

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 048A17O128
Catalog No: X477
1/6,1625,OPEN,48Y,1/60/115
Direct Drive



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REGAL[®]



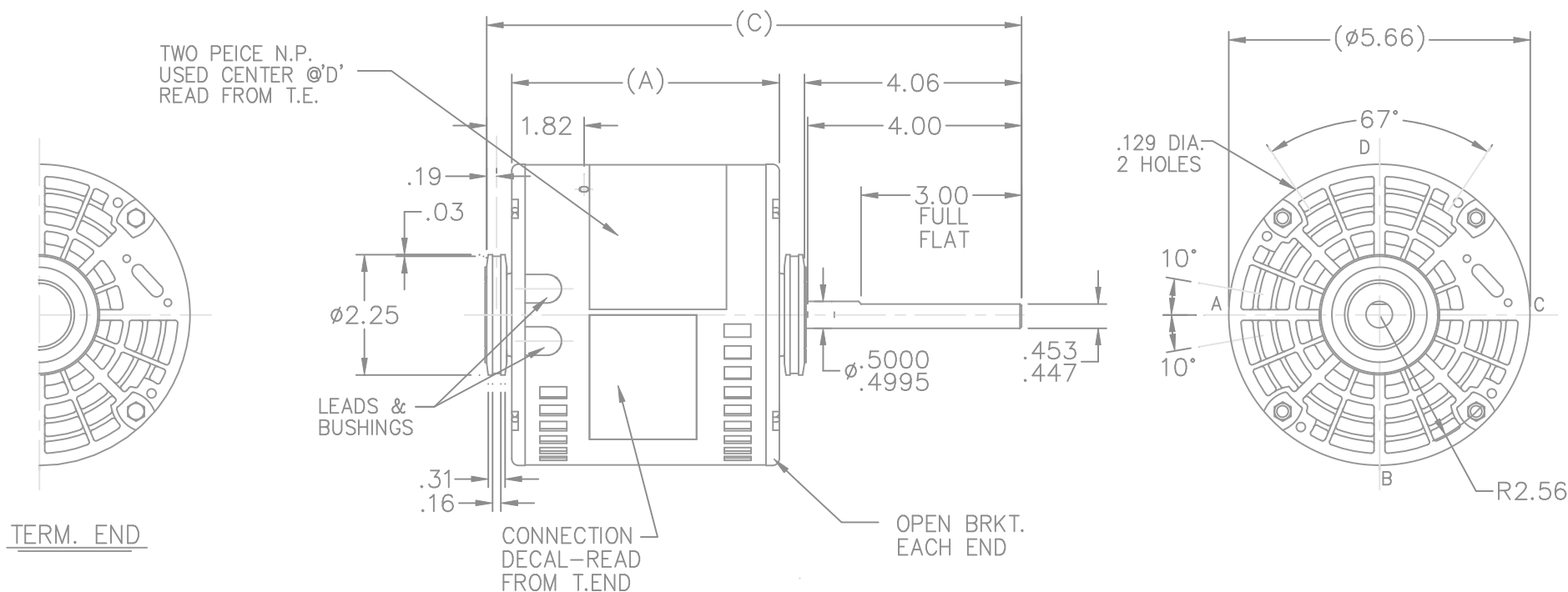
Nameplate Specifications

Output HP	0.17 Hp	Output KW	0.13 kW
Frequency	60 Hz	Voltage	115 V
Current	2.6 A	Speed	1625 rpm
Service Factor	1	Phase	1
Efficiency	52.5 %	Duty	Continuous
Insulation Class	A	Design Code	NO DESIGN CODE
KVA Code	C	Frame	48Y
Enclosure	Open Air Over	Overload Protector	Auto Lock Rotor Only
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	N	CE	N
IP Code	10		

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	6906496

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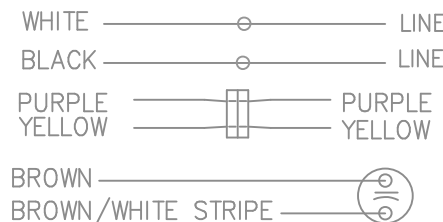
LEAD DESCRIPTION:

