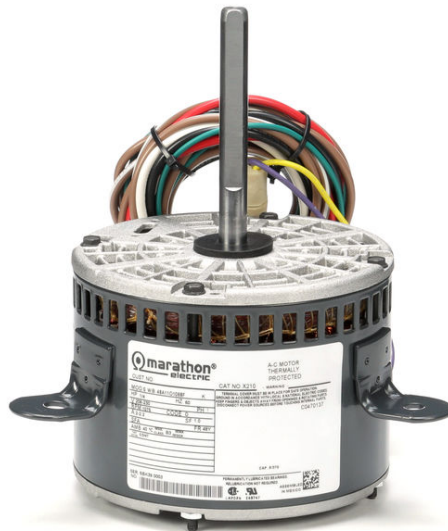


PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 048A11O1068
Catalog No: X210
1/4,1075,OPAO,48Y,1/60/208-230
Other Purpose



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REGAL[®]

Nameplate Specifications

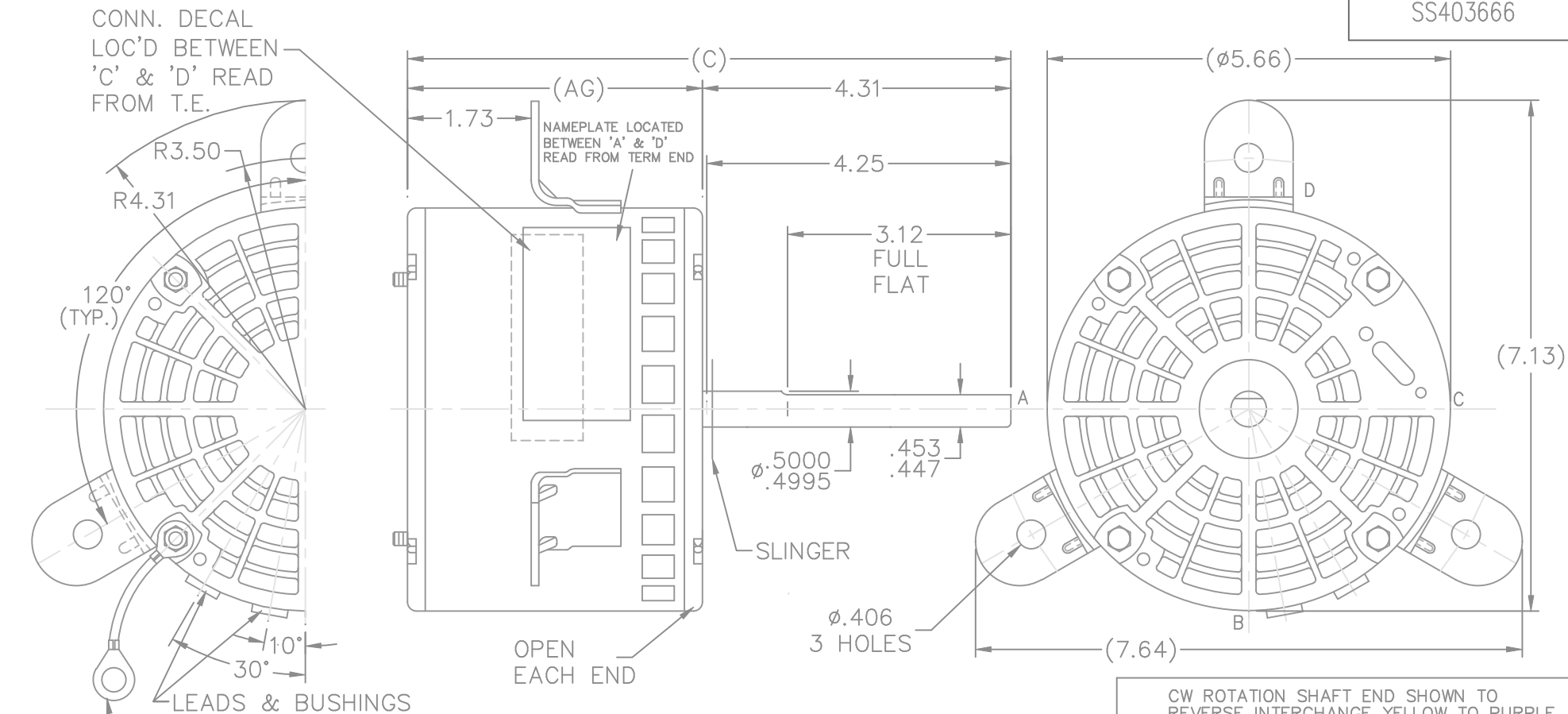
Output HP	0.25 Hp	Output KW	0.19 kW
Frequency	60 Hz	Voltage	208-230 V
Current	2.0-2.2 A	Speed	1075 rpm
Service Factor	1	Phase	1
Efficiency	54.4 %	Duty	Continuous
Insulation Class	B	Design Code	NO DESIGN CODE
KVA Code	D	Frame	48Y
Enclosure	Open Air Over	Overload Protector	Automatic Lock Rotor Only
Ambient 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	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Selective Counterclockwise
Mounting	Three Lug Mount	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	Single Special Extension
Overall Length	8.44 in	Frame Length	3.62 in
Shaft Diameter	0.500 in	Shaft Extension	4.31 in
Assembly/Box Mounting	F1 Only		
Outline Drawing	A-SS403666-362	Connection Diagram	6906494

