

PRODUCT INFORMATION PACKET



Model No: 048A11O1744
Catalog No: X405
1/2,1140,OPEN,48Y,1/60/208-230/4
Other Purpose



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Nameplate Specifications

Output HP	0.50 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	3.6-3.6/1.8 A	Speed	1075 rpm
Service Factor	1	Phase	1
Efficiency	65.7 %	Duty	Continuous
Insulation Class	B	Design Code	NO DESIGN CODE
KVA Code	F	Frame	48Y
Enclosure	Open Air Over	Overload Protector	Automatic Lock Rotor Only
Ambient Temperature	60 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	N
IP Code	10		

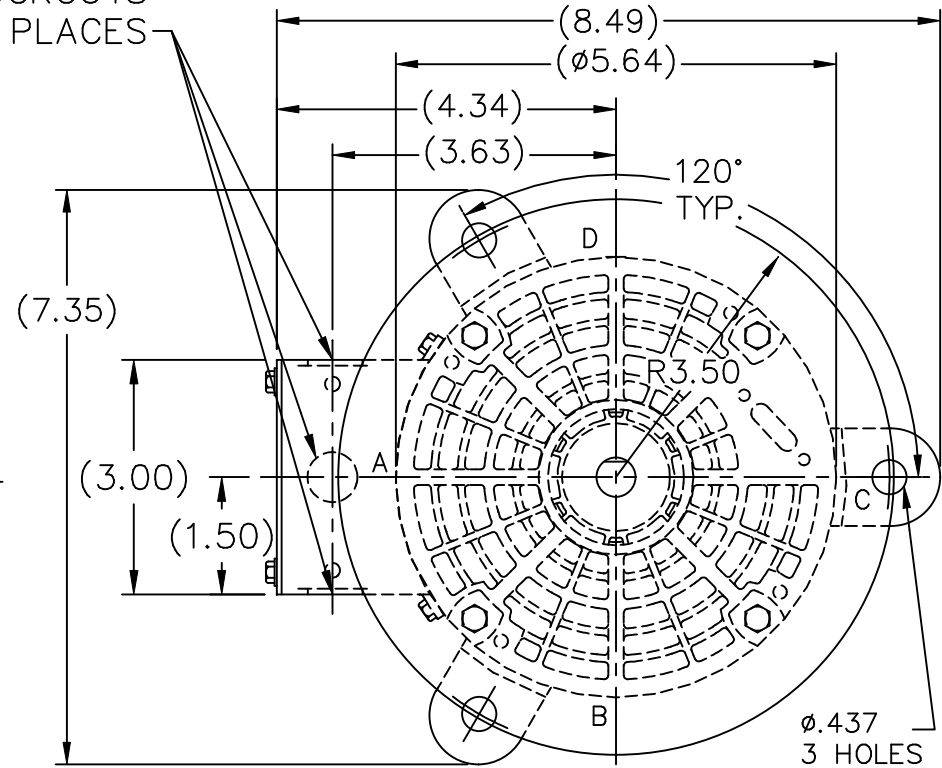
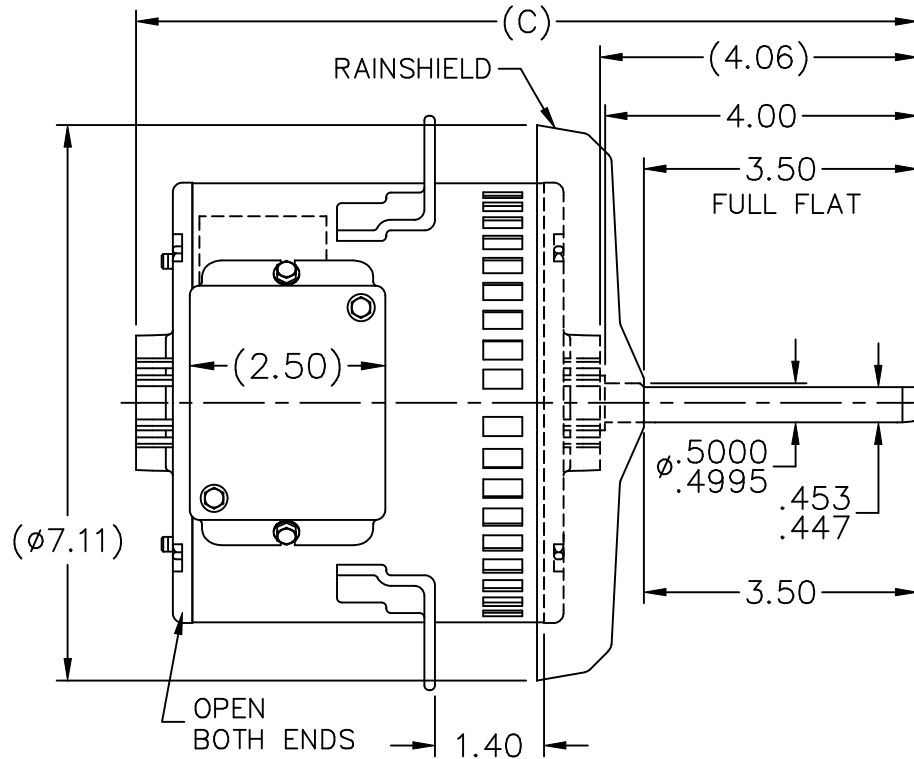
Technical Specifications

