

PRODUCT INFORMATION PACKET

Model No: 048A11O756
Catalog No: X242
1,1075,OPEN,48,1/60/208-230
Direct Drive



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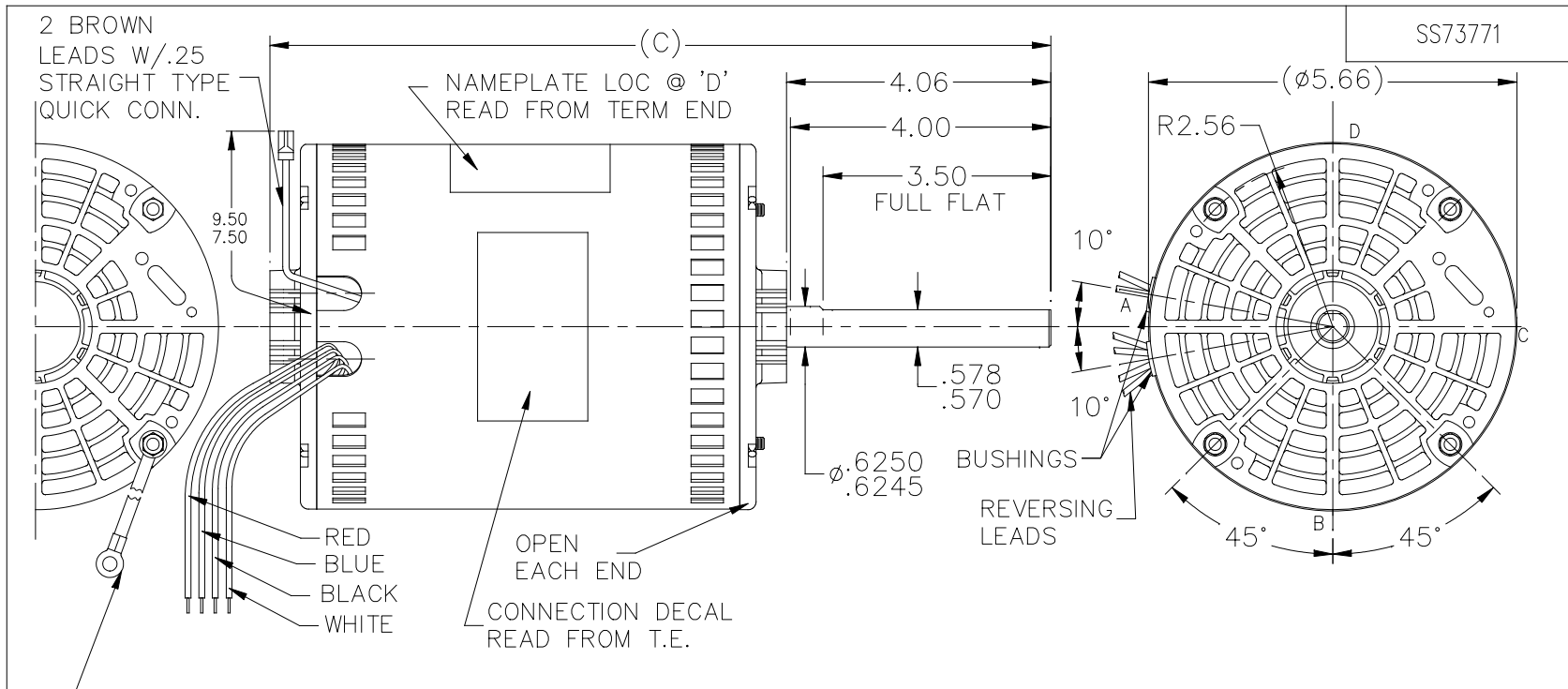
Nameplate Specifications

Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	208-230 V
Current	6.2 A	Speed	1000 rpm
Service Factor	1	Phase	1
Efficiency	67.2 %	Duty	Continuous
Insulation Class	B	Design Code	NO DESIGN CODE
KVA Code	D	Frame	48
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	01		

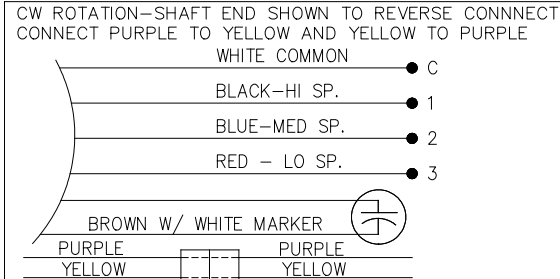
Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Selective Clockwise
Mounting	Round Belly Band	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	Single Special Extension
Overall Length	12.25 in	Frame Length	6.75 in
Shaft Diameter	0.500 in	Shaft Extension	4.06 in
Assembly/Box Mounting	F1 Only		
Outline Drawing	A-SS73771-675	Connection Diagram	6906493

