

PRODUCT INFORMATION PACKET



Model No: 048A11T2008

Catalog No: X411

Other Purpose Motor, 0.17 HP, 1 Ph, 60 Hz, 208-230 V, 1200 RPM, 48Z Frame, TEAO



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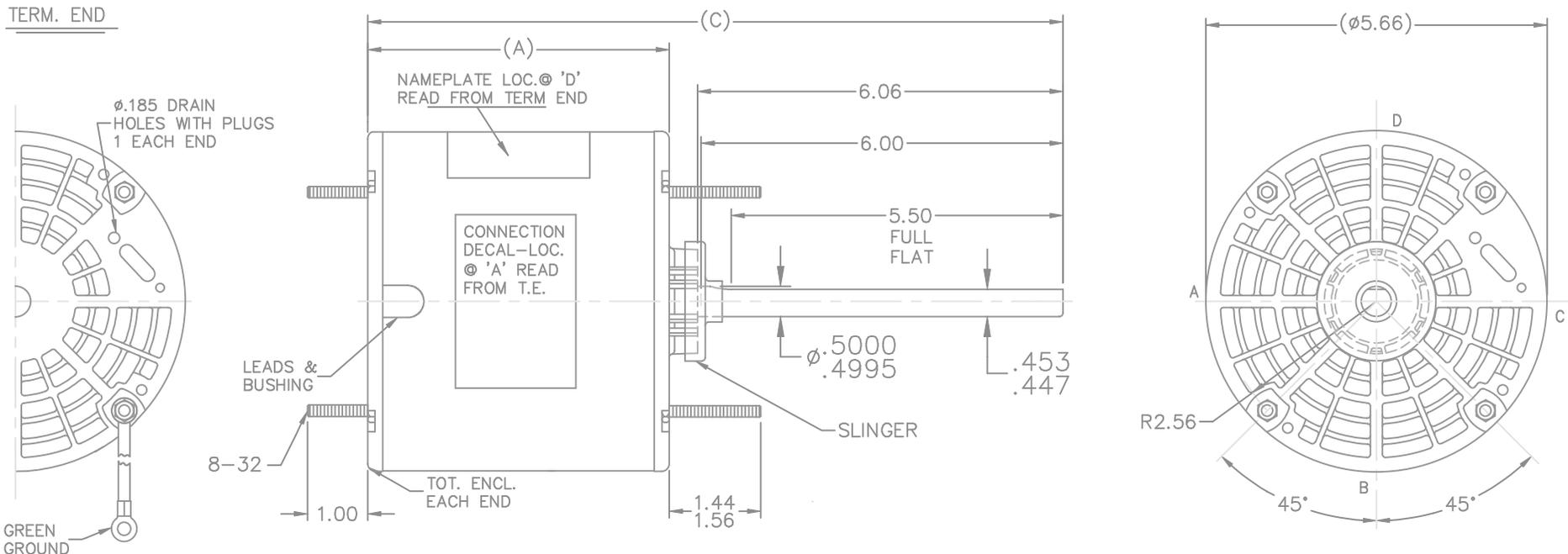
Nameplate Specifications

Phase	1	Output HP	0.17 Hp
Output KW	0.13 kW	Voltage	208-230 V
Speed	1075 rpm	Service Factor	1
Frame	48Z	Enclosure	Totally Enclosed Air Over
Thermal Protection	Automatic	Efficiency	57.5 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	1.3-1.1 A	Power Factor	83
Duty	Continuous	Insulation Class	B
Design Code	NO DESIGN CODE	KVA Code	C
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	Round - Extended Studs
Motor Orientation	Horizontal Or Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Single Special Extension	Overall Length	10.25 in
Frame Length	3.25 in	Shaft Diameter	0.500 in
Shaft Extension	6.06 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	6906496	Outline Drawing	A-SS403717-325

