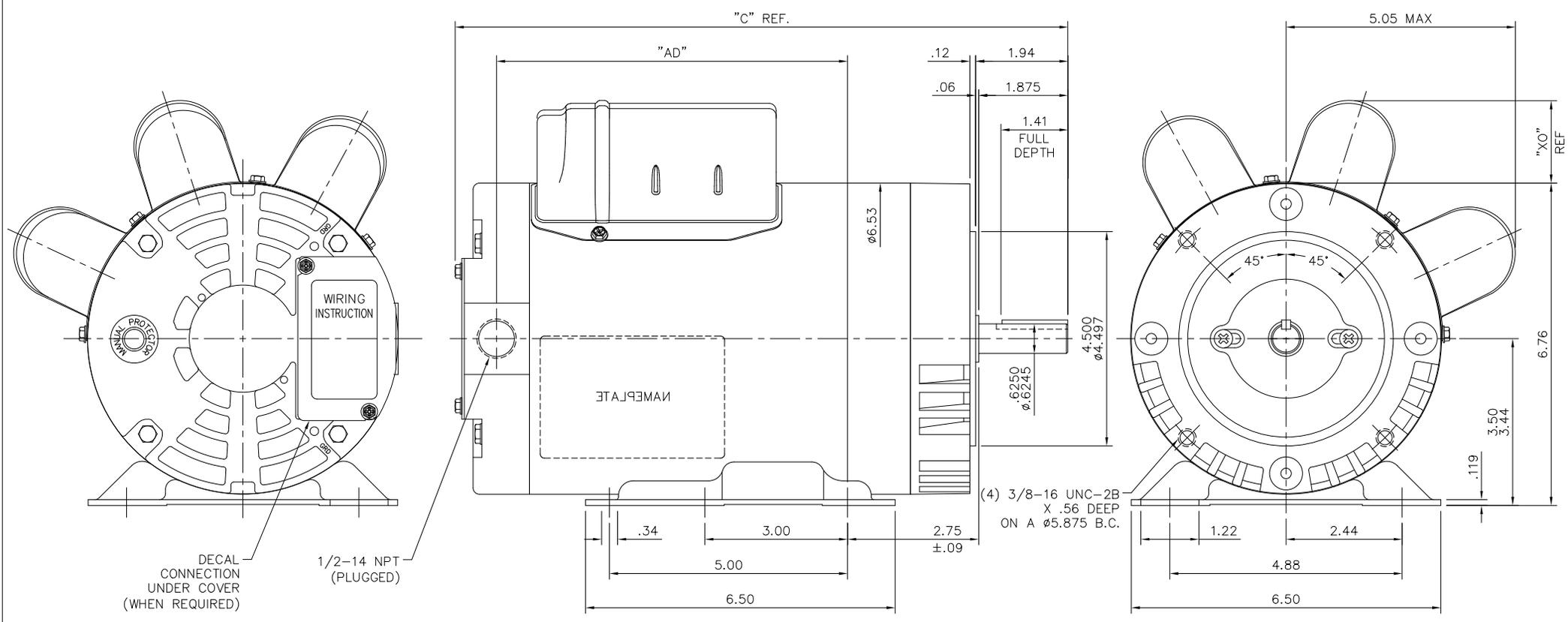


Nameplate Specifications

Phase	1	Output HP	2 Hp
Output KW	1.5 kW	Voltage	115/230 V
Speed	1725 rpm	Service Factor	1.15
Frame	56HC	Enclosure	Drip Proof
Thermal Protection	Manual	Efficiency	79 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	17.2/8.6 A	Power Factor	95
Duty	Continuous	Insulation Class	B
Design Code	L	KVA Code	J
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized (Not Protector)	CSA	Y
CE	N	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	1.12 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	12.87 in
Frame Length	8.00 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	028756-800B	Connection Drawing	005053.11



DASH NO.	"C"	"AD"	CAP. DASH	"XO"
700	11.87	6.38	A	1.25
750	12.37	6.88	B	1.75
800	12.87	7.38	C	2.00
850	13.37	7.88		

MAXIMUM FACE RUNOUT .004 T.I.R.
 MAXIMUM PILOT ECCENTRICITY .004 T.I.R.
 PERMISSIBLE SHAFT RUNOUT .002 T.I.R.



