

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 048A11O1167
Catalog No: X258
1/3,1075,OPAO,48Y,1/60/208-230
Direct Drive



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REGAL

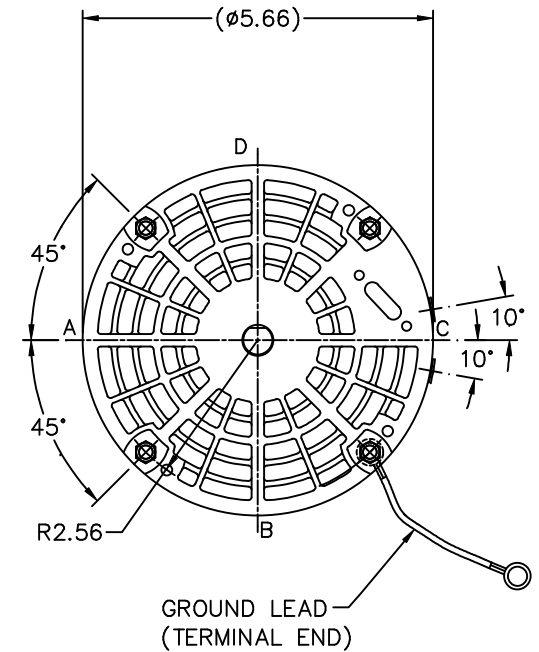
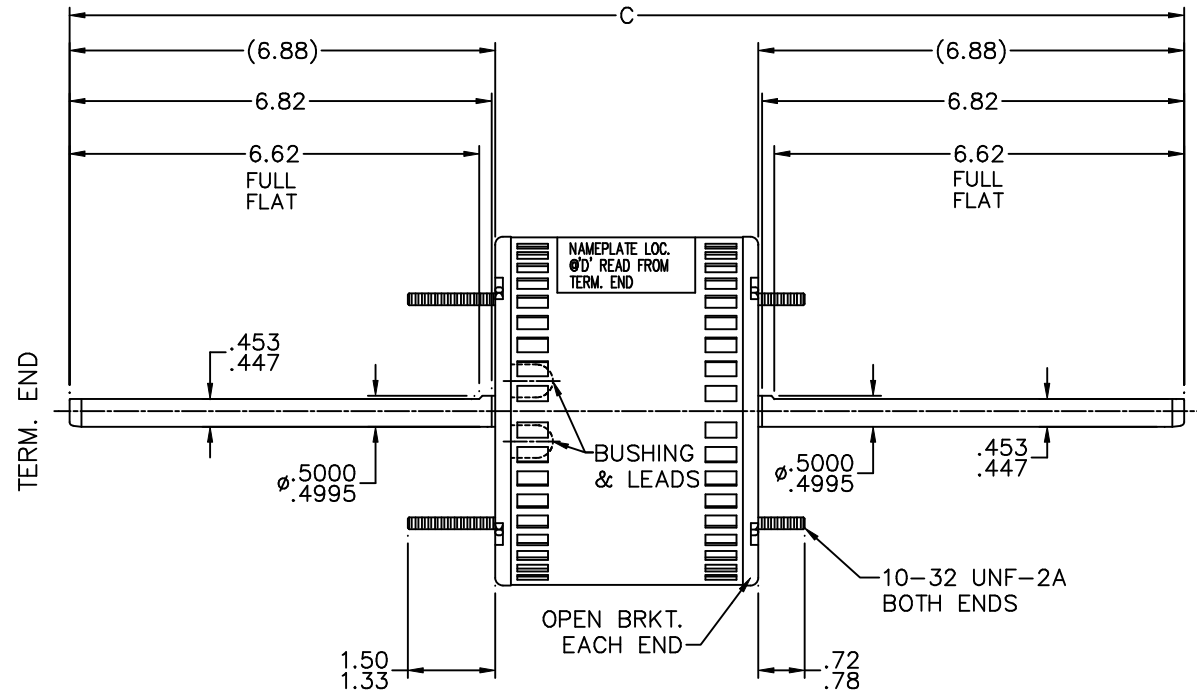