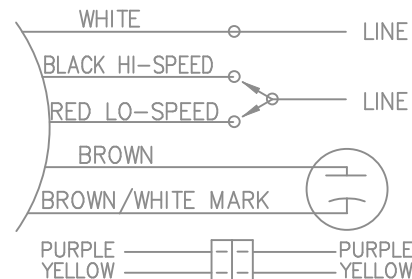
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SS403666



LEAD DESCRIPTION:
1 GREEN (GROUND) LEAD WITH TERM. FOR .25 SCREW. 58.00" LONG.
5 LEADS WITH .25 STRAIGHT-TYPE QUICK CONNECTS 58.00" LONG— WHITE, BLACK, RED, BROWN, AND BROWN WITH WHITE MARKER. REVERSING LEADS ARE MOLDED INTO MATING PULL APART PLUGS. ONE PURPLE AND ONE YELLOW LEAD PER PLUG. 5.00" LONG

CW ROTATION SHAFT END SHOWN TO REVERSE INTERCHANGE YELLOW TO PURPLE.



DASH	FRAME	C	AG
362	48	8.44	4.12

TOLERANCES UNLESS SPECIFIED

DEC. INCHES

.X ±.1

.XX ±.03

.XXX ±.005

.XXXX ±.0005

ANG ±7'30"



TITLE OUTLINE

MAT'L.

FINISH

DRAWN NB 12-14-2007

CHK VL 12-14-2007

APPD VL 12-14-2007

SCALE 15=32

REF SS73780

FMF 07-2838

PREV

NO. REVISION BY & DATE

CHK

ANG

±7'30"

