PRODUCT INFORMATION PACKET



Model No: 048A17O123 Catalog No: X475 1/6,1625,OPEN,48Y,1/60/230 Direct Drive



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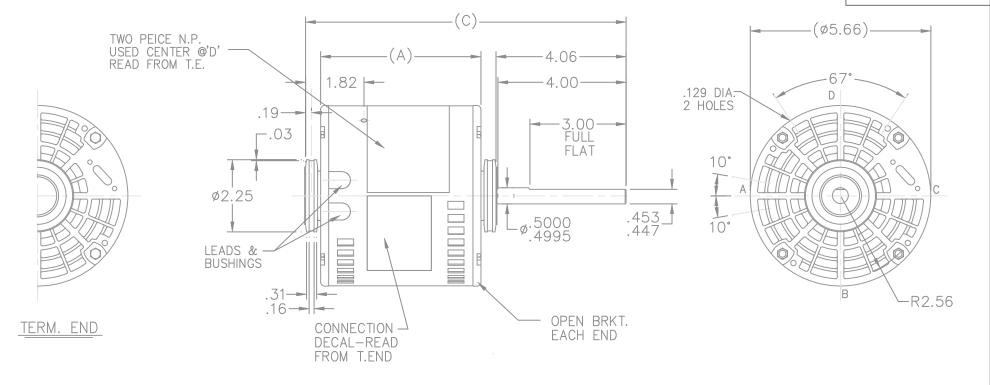
Nameplate Specifications

Output HP	0.17 Hp	Output KW	0.13 kW
Frequency	60 Hz	Voltage	230 V
Current	1.3 A	Speed	1550 rpm
Service Factor	1	Phase	1
Efficiency	59.5 %	Duty	Continous
Insulation Class	A	Design Code	NO DESIGN CODE
KVA Code	В	Frame	48Y
Enclosure	Open Air Over	Overload Protector	Auto Lock Rotor Only
Ambient Temperature	40.00	D: E ID : 0:	
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL UL	Recognized

Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Mounting	Resilient Rings	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	Single Special Extension
Overall Length	9 in	Frame Length	3.50 in
Shaft Diameter	0.500 in	Shaft Extension	4.06 in
Assembly/Box Mounting	F1 Only		
Outline Drawing	A-SS403801-350	Connection Diagram	6906495

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LEAD DESCRIPTION:

1 BLACK AND 1 WHITE LEAD WITH .50 BARE WIRE STRIP. 36.00 TO 38.00 LONG.

DASH FR. C Α 350 48Y 9.00 4.00 375 9.25 4.25 48Y 400 48Y 9.50 4.50 425 48Y 9.75 4.75 475 48Y 10.25 5.25

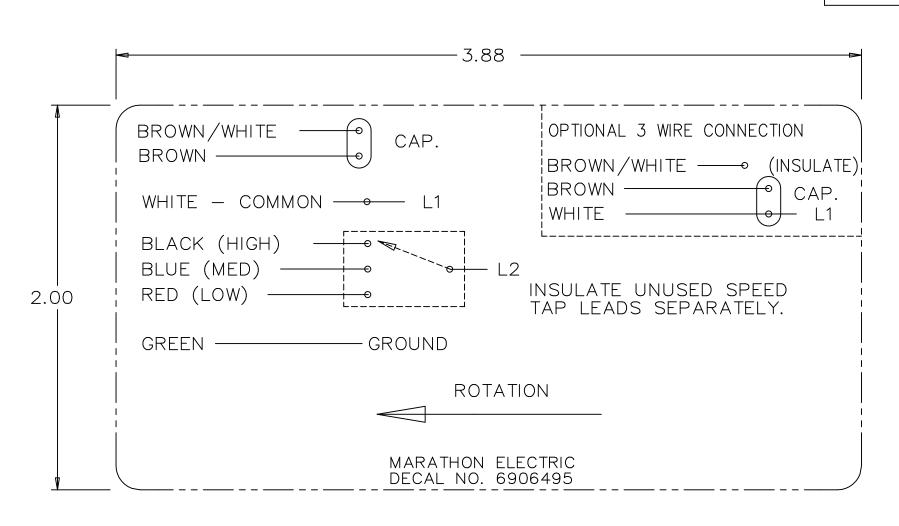
36.00 TO 38.00 LONG
WHITE MARKED LEAD IS COMMON TO WHITE.
REVERSING LEADS ARE MOLDED INTO MATING PULL APART
PLUGS. 1 YELLOW & 1 PURPLE LEAD PER PLUG.
4.00 TO 6.00 LONG.

