

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 048A11O1375
Catalog No: X426
3/4,1075,OPEN,48,1/60/460
Commercial Refrigeration Fan



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REGAL



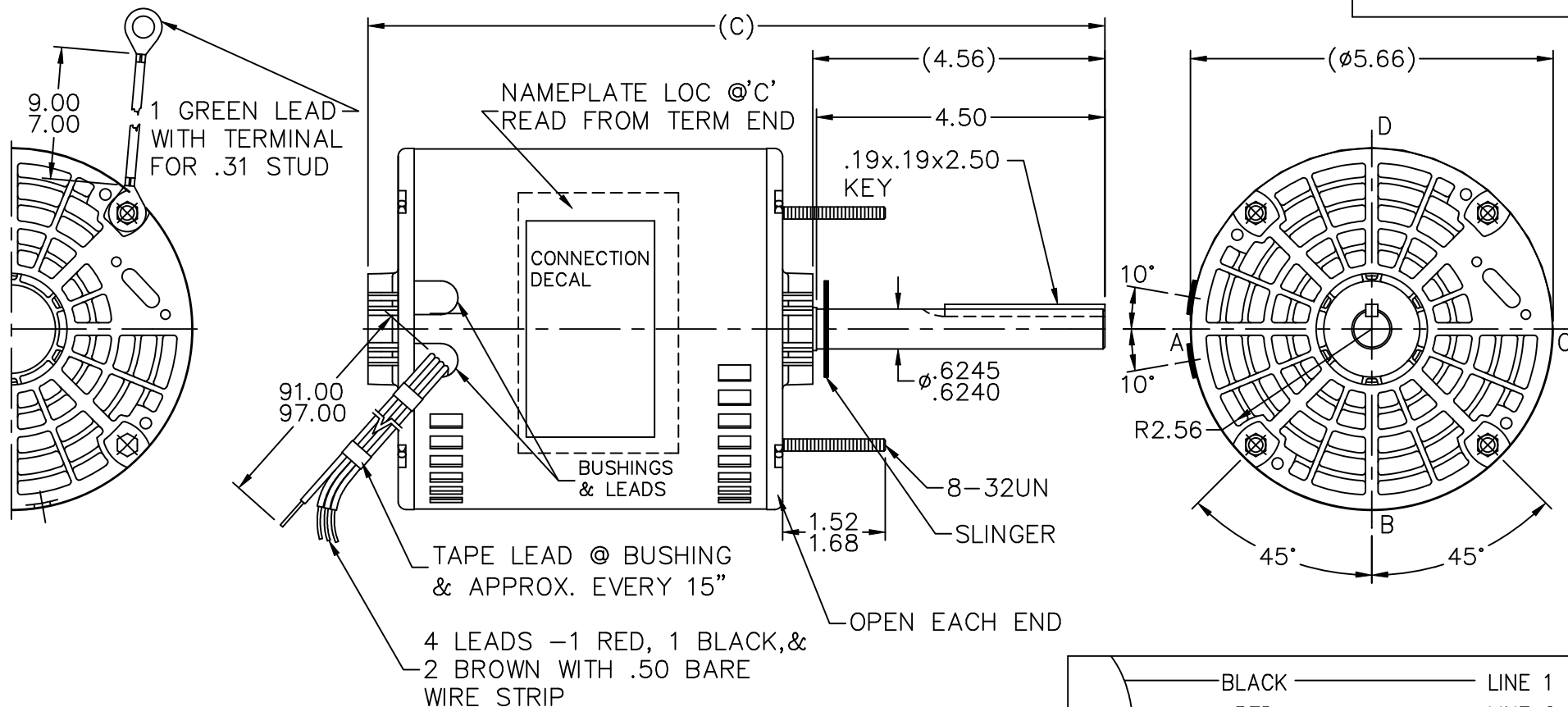
Nameplate Specifications

Output HP	0.75 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	460 V
Current	2.2 A	Speed	1075 rpm
Service Factor	1	Phase	1
Efficiency	66 %	Duty	CONTINUOUS
Insulation Class	B	Design Code	NO DESIGN CODE
KVA Code	A	Frame	48
Enclosure	OPAO	Overload Protector	AUT LCK RTR ONLY
Ambient Temperature	50 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	N
IP Code	1		