FINISH

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RFP 12-14-2007

DIST WP

CAD FILE ss403666

SIZE

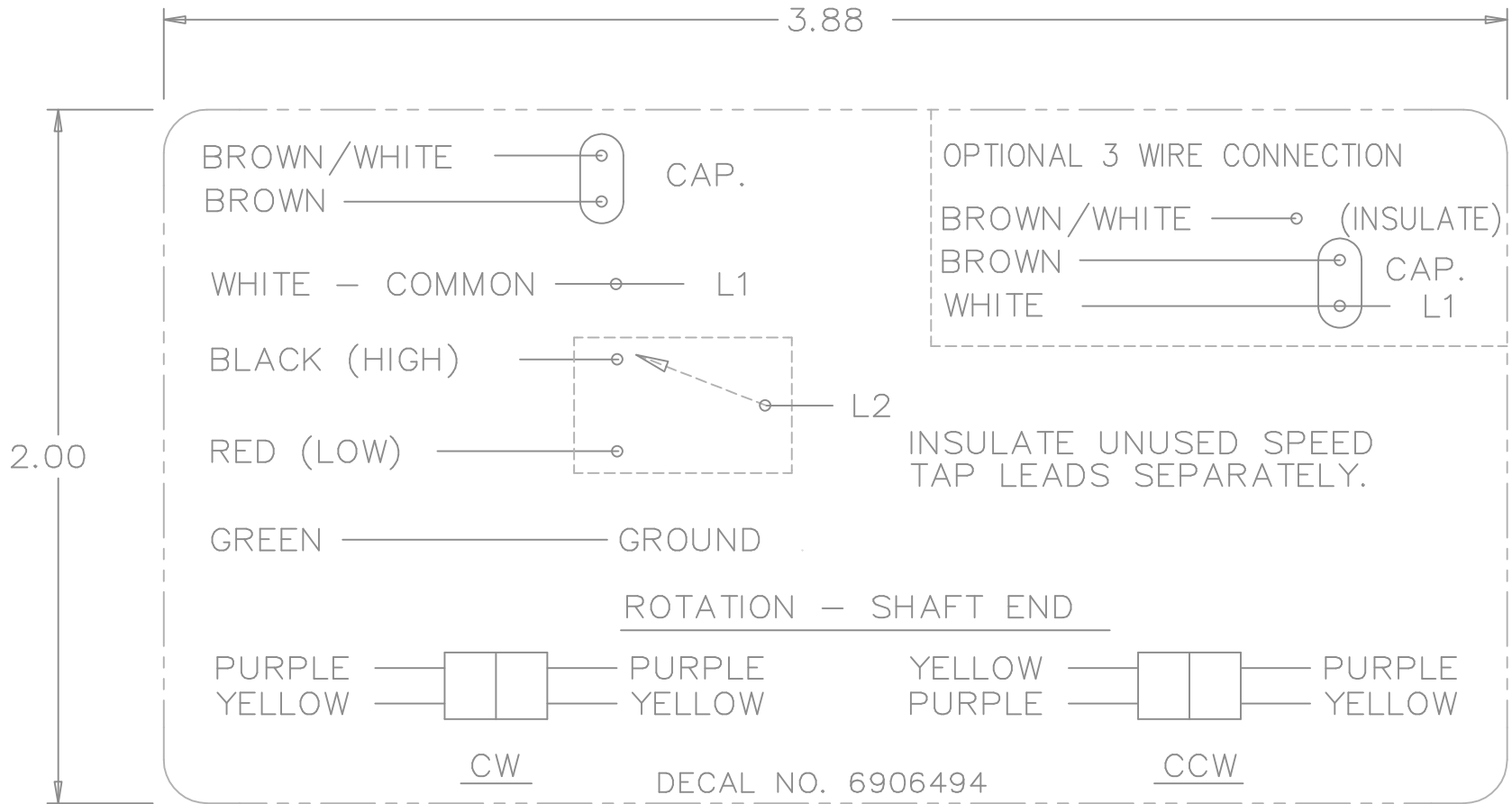
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				TOLERANCES UNLESS SPECIFIED		REGAL-BELOIT <i>Motor Technologies</i>	DRAWN MRB 04-16-1998			
				DEC.	INCHES		CHK	ML	04-22-1998	
				.X	±.1		APPD	GK	04-22-1998	
3	REMOVED 'MARATHON ELECTRIC' CN 35106	DRS 05-01-2002	TOM	.XX	±.02	TITLE CONNECTION DECAL	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	±'	FINISH	PREV			
			RFP			CAD FILE 6906494	SIZE	DRAWING NO.	PAGE OF	REV.
			DIST	WP			A	6906494		3

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CERTIFICATION DATA SHEET

Model#: 48A1101068 F **WINDING#:** PE4861120 NONE 2
CONN. DIAGRAM: 6906494 **ASSEMBLY:** F1 ONLY
OUTLINE: A-SS403666-362

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/4	0.19	1200	1075	48Y	OPAO	D	NO DESIGN CODE

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60	208-230	2-2.2	ACROSS THE LINE	CONTINUOUS	B3	1.0	40	3300

FULL LOAD EFF: 54.5	3/4 LOAD EFF: -	1/2 LOAD EFF: -	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 0	3/4 LOAD PF: -	1/2 LOAD PF: -	0	PSC 2 SPEED	1.4

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
18.2 LB-FT	4.6	8.08 LB-FT -	33.7 LB-FT -	0

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	THREE LUG MOUNT	HORIZONTAL	FALSE	NONE	FALSE	NONE	GRAY (POWDER)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE	BEACON 325	SGL SPL EXT	0.500 x 4.25 IN SEF WITH 3.12 IN FULL FLAT	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL
BALL	BALL						
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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