Nameplate Specifications

Output HP	0.33 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	208-230 V
Current	2.1-2.3 A	Speed	1075 rpm
Service Factor	1	Phase	1
Efficiency	59 %	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

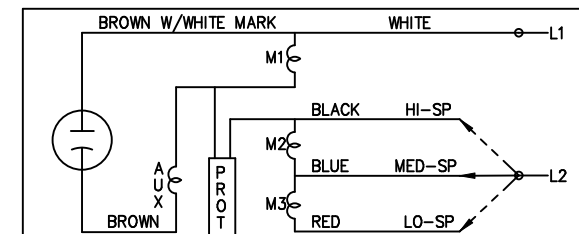
Electrical Type	PSC 3 SPEED	Starting Method	ACROSS THE LINE
Poles	6	Rotation	FIXED CCW
Mounting	ROUND-EXTENDED STUDS	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	ROLLED STEEL	Shaft Type	SGL SPL EXT
Overall Length	17.75 in	Frame Length	3.75 in
Shaft Diameter	0.5 in	Shaft Extension	6.88/6.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	B-SS403646-375	Connection Diagram	9511964



LEAD DESCRIPTION:
1 WHITE, 1 BLACK, 1 RED, & 1 BLUE W/.50 BARE WIRE STRIPPED. 36.00-39.00" LONG

1 BROWN AND 1 BROWN W/WHITE W/.25 FLAG TYPE QUICK CONNECTS. 12.00-14.00" LONG

GREEN GROUND LEAD W/TERM. FOR #10 SCREW
12.00-13.00" LONG @ TERM. END



DASH	FR	C			
400		18.00			
375		17.75			

			TOLERANCES UNLESS SPECIFIED	
			DEC.	INCHES
			.X	±.1
			.XX	±.03
			.XXX	±.005
			.XXXX	±.0005
NO.	REVISION	BY & DATE	CHK	ANG
			RFP	11-01-2007
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			DIST	WP

MARATHON ELECTRIC		DRAWN SP 11-01-2007	
TITLE OUTLINE		CHK NB 11-01-2007	
MAT'L		APPD SP 11-01-2007	
FINISH		SCALE 1=2	
CAD FILE SS403646		RFM 07-2082	
SIZE B		PREV	
DRAWING NO. SS403646		PAGE OF	
		REV.	

A- 9511964

ON  95119640



LINE 1

LINE 2

LEADS SEPARATELY

CE ROUGHNESS
S NOTED OTHERWISE

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOL. ON XX# XXX#.005 XXXX#.0005 ANGLES#

 **WAPATHON**
WILCOX
WAUSAU, WISCONSIN 54401

DRAWN BY	TOM	3-31-89
CHKD BY		
APPD BY		

ON DIAGRAM

DRWG NO

A- 9511964

CERTIFICATION DATA SHEET

Model#: 48A1101167 E **WINDING#:** PE4861242 NONE 2
CONN. DIAGRAM: 9511964 **ASSEMBLY:** F1 ONLY
OUTLINE: B-SS403646-375

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/3	0.25	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	2.1-2.3	ACROSS THE LINE	CONTINUOUS	B3	1.0	40	3300

FULL LOAD EFF: 59.0	3/4 LOAD EFF: -	1/2 LOAD EFF: -	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: -	3/4 LOAD PF: -	1/2 LOAD PF: -	0	PSC 3 SPEED	1.5

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
24.4 LB-FT	-	- LB-FT -	- LB-FT -	-

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	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 6.82 IN SEF WITH 6.62 IN FULL FLAT	0.500 x 6.82 IN SEF WITH 6.62 IN FULL FLAT	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

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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

DATE: 06/27/2017 03:35:05 AM
 FORM 3531 REV.3 02/07/99
 ** Subject to change without notice.