TERM. END



DASH	FRAME	C	A
325	48Y	10.25	3.75
375	48Y	10.75	4.25
425	48Y	11.25	4.75
450	48Y	11.50	5.00
475	48Y	11.75	5.25

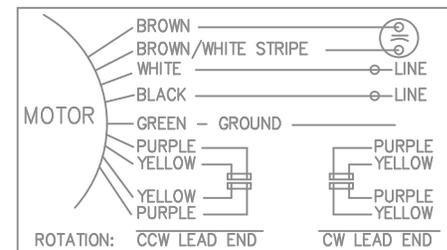
LEAD DESCRIPTION:

1 WHITE, 1BLACK, BARE WIRE STRIPPED .50, 30.00" LONG

1 BROWN AND 1 BROWN WITH WHITE MARK WITH .25 FLAG TYPE QUICK CONNECT 30.00" LONG. BROWN LEAD WITH WHITE MARK IS COMMON TO WHITE.

PURPLE AND YELLOW REVERSING LEADS ARE MOLDED INTO MATING PULL APART PLUGS 5.00" LONG.

GREEN GROUND WITH TERM. FOR #10 SCREW 12.00" LONG.



TOLERANCES UNLESS SPECIFIED

DEC. INCHES

.X ±.1

.XX ±.03

.XXX ±.005

.XXXX ±.0005

ANG ±7'30"



TITLE OUTLINE

MAT'L.

FINISH

DRAWN GRB 05-15-2008

CHK SP 05-15-2008

APPD SP 05-15-2008

SCALE 3=8

REF SS74406

FMF

PREV

NO.	REVISION	BY & DATE	CHK	ANG

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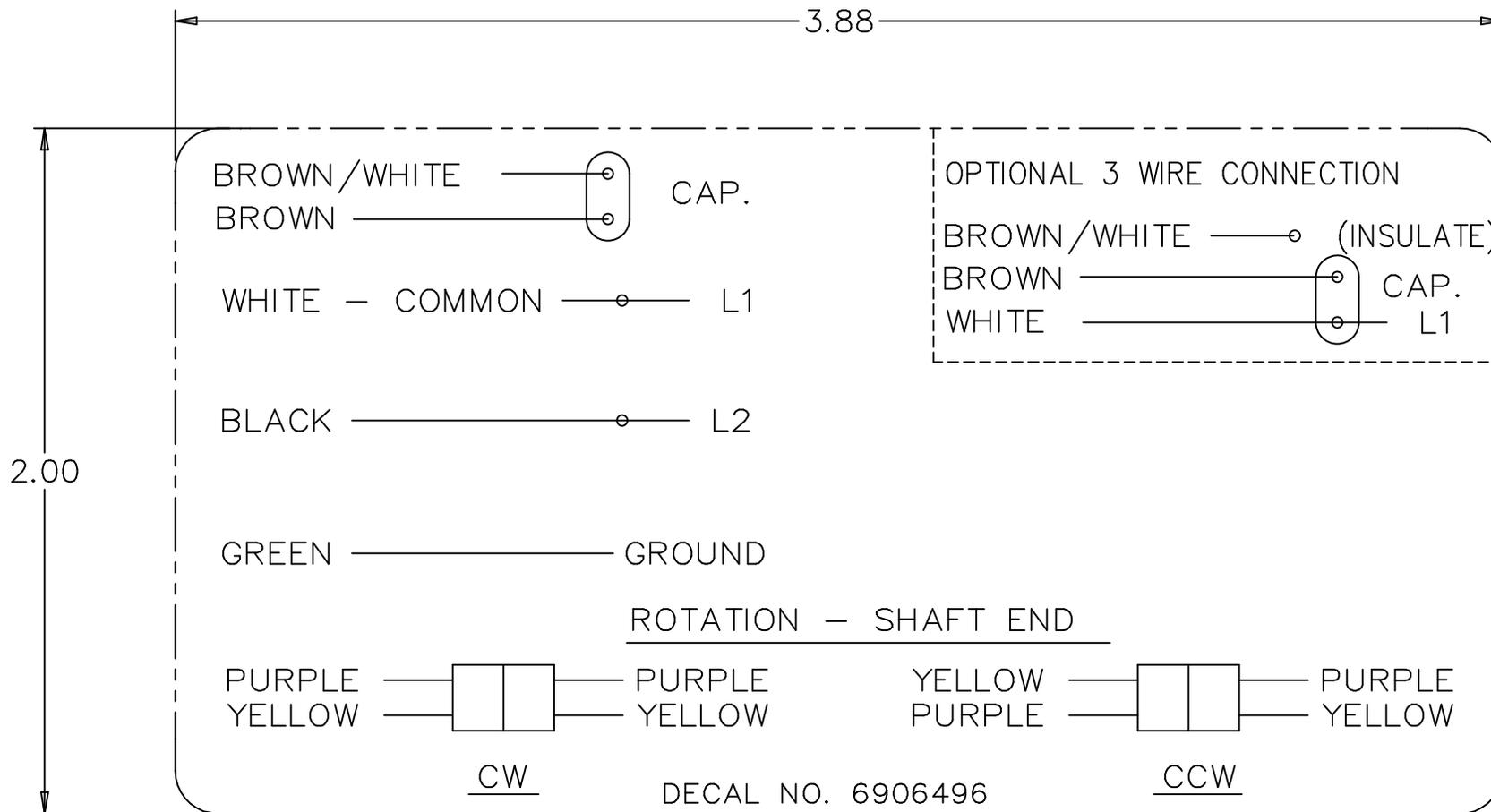
RFP 05-15-2008

