

PRODUCT INFORMATION PACKET



Model No: 048A11O1461
Catalog No: X431
1/2,1075,OPEN,48Z,1/60/208-230/460
Condenser Fans



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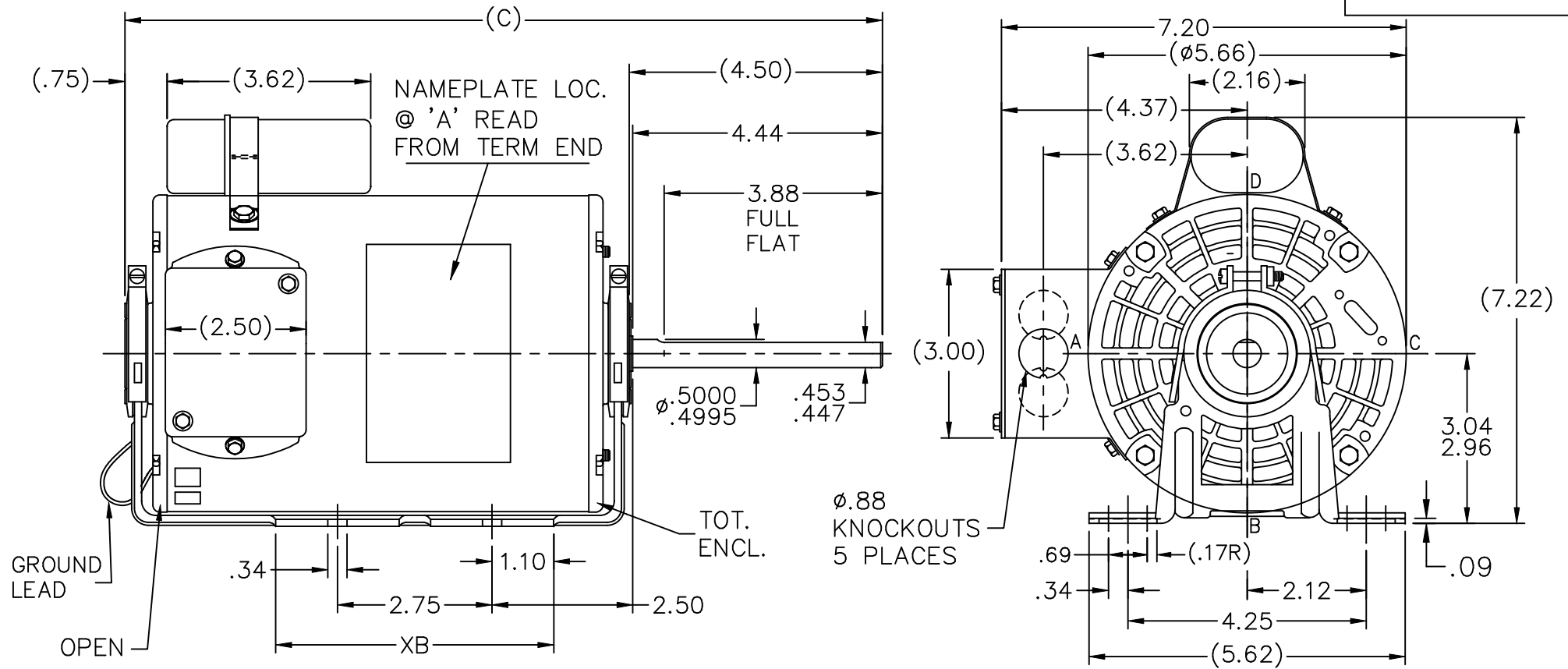


Nameplate Specifications

Output HP	0.5 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	3/1.5 A	Speed	1075 rpm
Service Factor	1	Phase	1
Efficiency	69.3 %	Duty	CONTINUOUS
Insulation Class	B	Design Code	NO DESIGN CODE
KVA Code	C	Frame	48Z
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 1 SPEED	Starting Method	ACROSS THE LINE
Poles	6	Rotation	SELECTIVE CCW
Mounting	RESILIENT BASE	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	ROLLED STEEL	Shaft Type	SGL SPL EXT
Overall Length	11.44 in	Frame Length	5.5 in
Shaft Diameter	0.5 in	Shaft Extension	4.5 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	A-SS75103-550	Connection Diagram	9580283



DASH	C	XB
550	11.44	4.94

NOTE:
C.C.W. ROTATION SHOWN.
TO REVERSE INTERCHANGE
RED & BLACK LEADS.

