

PRODUCT INFORMATION PACKET

Model No: 048A11O1744

Catalog No: X405

0.50 HP Definite Purpose AC Motor, 1 phase, 1200 RPM, 208-230/460 V, 48Y Frame, OPAO
Other Purpose Motors



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REGAL



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 %	Power Factor	76.2
Duty	Continuous	Insulation Class	B
Design Code	NO DESIGN CODE	KVA Code	F
Frame	48Y	Enclosure	Open Air Over
Thermal Protection	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

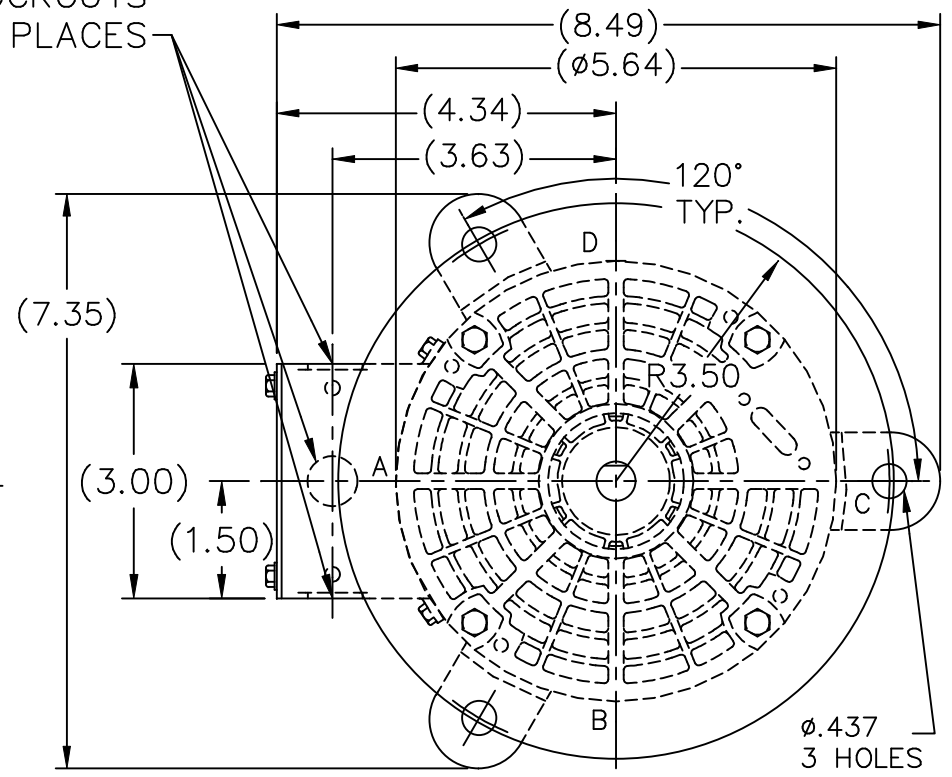
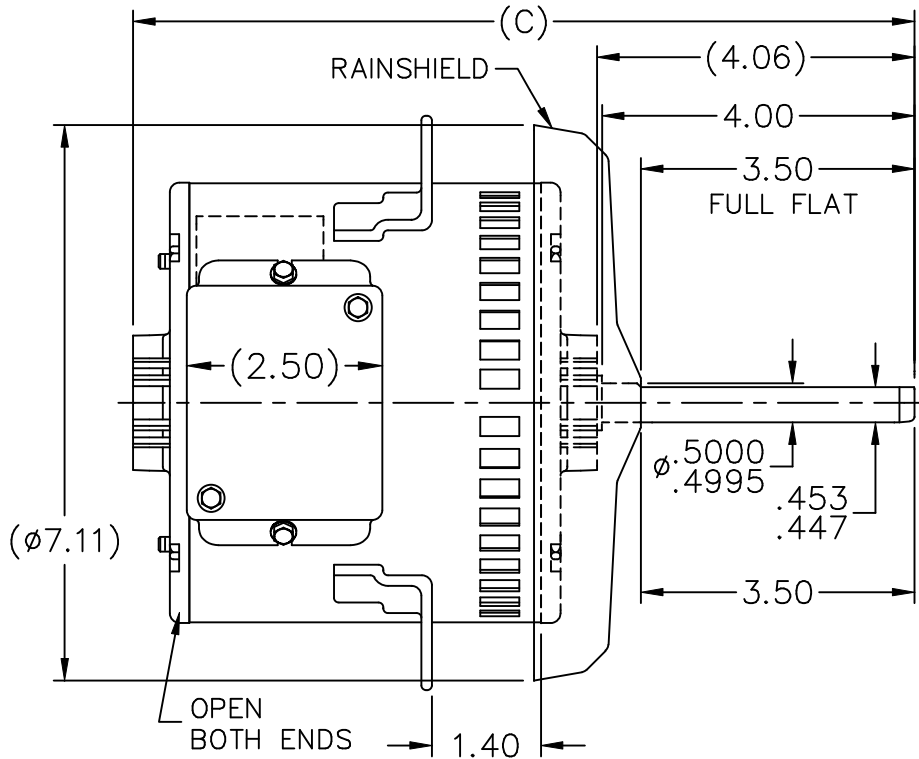
Technical Specifications