2 BROWN LEADS WITH .25 FLAG-TYPE QUICK CONNECTS

CW ROTATION — SHAFT END SHOWN
TO REVERSE, CONNECT PURPLE TO
YELLOW, AND YELLOW TO PURPLE
WHITE — LINE
BLACK — LINE
PURPLE
YELLOW YELLOW

BROWN BROWN/WHITE STRIPE

	, , , , , , , , , , , , , , , , , , , ,									
				TOL UNLES	LERANCES SS SPECIFIED			DRAWN	RP 01-07-	-2009
				DEC.	INCHES			СНК	SP 01-07-	-2009
				.x	±.1			APPD	NB 01-07-	-2009
				.xx	±.02	TITLE OUTLINE		SCALE	3=9	
				.xxx	±.005			REF	SS403417	7
				.xxxx	±.0005	MAT'L.		FMF	07-2426	j
NO.	REVISION	BY & DATE	СНК	ANG	±7'30"	FINISH		PREV		
	THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE		RFP	01-	-07-2009	CAD FILE SS403801	SIZE DRAWI	NG NO. PA	GE 1 OF 1	REV.
	IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION A THIS IS AN ELECTRONICALLY GENERATED DOCUMENT — DO NOT SCALE		DIST	WP		'	A	SS4038	01	



				TOL UNLES	ERANCES S SPECIFIED		DRAWN	MRB 04-1	6-1998
				DEC.	INCHES	REGAL-BELOIT ((<i>//////////////////////////////////</i>	1	ML 04-22	2-1998
				.x	±.1	Technologies	₹ APPD	GK 04-22	2-1998
3	REMOVED 'MARATHON ELECTRIC' CN 35106	DRS 05-01-2002	ТОМ	.xx	±	TITLE CONNECTION DECAL	SCALE	1=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	СНК	ANG	±	FINISH	PREV		
	THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT B		RFP			CAD FILE 6906495 SIZE DRAWING N			REV.
	IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION A		DIST	WP		A 6	90649	5	131

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STACK:

/RS -dictionary-/Pscript_WinNT_Compat -dictionary-

CERTIFICATION DATA SHEET

 Model#:
 48A170123 E
 WINDING#:
 PE484199 NONE 2

 CONN. DIAGRAM:
 6906495
 ASSEMBLY:
 F1 ONLY

OUTLINE: A-SS403801-350

TYPICAL MOTOR PERFORMANCE DATA

HP	кw	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/6	0.13	1800	1550	48Y	OPAO	В	NO DESIGN
							CODE

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60	230	1.3	ACROSS THE	CONTINUOU	А	1.0	40	3300
				LINE	S				

FULL LOAD EFF: 59.5	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: -	-	PSC 1 SPEED	.7

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
8.14 LB-FT	2.4	5.5 LB-FT -	13.6 LB-FT -	-

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

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RESILIENT RINGS	HORIZONTAL	FALSE	NONE	FALSE	NONE	GRAY (POWDER)

BEAI	RINGS	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	BEACON 325	SGL SPL EXT	0.500 x 4.00 IN	NONE	1144	ROLLED STEEL
6203	6203]		SEF WITH 3.00 IN		STRESSPROOF	
0200	0200			FULL FLAT		(C-223)	

	THERMO-PR	OTECTORS		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 PPR

BRAKE: NONE NONE NONE P/N NONE NONE NONE

NONE NONE V NONE HZ

*
NOTES

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^{**} Subject to change without notice.