LOW VOLTAGE		HIGH VOLTAGE	
PURPLE	LINE 1	PURPLE	LINE 1
YELLOW	LINE 2	BROWN	
WHITE		RED	
RED		BLK & WHT	
BLK & WHT		WHITE	
BLACK		ORANGE	
ORANGE		BLACK	
BROWN		YELLOW	LINE 2

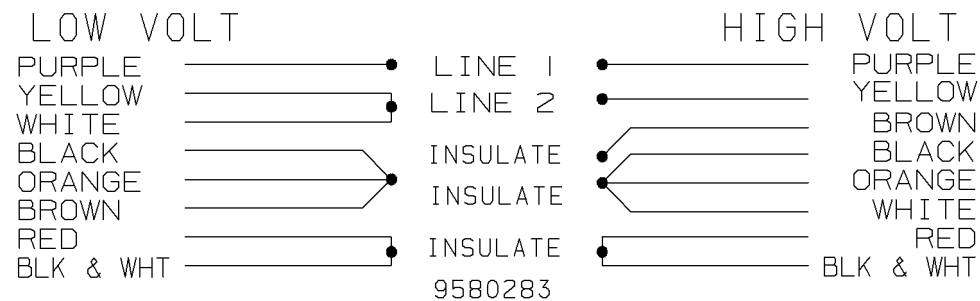
		TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC		DRAWN SMC 12-17-1990	
5	UPDATED DRAWING	TJW 04/13/2007	DEC.	INCHES		CHK	ML 12-19-1990
4	REDRAWN IN AUTOCAD	TAT 08-03-2004	ML	.X	$\pm .1$	APPD	MTB 12-20-1990
3	REVISED CONNECTION DIAGRAM CN 24777	MJD 11-13-1997		.XX	$\pm .03$	SCALE 3=8	
2	BASE HOLE TO SHAFT STEP WAS 2.25 CN 23975-121	MH 08-11-1997		.XXX	$\pm .005$	REF	
1	NEW DRAWING 376318	SMC 12-17-1990		.XXXX	$\pm .0005$	FMF	
NO.	REVISION	BY & DATE	CHK	ANG	$\pm 7'30''$	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 ss75103		SIZE	DRAWING NO. PAGE OF REV.
			DIST WP			A	SS75103 5

ERROR: undefined
OFFENDING COMMAND: 10

STACK:

/terminate
/suspend
-dictionary-
/Pscript_winNT_Compat
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CCW ROTATION OPP. SHAFT END SHOWN. TO REVERSE, IN
EITHER VOLTAGE, INTERCHANGE RED WITH BLACK LEADS.



				✓ 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 MJD	11-11-1997
				FINISH			CHKD BY ML	11-13-1997
					WAUSAU, WISCONSIN 54401		APPD BY TOM	11-13-1997
REV	DATE	CHANGE	NAME	PART NAME CONNECTION DIAGRAM INSERT				DRWG NO A- 9580283
	SHOP BOOK	PURCHASED		DISTRIBUTION - WA - LB - WP - LM - YK		CADD FILE NO.	9580283	

CERTIFICATION DATA SHEET

Model#: 48A1101461 E **WINDING#:** PE4861573 NONE 3
CONN. DIAGRAM: 9580283 **ASSEMBLY:** F1 ONLY
OUTLINE: A-SS75103-550

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/2	.37	1200	1075	48Z	OPAO	C	NO DESIGN CODE

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60	208-230/460	3/1.5	ACROSS THE LINE	CONTINUOUS	B3	1.0	40	3300

FULL LOAD EFF: 69.3	3/4 LOAD EFF: 66.3	1/2 LOAD EFF: 57.5	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: -	3/4 LOAD PF: 85.5	1/2 LOAD PF: 78	0	PSC 1 SPEED	1.4 / .7

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
37 LB-FT	8.5 / 4.2	10.9 LB-FT -	61.9 LB-FT -	-

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	- LB-FT^2	0 LB-FT^2	0 SEC.	0	- LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RESILIENT BASE	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	0.500 x 4.44 IN SEF WITH 3.88 IN 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	FALSE	NONE VOLTS
NONE	AUT LCK RTR ONLY	NONE	NONE			

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