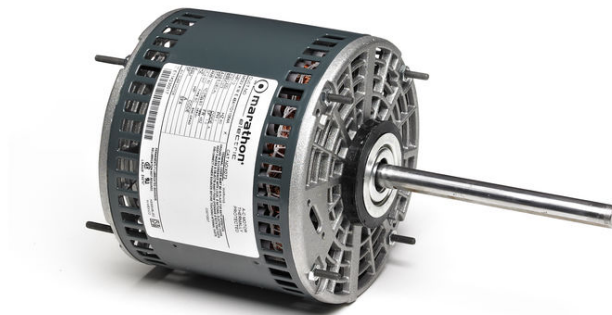


PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 048A11O11063
Catalog No: X075
3/4,1140,OPAO,48Y,1/60/208-230
Direct Drive



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REGAL



Nameplate Specifications

Output HP	0.75 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	208-230 V
Current	4.05-3.8 A	Speed	1075 rpm
Service Factor	1	Phase	1
Efficiency	68.4 %	Duty	CONTINUOUS
Insulation Class	B	Design Code	NO DESIGN CODE
KVA Code	F	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 4 SPEED	Starting Method	ACROSS THE LINE
Poles	6	Rotation	SELECTIVE CCW
Mounting	RESILIENT RING-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	12.22 in	Frame Length	5.5 in
Shaft Diameter	0.5 in	Shaft Extension	5 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	A-SS403358-550	Connection Diagram	6906485

NAMEPLATE LOC. @ 'D'
READ FROM TERM. END
WHEN TWO PART N.P. IS USED
CENTERED PIECES AT 'D'

GROUND
LEAD

CONNECTION
DECAL-READ
FROM T. END

LEAD DESCRIPTION:

1 EACH, WHITE, BLACK, BLUE, RED, & ORANGE
WITH .25" FLAG STYLE QUICK CONNECT, EXIT
MOTOR AT 'C' 36" LONG

2 BROWN LEADS WITH .25 FLAG TYPE QUICK
CONNECT 36" LONG, EXIT MOTOR @ 'A'

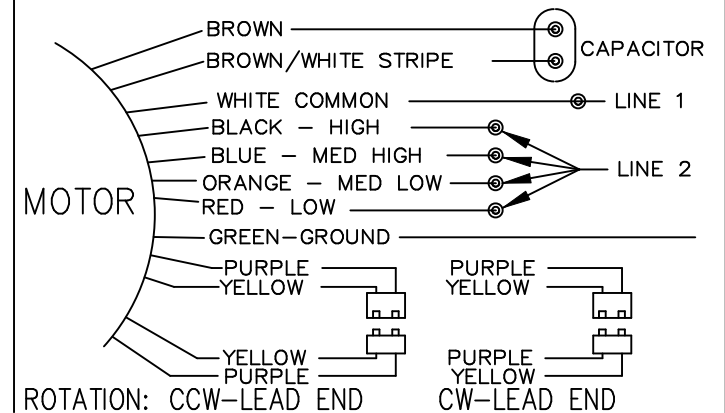
REVERSING LEADS ARE MOLDED INTO MATING
PULL-APART PLUGS. 1 YELLOW & 1 PURPLE LEAD
PER PLUG 4" LONG, EXIT MOTOR @ 'A'

1 GREEN GROUND LEAD WITH TERMINAL FOR # 10
SCREW, 8" LONG.

2 FULL
FLATS
90° APART

REVERSING
LEADS
& BUSHING

LEADS
& BUSHING



DASH	FR.	C	A
550	48Y	12.22	6.00

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

	DRAWN ERH 10-06-2003	
	CHK ML 10-06-2003	
	APPD MJS 10-06-2003	
	SCALE 3=8	
TITLE OUTLINE		REF
MAT'L.		FMF MU 48445
FINISH		PREV