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 Drawing	9513977

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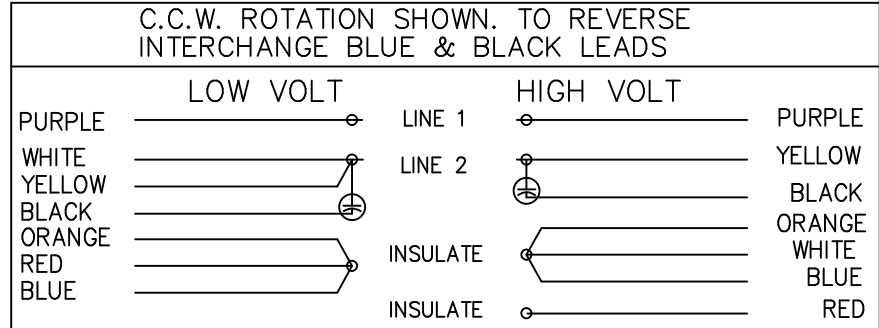
TERM. END

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.



NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED	
				ANG	INCHES
5	UPDATED DRAWING	RJW 04-13-2007		DEC.	±.1
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

MARATHON ELECTRIC

TITLE OUTLINE

MAT'L.

FINISH

DRAWN	BLR 01-16-1996
CHK	ML 01-17-1996
APPD	TOM 01-17-1996
SCALE	13=32
REF	
FMF	
PREV	

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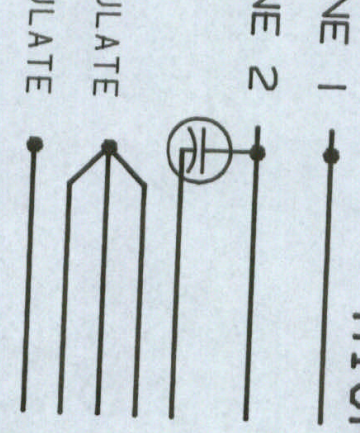
A - 9513977