ELECTRIC MOTORS
 GEARMOTORS
 AND DRIVES

DRAWN	RDW 8/4/06
CHK	
APPD	SW 8/4/06
SCALE	1=2
REF	034030
FMF	113281
PREV	

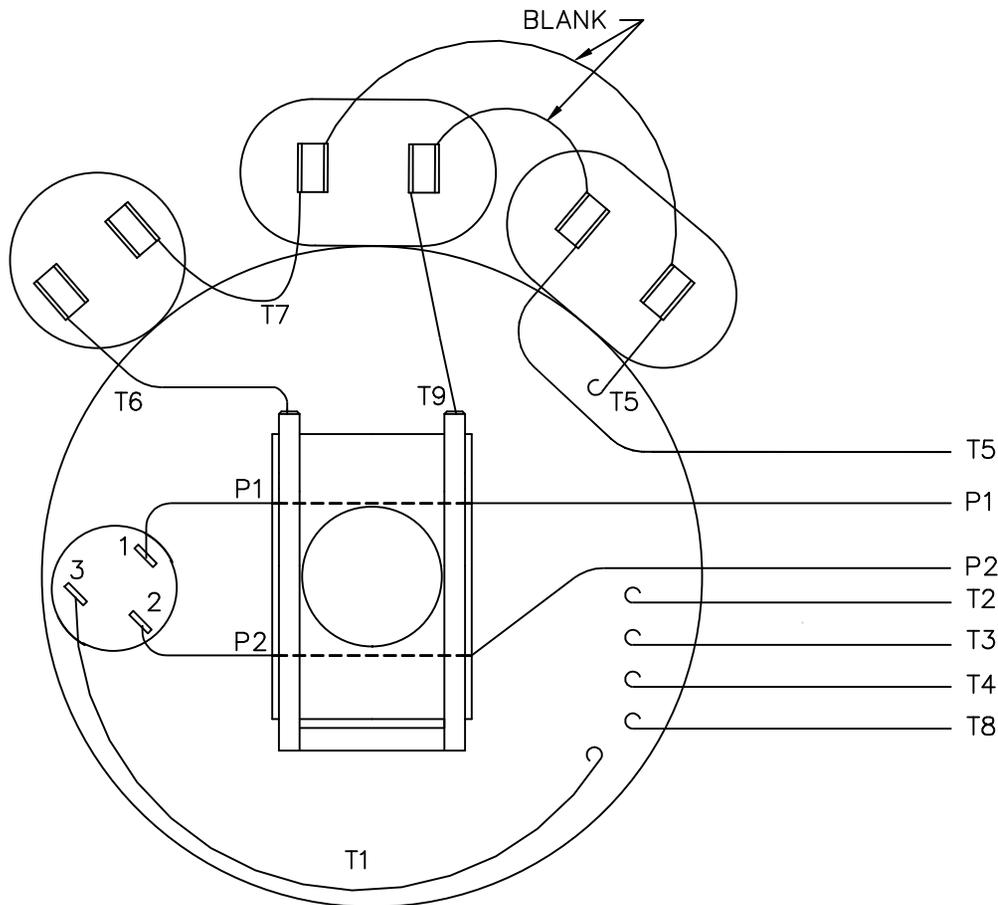
ORACLE REV	002
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F NO.	REVISION	BY & DATE	CHK	ANG
F	ADDED "WHEN REQUIRED" PER ECR-0215721	ARV 2/23/22	LT	.XXXX ±.0005

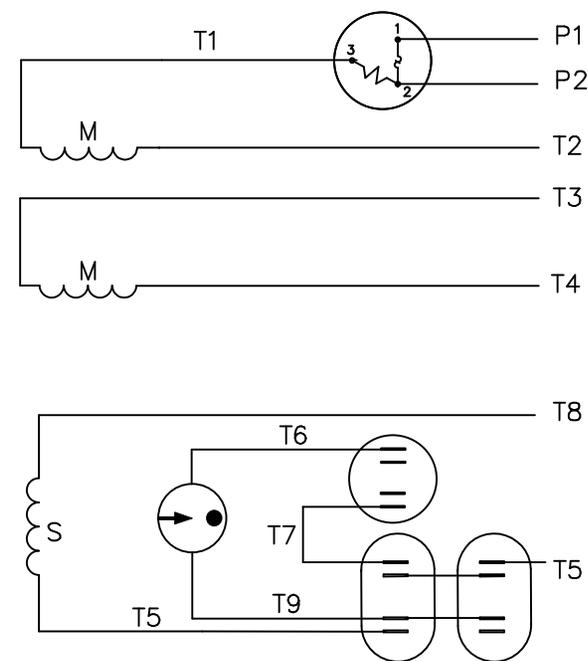
TOLERANCES UNLESS SPECIFIED		FINISH	
DEC.	INCHES	RFP	DIST
.X	±.1		
.XX	±.03		
.XXX	±.005		
.XXXX	±.0005		
±1/2"			

CAD FILE	028756	SIZE	DRAWING NO.	REV.
		B	028756	F

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



	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		LEESON ELECTRIC CORPORATION					
				DECIMALS							
				.00	± .01	DRAWN	TEM	TITLE EXT. WIRING DIAGRAMS TYPE "K" W/PROTECTOR			
02	REMOVED P2 FROM WDG	DWF	RDW	09/24/99	.000	± .005	CH'K'D.				
01	REDRAWN ON CAD, PROT. WAS IN SIDE BOX		DBT	08/13/97	.0000	± .0005	APPR. 04/20/88	MAT'L. DECAL - 004011			
NO.	REVISION		BY	DATE	FRACTIONS	± 1/64	SCALE 1=1				
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				ANGLES	± 1/2"	REF.	PG.11	FINISH	QUINTON	SIZE	DRAWING NO.
				INCH/MM		FMF	W-K63466-4		A	005053-11	

BRF



CERTIFICATION DATA SHEET

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

CONN. DIAGRAM: 005053.11

CATALOG #: 113281.00

OUTLINE: 028756-800B

MOUNTING: F1 ONLY

WINDING #: K634310 DR 3 C

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
2	1.49	1800	1725	56HC	DP	J	L

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	115/208-230	17.2/8.6	ACROSS THE LINE	CONTINUOUS	B4	1.15	40

FULL LOAD EFF:	79	3/4 LOAD EFF:	75.4	1/2 LOAD EFF:	67.6	GTD. EFF		ELEC. TYPE	
FULL LOAD PF:	95	3/4 LOAD PF:	89.9	1/2 LOAD PF:	84.1	75.5	CAP START CAP RUN		

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
6 LB-FT	133 / 66.5	14.8 LB-FT 247 %	17 LB-FT 284 %	50

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	48 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	BLUE - LEESON (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