Electrical Type	Permanent Split Capacitor	Starting Method	Across The Line
Poles	6	Rotation	Selective Counterclockwise
Mounting	Three Lug Mount	Motor Orientation	Horizontal Or Up Or Down
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	Single Special Extension
Overall Length	11.82 in	Frame Length	6.38 in
Shaft Diameter	0.500 in	Shaft Extension	4.06 in
Assembly/Box Mounting	F1 Only		
Outline Drawing	A-SS400183-638	Connection Diagram	9513977

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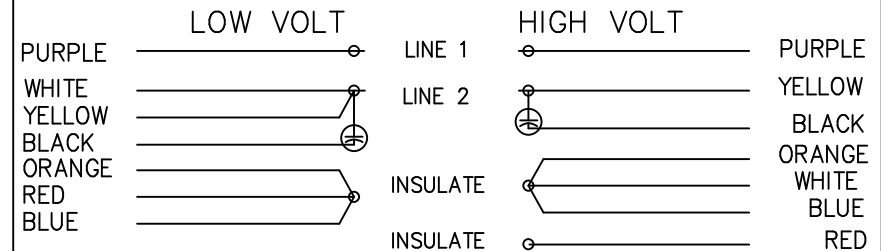
ø.88 KNOCKOUTS
3 PLACES



DASH	FR	C
475	48Y	10.19
500	48Y	10.44
638	48Y	11.82

NOTE:
NAMEPLATE LOC. BETWEEN 'C'
& 'D' REAR FROM CONDUIT BOX SIDE.

C.C.W. ROTATION SHOWN. TO REVERSE
INTERCHANGE BLUE & BLACK LEADS



NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED
5	UPDATED DRAWING	RJW 04-13-2007			DEC. INCHES
4	UPDADTED CONDUIT BOX PER CN39440-6	TJW		.X	±.1
3	REDRAWN IN AUTOCAD	TAT 09-01-2004	ML	.XX	±.03
2	MOUNTING LUG HOLE DIA. WAS .41 CN 27650	MRB 03-29-1999		.XXX	±.005
1	NEW DRAWING 4358323	BLR 01-29-1996		.XXXX	±.0005

	DRAWN BLR 01-16-1996	
	CHK ML 01-17-1996	
	APPD TOM 01-17-1996	
	SCALE 13=32	
	REF	
TITLE OUTLINE		FMF
MAT'L.		PREV
FINISH		

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RFP
DIST WP

CAD FILE ss400183

SIZE A DRAWING NO. SS400183 PAGE OF 5 REV. 5

A- 9513977

DOWN. TO REVERSE, IN
ANGE BLUE WITH BLACK LEADS

NE 1 — HIGH VOLT
PURPLE

NE 2 — YELLOW

ULATE — BLACK
ORANGE
WHITE
BLUE
RED

ROUGHNESS
NOTED OTHERWISE

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOL. ON XX# XXX#.005 XXXX#.0005 ANGLES#

MAPATHON
COLLECTOR
WAUSAU, WISCONSIN 54401

DRAWN RM 1-24-92

CHKD BY ML 1-28-92

APPD BY

DIAGRAM INSERT

DRAWG NO
A- 9513977

CERTIFICATION DATA SHEET

Model#: 48A1101744 D **WINDING#:** PE4861835 NONE 3
CONN. DIAGRAM: 9513977 **ASSEMBLY:** F1 ONLY
OUTLINE: A-SS400183-638

TYPICAL MOTOR PERFORMANCE DATA

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

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60	208-230/460	3.6-3.6/1.8	ACROSS THE LINE	CONTINUOUS	B3	1.0	60	3300

FULL LOAD EFF: 65.7	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	2.5 / 1.3

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
37 LB-FT	11.2 / 5.6	22.5 LB-FT -	84.6 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	THREE LUG MOUNT	HORIZONTAL OR UP OR DOWN	FALSE	NONE	TRUE	NONE	GRAY (POWDER)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL	BEACON 325	SGL SPL EXT	0.500 x 4.00 IN SEF WITH 3.50 IN FULL FLAT	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL
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

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N
O
T
E
S
*

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

DATE: 06/22/2017 04:29:14 AM
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