

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 048A11O1097
Catalog No: X216
1/5,1075,OPEN,48Y,1/60/208-230
Condenser Fans



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REGAL



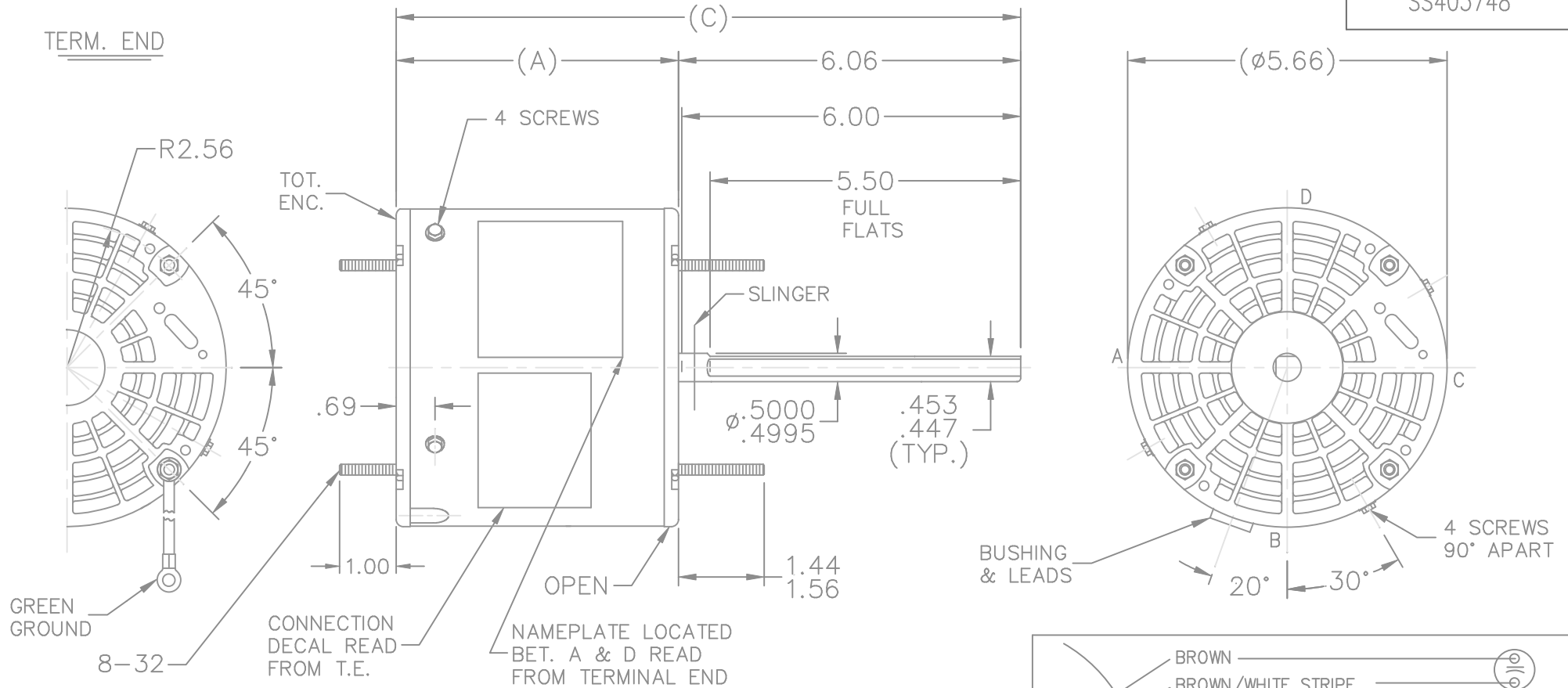
Nameplate Specifications

Output HP	0.2 Hp	Output KW	0.15 kW
Frequency	60 Hz	Voltage	208-230 V
Current	1.8-1.6 A	Speed	1075 rpm
Service Factor	1	Phase	1
Efficiency	55 %	Duty	CONTINUOUS
Insulation Class	B	Design Code	NO DESIGN CODE
KVA Code	B	Frame	48Y
Enclosure	OPAO	Overload Protector	AUT LCK RTR ONLY
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	N
IP Code	10		