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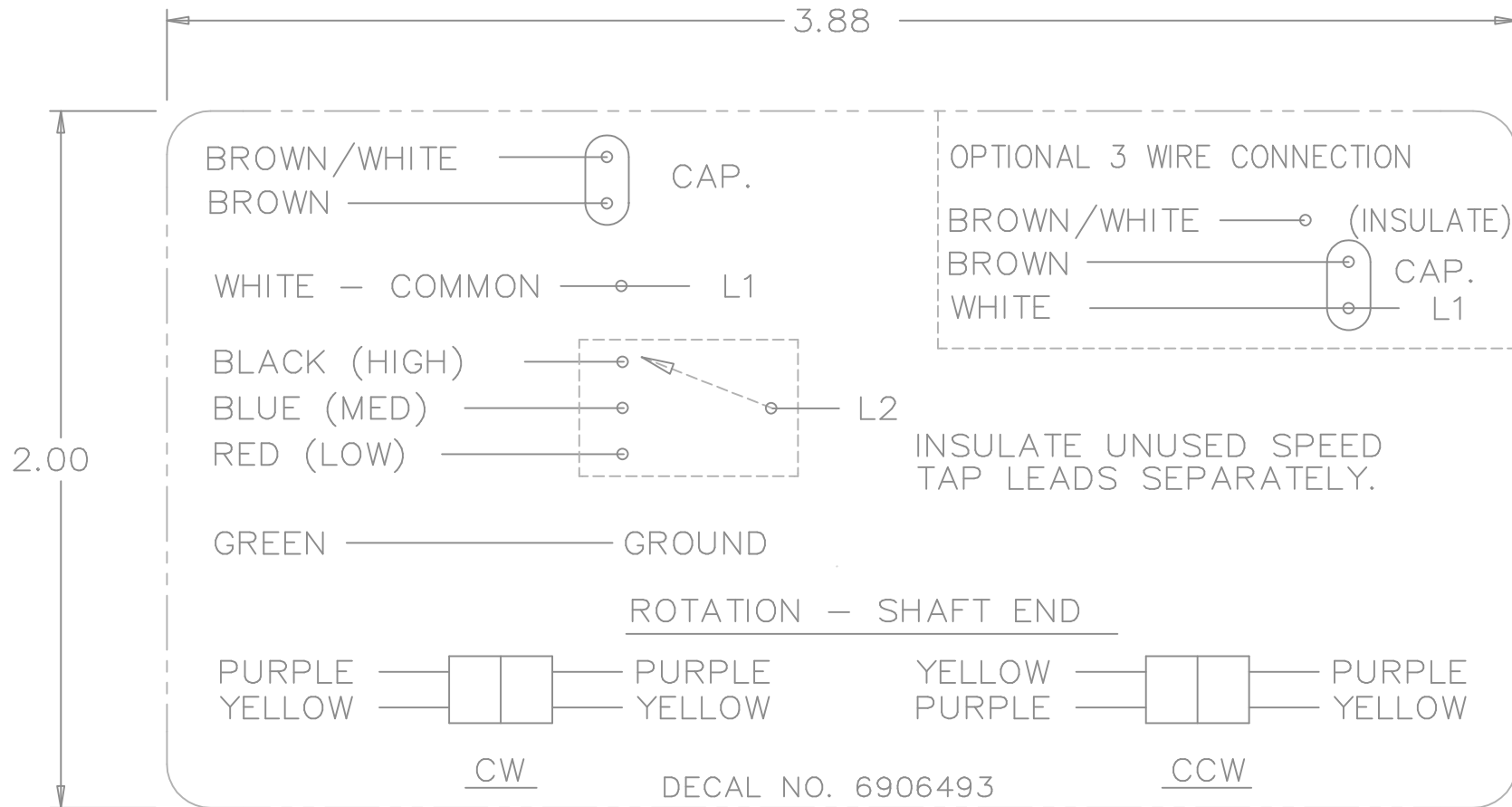
SS73771



REVERSING LEADS ARE MOLDED INTO MATING PULL APART PLUGS. 1 YELLOW AND 1 PURPLE LEAD PER PLUG. 4.00-6.00 LONG.

DASH	FR	C
675	48	12.25

NO.	REVISION	BY & DATE	CHK	ANG	±	TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN BLR 03-24-1998				
						DEC.	INCHES						
7	REMOVED CONNECTOR AND TERMINAL FROM BOM	UD 05-24-18	UD	.X	±.1				CHK MRB 03-28-1998				
6	REV'D TO STRAIGHT TYPE QUICK CONN. CN 29400-1204	NJS 03-20-2003	ML	.XX	±.03			TITLE OUTLINE	APPD ML 03-28-1998				
5	CLARIFIED NAMEPLATE CN 25600-155	BLR 04-16-1998		.XXX	±.005			48 FR.	SCALE 7=16				
4	REDRAWN ON CADD	BLR 03-28-1998		.XXXX	±.0005			MAT'L.	REF				
				ANG	±7'30"			FINISH	FMF				
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 SS73771	SIZE A	DRAWING NO. SS73771	PAGE OF	REV. 7
								DIST WP					



				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	±	TITLE CONNECTION DECAL	SCALE	1=1			
2	PART NAME WAS CONNECTION DIAGRAM CN 25669	MRB 04-25-1998		.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				
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				DIST	WP		A	6906493			3

CERTIFICATION DATA SHEET

Model#: 48A110756 H WINDING#: PE486666 NONE 2
 CONN. DIAGRAM: 6906493 ASSEMBLY: F1 ONLY
 OUTLINE: A-SS73771-675

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1	.75	1200	1000	48	OPAO	D	NO DESIGN CODE

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60	208-230	6.2	ACROSS THE LINE	CONTINUOUS	B3	1.0	40	3300

FULL LOAD EFF: -	3/4 LOAD EFF: -	1/2 LOAD EFF: -	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
			-	PSC 4 SPEED	3.7

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
73.2 LB-FT	17.2	31.8 LB-FT	- 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	ROUND BELLY BAND	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	0.625 x 4.00 WITH 3.50 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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