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RFP
DIST WP

CAD FILE SS403358

SIZE
A

DRAWING NO. PAGE OF
SS403358

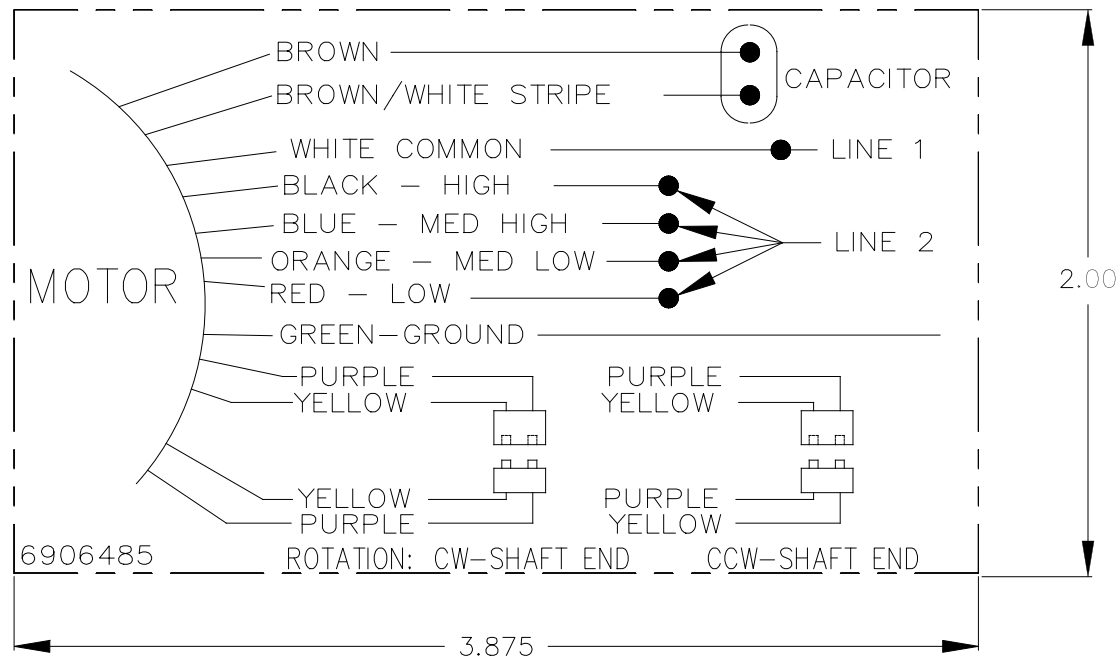
REV.

ERROR: syntaxerror
OFFENDING COMMAND: --nostringval--

STACK:

-dictionary-
/Pscript_WinNT_Compat
-dictionary-

6906485



				TOLERANCES UNLESS SPECIFIED			DRAWN KK 12/16/16				
				DEC.	INCHES		CHK				
				.X	±.1		APPD KK 12/16/16				
				.XX	±.03		SCALE 1=1				
				.XXX	±.005		REF				
				.XXXX	±.0005	MAT'L.					
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH		PREV			
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 THIS IS AN ELECTRONICALLY GENERATED DOCUMENT – DO NOT SCALE THIS PRINT			RFP			CAD FILE 6906485		SIZE A	DRAWING NO. 6906485	PAGE OF	REV.
			DIST WP								

CERTIFICATION DATA SHEET

Model#:

48A11011063 A

WINDING#:

PE4862070 NONE 2

CONN. DIAGRAM:

6906485

ASSEMBLY:

F1 ONLY

OUTLINE:

A-SS403358-550

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
3/4	.56	1200	1075	48Y	OPAO	F	NO DESIGN CODE

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60	208-230	4.05-3.8	ACROSS THE LINE	CONTINUOUS	B3	1.0	40	3300

FULL LOAD EFF: 68.4	3/4 LOAD EFF: 64.1	1/2 LOAD EFF: 54.4	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 94.3	3/4 LOAD PF: 91.2	1/2 LOAD PF: 85.4	0	PSC 4 SPEED	2

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
56 LB-FT	12.3	29 LB-FT 52	100 LB-FT 179	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	0 LB-FT^2	0 LB-FT^2	0 SEC.	0	0 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RESILIENT RING- 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 5.00 IN SEF WITH 4.50 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

*
N
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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

FORM 3531 REV.3 02/07/99
** Subject to change without notice.