Technical Specifications

Electrical Type	PSC 1 SPEED	Starting Method	ACROSS THE LINE
Poles	6	Rotation	SELECTIVE 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	10.94 in	Shaft Diameter	0.5 in
Shaft Extension	1.5 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	A-SS74771-500	Connection Diagram	6906491

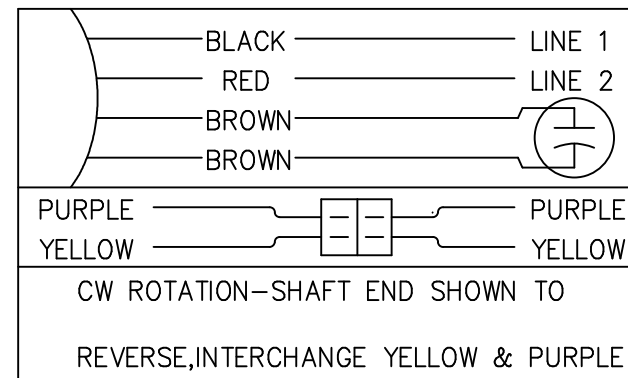
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TERM. END

DASH	FR.	C	
500	48	10.94	

REVERSING LEADS ARE MOLDED INTO MATING PULL APART PLUG. ONE PURPLE AND ONE YELLOW PER PLUG, 4"-6" LONG



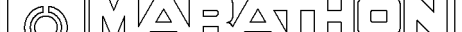
				TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN BLR 03-27-1998			
				DEC.	INCHES		CHK	ML	03-31-1998	
				.X	±.1		APPD	GK	03-31-1998	
				.XX	±.03	TITLE OUTLINE	SCALE	13=32		
3	REDRAWN IN AUTOCAD	TAT 07-22-2004	ML	.XXX	±.005	48 FR.	REF			
2	REDRAWN ON CADD	BLR 03-31-1998		.XXXX	±.0005	MAT'L.	FMF			
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 ss74771	SIZE	DRAWING NO.	PAGE	OF
				DIST	WP		A	SS74771		REV.
										3

ERROR: syntaxerror
OFFENDING COMMAND: --nostringval--

STACK:

/im

-savelevel-

				✓ MAX. SURFACE ROUGHNESS UNLESS NOTED OTHERWISE UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX± XXX±.005 XXXX±.0005 ANGLES±
				MATL SPEC  DRAWN BY MRB 04-16-1998 CHKD BY ML 04-22-1998 APPD BY GK 04-22-1998
I	04-22-1998	NEW DRAWING	MRB	FINISH PART NAME CONNECTION DECAL DRWG NO A-6906491
REV	DATE	CHANGE	NAME	
		SHOP BOOK	PURCHASED	DISTRIBUTION - WA - LB - WP - LM CADD FILE NO. 6906491

CERTIFICATION DATA SHEET

Model#: 48A1101375 D **WINDING#:** PE4861475 NONE 4
CONN. DIAGRAM: 6906491 **ASSEMBLY:** F1 ONLY
OUTLINE: A-SS74771-500

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
3/4&3/4	.56&.56	1200	1075&895	48	OPAO	A	NO DESIGN CODE

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60/50	460#460	2.2&3	ACROSS THE LINE	CONTINUOUS	B3	1.0/1.0	50	3300

FULL LOAD EFF: -	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 1 SPEED	1.3

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
56.6 LB-FT	6.2	14.5 LB-FT 0	82.7 LB-FT 0	0

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
- dBA	- dBA	0 LB-FT^2	- LB-FT^2	25 SEC.	4	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	0.625 x 4.50 SEK	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

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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

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 FORM 3531 REV.3 02/07/99
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