

PRODUCT INFORMATION PACKET

Model No: 048A8O182
Catalog No: X097
1/4,825,OPEN,48Y,1/60/208-230
Condenser Fans



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Nameplate Specifications

| | | | |
|----------------------------|----------------------|------------------------|----------------------------------|
| Output HP | 0.25 Hp | Output KW | 0.19 kW |
| Frequency | 60 Hz | Voltage | 208-230 V |
| Current | 1.8-1.8 A | Speed | 825 rpm |
| Service Factor | 1 | Phase | 1 |
| Efficiency | 55 % | Duty | Continuous |
| Insulation Class | B | Design Code | NO DESIGN CODE |
| KVA Code | B | Frame | 48Z |
| 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 | | |

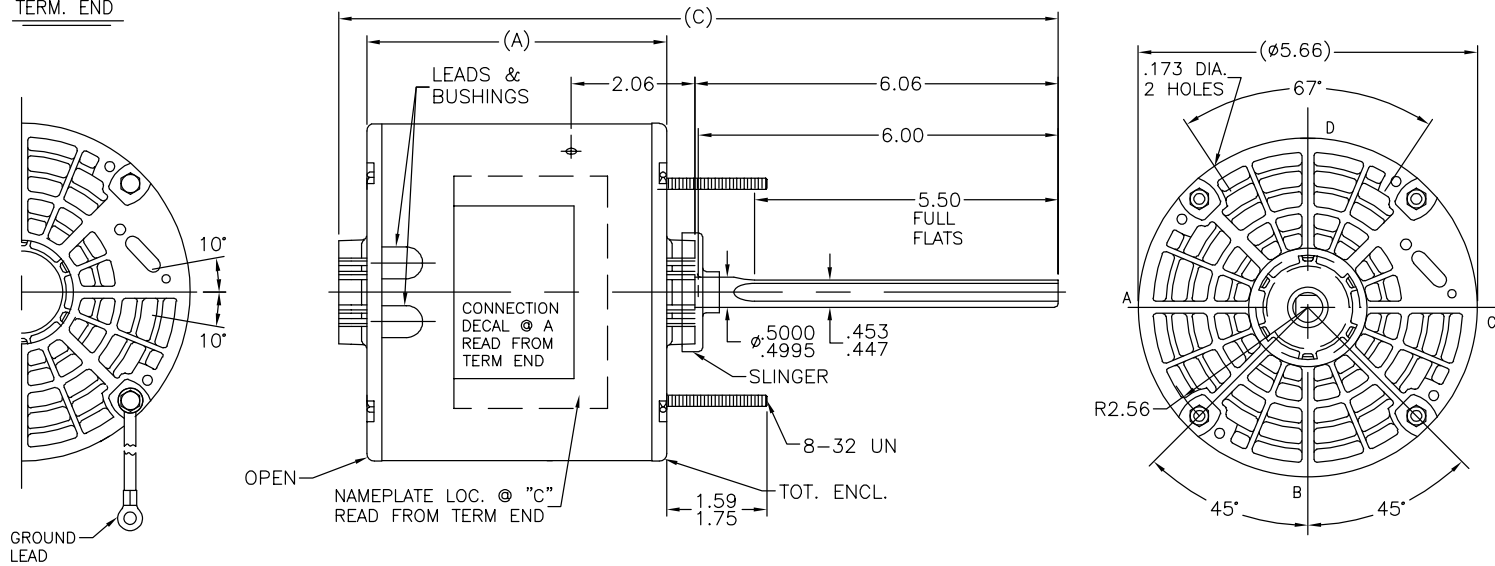
Technical Specifications

| | | | |
|-----------------------|----------------------------------|-----------------------|-----------------------------------|
| Electrical Type | Permanent Split Capacitor | Starting Method | Across The Line |
| Poles | 8 | Rotation | Selective Counterclockwise |
| Mounting | Round - Extended Studs | Motor Orientation | Horizontal |
| Drive End Bearing | Ball | Opp Drive End Bearing | Ball |
| Frame Material | Rolled Steel | Shaft Type | Single Special Extension |
| Overall Length | 11.44 in | Frame Length | 4.00 in |
| Shaft Diameter | 0.500 in | Shaft Extension | 6.06 in |
| Assembly/Box Mounting | F1 Only | | |
| Outline Drawing | A-SS73901-400 | Connection Diagram | 6906496 |

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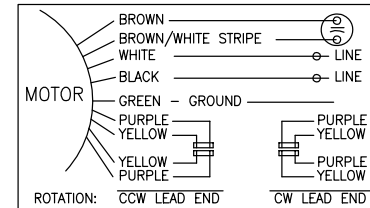
SS73901