DIST WP

CAD FILE ss403717

SIZE DRAWING NO. PAGE OF REV.

A SS403717



NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWING NO.	PAGE	OF	REV.		
				DEC.	INCHES							
4	ADDED DIM. TO DECAL	RDH 09/22/2003	ML	.X	±.1	REGAL-BELOIT <i>Motor Technologies</i>	DRAWN MRB 04-16-1998					
3	REMOVED 'MARATHON ELECTRIC' CN 35106	DRS 05-01-2002	TOM	.XX	±.02		CHK ML 04-22-1998					
2	PART NAME WAS CONNECTION DIAGRAM CN 25669	MRB 04-23-1998		.XXX	±.005		APPD GK 04-22-1998					
1	NEW DRAWING CN 25669	MRB 04-22-1998		.XXXX	±.0005		SCALE 1=1					
						MAT'L.	REF					
							FMF					
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			DIST	WP			A	6906496				4

CERTIFICATION DATA SHEET

Model#: 48A11T2008 G
CONN. DIAGRAM: 6906496
OUTLINE: A-SS403717-325

WINDING#: PE4861284 NONE 2
ASSEMBLY: F1 ONLY

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/6	0.13	1200	1075	48Z	TEAO	C	NO DESIGN CODE

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60	208-230	1.25-1.1	ACROSS THE LINE	CONTINUOUS	B3	1.0	40	3300

FULL LOAD EFF: 57.5	3/4 LOAD EFF: -	1/2 LOAD EFF: -	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 83	3/4 LOAD PF: -	1/2 LOAD PF: -	0	PSC 1 SPEED	.8

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
12.7 LB-FT	2.7	2.68 LB-FT -	18.9 LB-FT -	80

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

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

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	ROUND-EXTENDED STUDS	HORIZONTAL OR SHAFT DOWN	FALSE	NONE	FALSE	NONE	GRAY (POWDER)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL	BEACON 325	SGL SPL EXT	0.500 x 6.00 IN SEF WITH 5.50 IN FULL FLAT	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL
6203	6203						

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

If Inverter equals NONE, contact factory for further information

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

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 ** Subject to change without notice.