DOWN. TO REVERSE, IN LEADS
CHANGE BLUE WITH BLACK LEADS

HIGH VOLT
PURPLE

YELLOW

BLACK
ORANGE
WHITE
BLUE
RED



ROUGHNESS
NOTED OTHERWISE

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

MAPATHON
ELECTRICAL SUPPLIES
WAUSAU, WISCONSIN 54401

DRAWN BY	RM	1-24-92
CHECKED BY	ML	1-28-92
APPROVED BY		

DIAGRAM INSERT

DRWG NO
A - 9513977



MARATHON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at

460

Volts

HP 0.50

PHASE 1

Model No 48A11O1744

60

HZ

VOLTS 208-230/460

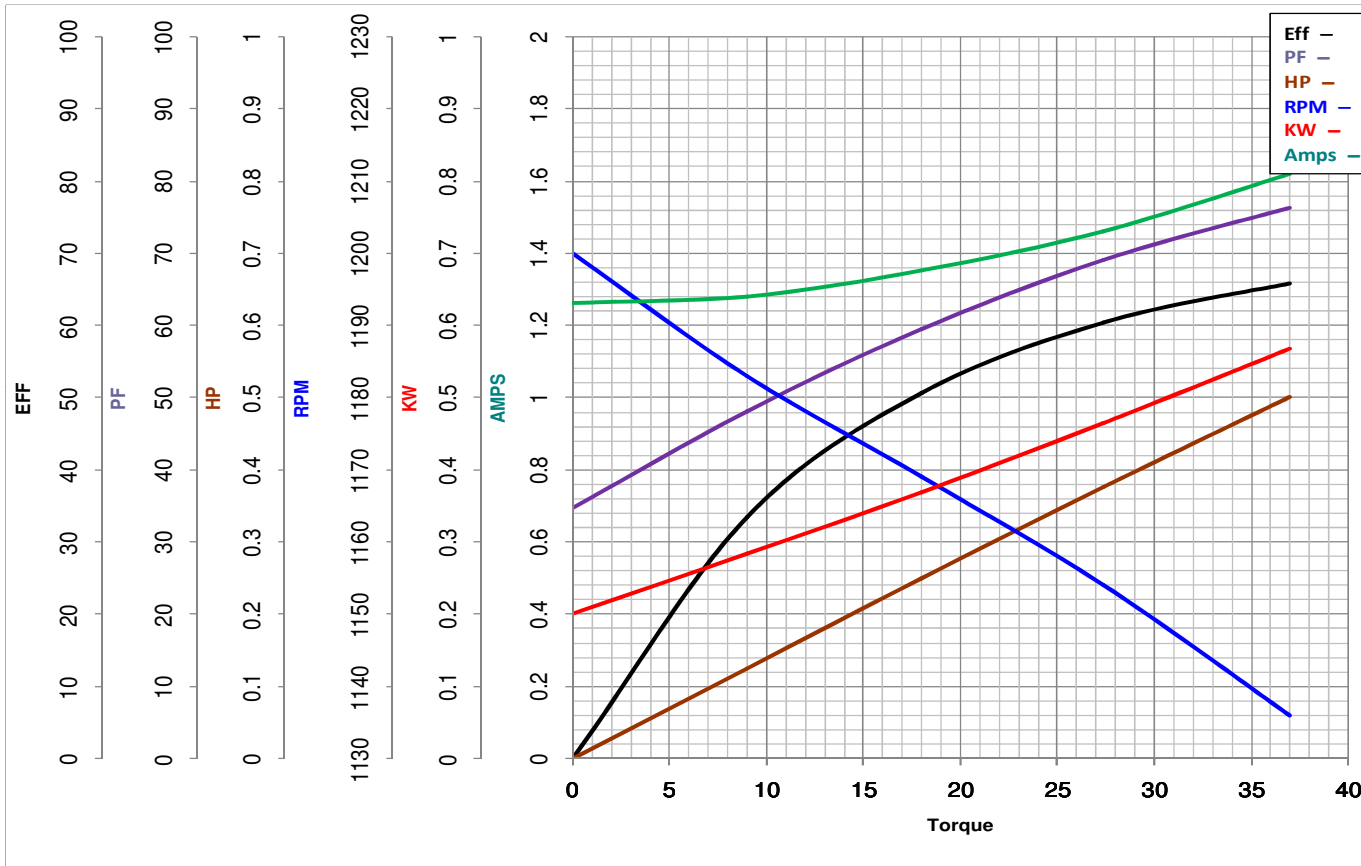
0.5

HP

Catalog No X405

HZ 60

RPM 1075



Torque in Oz.Ft

FL TORQUE 37 Oz.Ft
BD TORQUE 84.6 Oz.Ft
LR TORQUE 22.5 Oz.Ft

FL AMPS 3.6-3.6/1.8
PU TORQUE 21.8 Oz.Ft
LR AMPS 5.6

WINDING PE4861835-3

Date 1/16/2019