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

2 BROWN LEADS WITH .25 FLAG-TYPE QUICK CONNECTS 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.

CW ROTATION - SHAFT END SHOWN TO REVERSE, CONNECT PURPLE TO YELLOW, AND YELLOW TO PURPLE

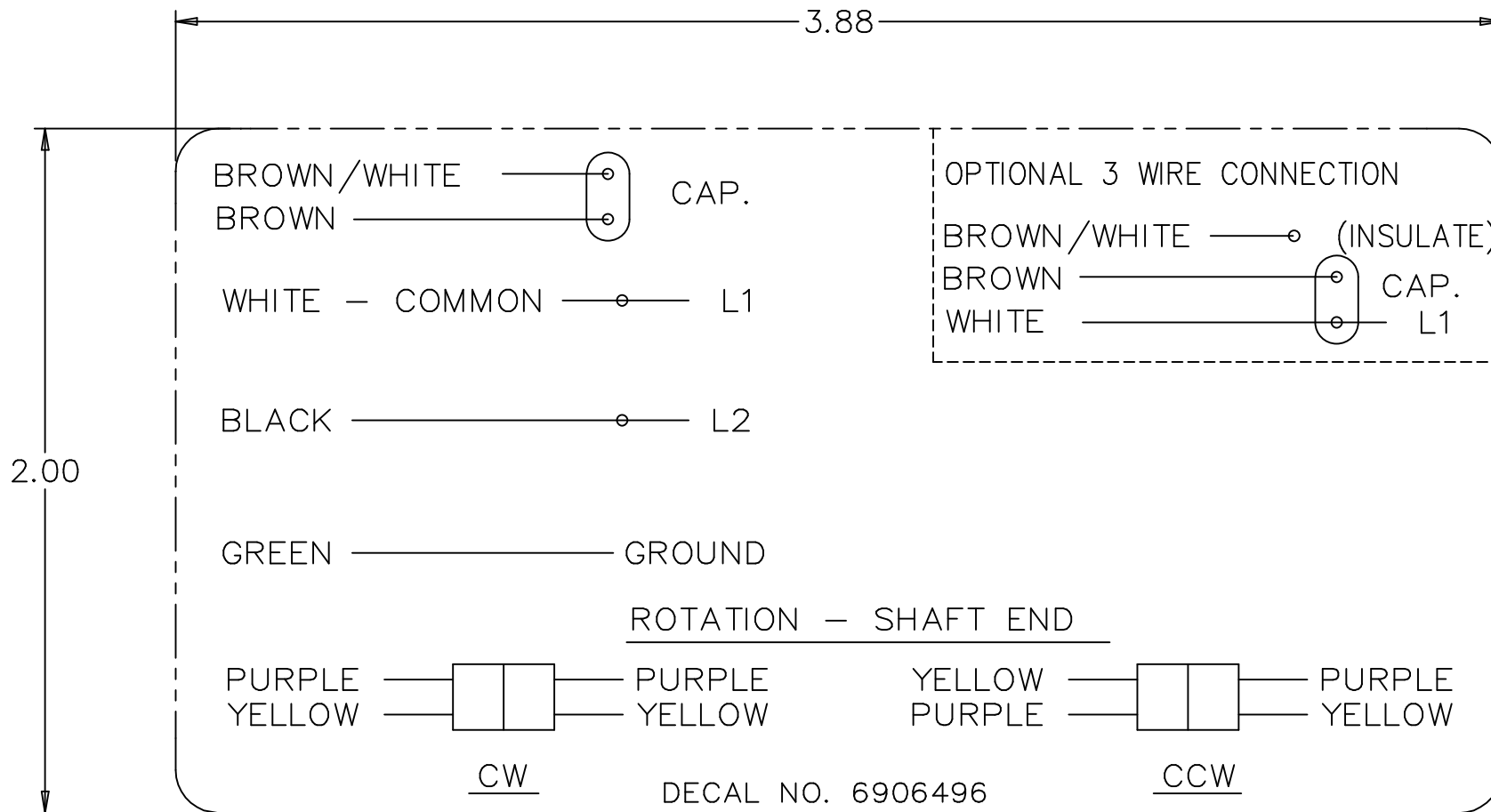


DASH	FR.	C	A
350	48Y	9.00	4.00
375	48Y	9.25	4.25
400	48Y	9.50	4.50
425	48Y	9.75	4.75
475	48Y	10.25	5.25

				TOLERANCES UNLESS SPECIFIED		 MARATHON ELECTRIC	DRAWN RP 01-07-2009			
				DEC.	INCHES		CHK SP 01-07-2009			
				.X	±.1		APPD NB 01-07-2009			
				.XX	±.02		SCALE 3=9			
				.XXX	±.005		REF SS403417			
				.XXX	±.0005	TITLE OUTLINE	FMF 07-2426			
				.XXXX	±.0005	MAT'L.	PREV			
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH				
				RFP	01-07-2009	CAD FILE SS403801	SIZE A	DRAWING NO. SS403801	PAGE 1 OF 1	REV.
				DIST	WP					

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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		
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