Technical Specifications

Electrical Type	PSC 1 SPEED	Starting Method	ACROSS THE LINE
Poles	6	Rotation	SELECTIVE CCW
Mounting	ROUND-EXTENDED STUDS	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	ROLLED STEEL	Shaft Type	SGL SPL EXT
Overall Length	9.81 in	Frame Length	3.25 in
Shaft Diameter	0.5 in	Shaft Extension	6.06 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	A-SS403748-325	Connection Diagram	6906496

TERM. END



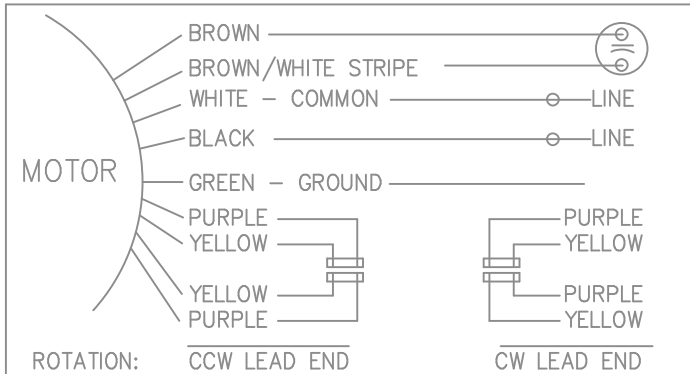
LEAD DESCRIPTION:

1 BLACK AND 1 WHITE LEAD WITH .50 BARE WIRE STRIP 30.00" LONG.

2 BROWN CAPACITOR LEADS WITH .25" FLAG QUICK CONNECTS 30.00" LONG. BROWN WITH WHITE MARK IS COMMON TO WHITE.

REVERSING LEADS ARE MOLDED INTO MATING PULL APART PLUGS. 1 PURPLE AND 1 YELLOW PER PLUG 5.00" LONG.

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



DASH	FRAME	C	A
325	48Y	9.81	3.75

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED	
				DEC.	INCHES
				.X	±.1
				.XX	±.03
				.XXX	±.005
				.XXXX	±.0005
				ANG	±7'30"

		DRAWN	SP 07-23-2008
		CHK	NB 07-23-2008
TITLE OUTLINE		APPD	VL 07-23-2008
		SCALE	3=8
MAT'L.		REF	SS75073
		FMF	08-2127
FINISH		PREV	