MARATHON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at 230 Volts
60 HZ
0.167 HP

HP 0.167

PHASE 1

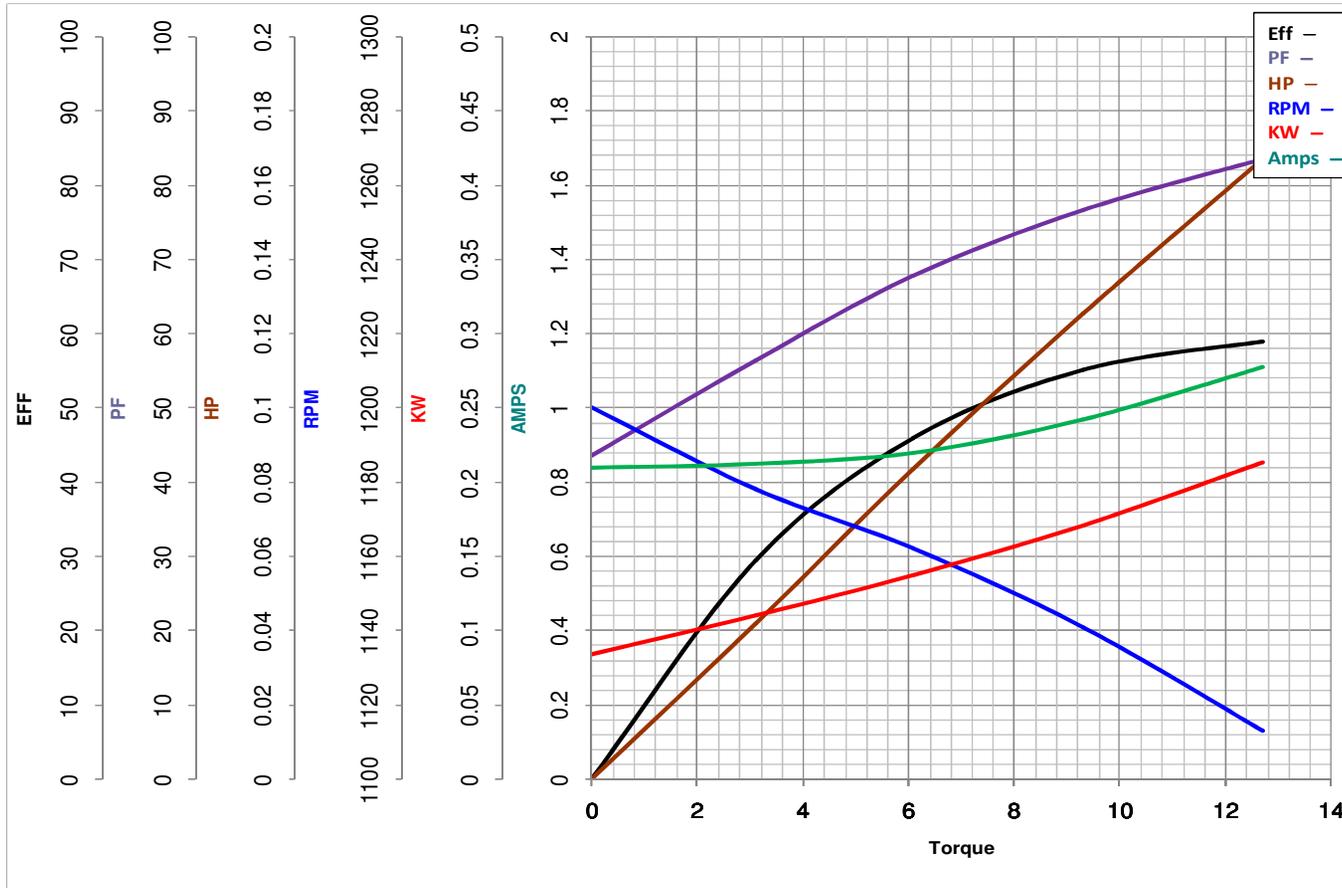
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VOLTS 208-230

Catalog No X411

HZ 60

RPM 1075



			Torque in Oz.Ft		
FL TORQUE	<u>12.7</u>	Oz.Ft	FL AMPS	<u>1.25-1.1</u>	
BD TORQUE	<u>18.9</u>	Oz.Ft	PU TORQUE	<u>2.7</u>	Oz.Ft
LR TORQUE	<u>2.68</u>	Oz.Ft	LR AMPS	<u>2.74</u>	
WINDING	PE4861284-2		Date	1/17/2019	