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RFP 07-23-2008

CAD FILE SS403748

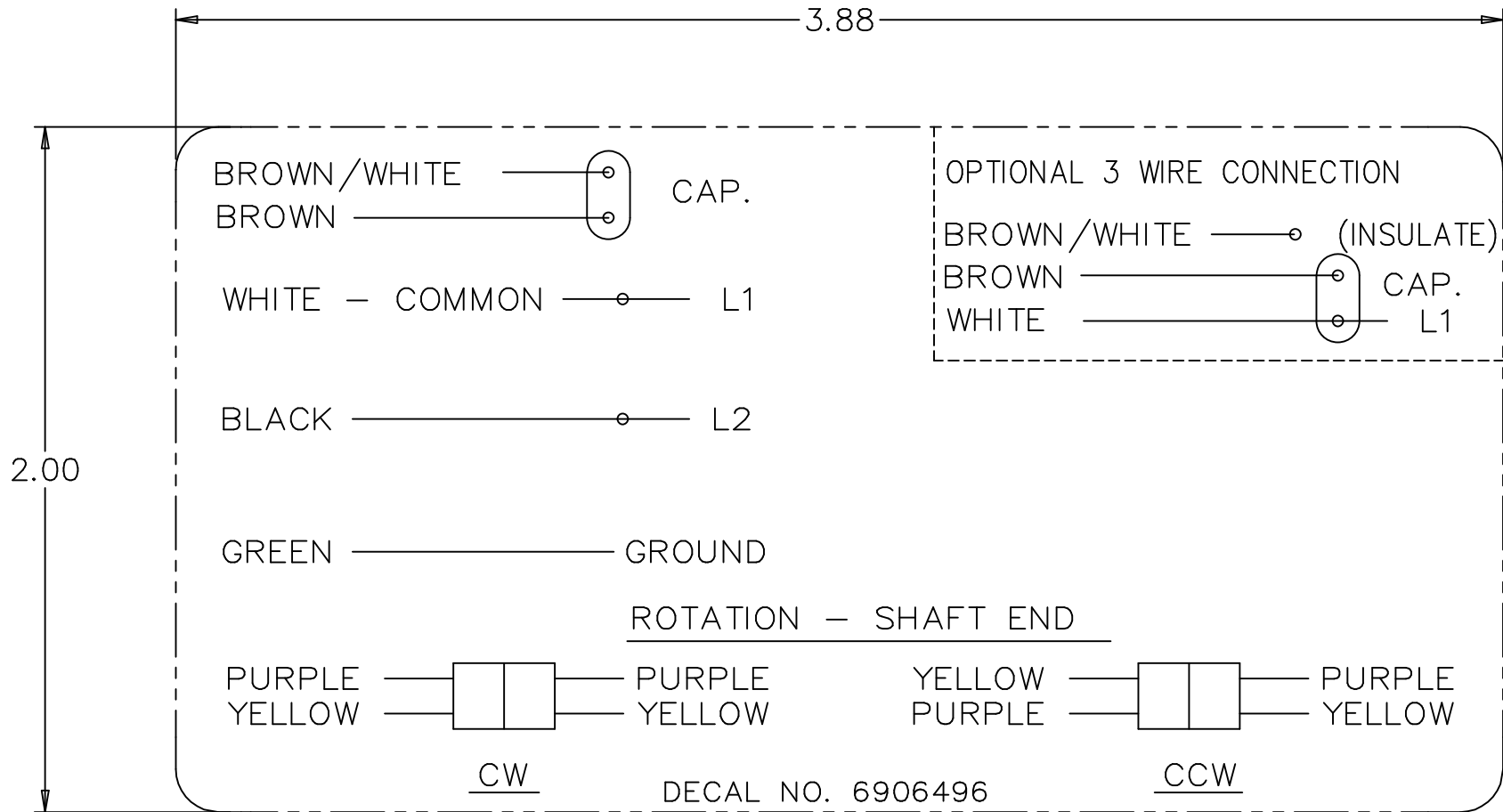
SIZE

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DIST WP

A

SS403748



				TOLERANCES UNLESS SPECIFIED		REGAL-BELOIT <i>Motor Technologies</i>	DRAWN MRB 04-16-1998		
				DEC.	INCHES		CHK	ML	04-22-1998
4	ADDED DIM. TO DECAL	RDH 09/22/2003	ML	.X	±.1	TITLE CONNECTION DECAL	APPD	GK	04-22-1998
3	REMOVED 'MARATHON ELECTRIC' CN 35106	DRS 05-01-2002	TOM	.XX	±.02		SCALE 1=1		
2	PART NAME WAS CONNECTION DIAGRAM CN 25669	MRB 04-23-1998		.XXX	±.005		REF		
1	NEW DRAWING CN 25669	MRB 04-22-1998		.XXXX	±.0005	MAT'L.	FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV		
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			DIST WP				A	6906496	4

CERTIFICATION DATA SHEET

Model#: 48A1101097 K **WINDING#:** PE4861153 NONE 2
CONN. DIAGRAM: 6906496 **ASSEMBLY:** F1 ONLY
OUTLINE: A-SS403748-325

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/5	0.15	1200	1075	48Y	OPAO	B	NO DESIGN CODE

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60	208-230	1.8-1.6	ACROSS THE LINE	CONTINUOUS	B3	1.0	40	3300

FULL LOAD EFF: 55	3/4 LOAD EFF: -	1/2 LOAD EFF: -	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 89.5	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
15.3 LB-FT	2.9	5.3 LB-FT 0	20.7 LB-FT 0	80

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
- dBA	- dBA	0 LB-FT^2	- LB-FT^2	- 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	FALSE	NONE	FALSE	NONE	GRAY (POWDER)

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

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.