TERM. END



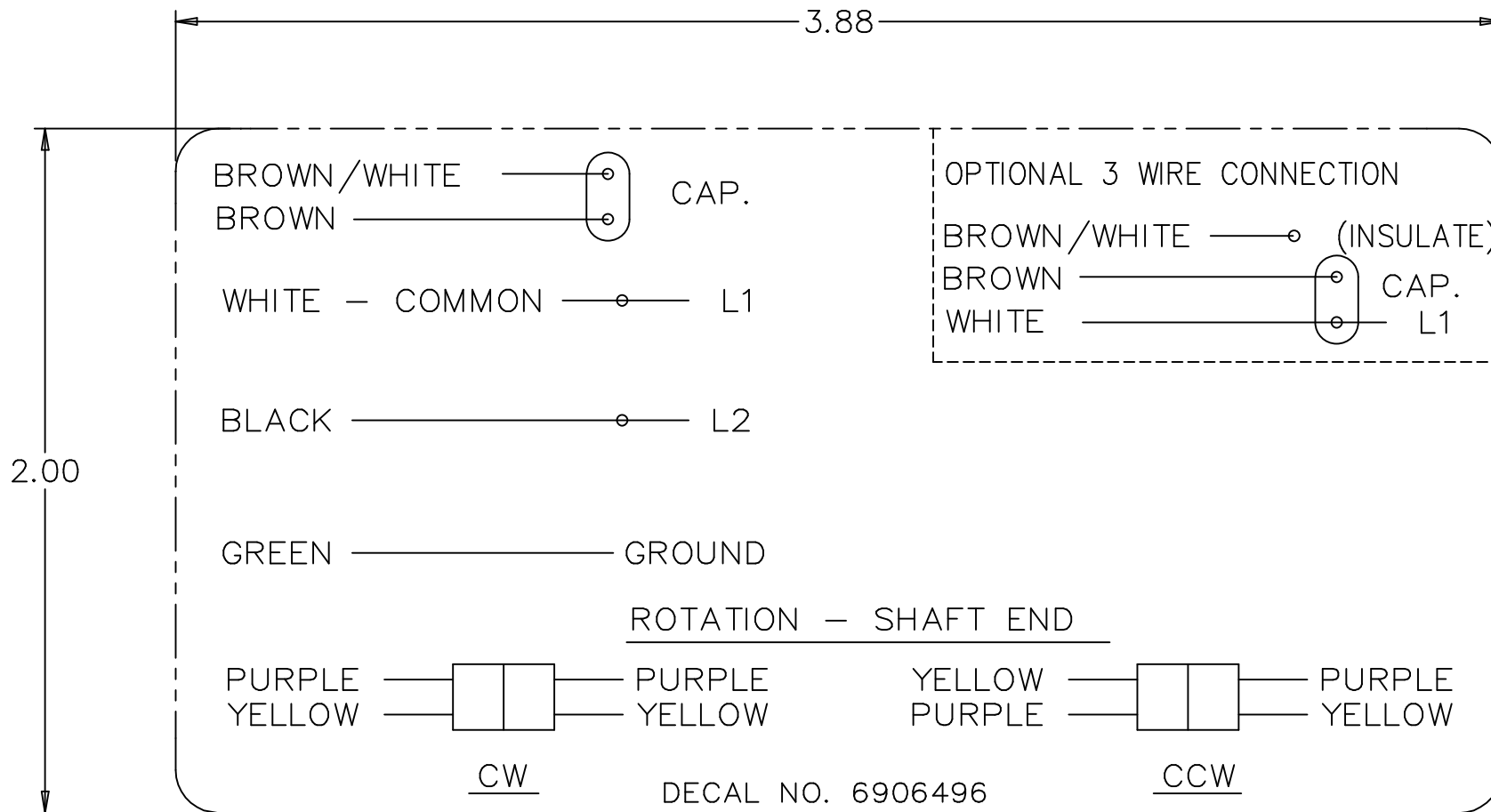
LEAD DESCRIPTION:

- 1 BLACK, AND 1 WHITE LEAD WITH .50 BARE WIRE STRIP 30.00" LONG.
- 2 BROWN CAPACITOR LEADS WITH .25 FLAG-TYPE QUICK CONNECTS 30.00" LONG BROWN WITH WHITE MARK IS COMMON TO WHITE LEAD.
- REVERSING LEADS ARE MOLDED INTO MATING PULL APART PLUGS 1 PURPLE, AND 1 YELLOW PER PLUG 5.00" LONG.
- GROUND LEAD WITH TERM. FOR #10 SCREW 12.00" LONG.



| DASH | FRAME | C | A |
|------|-------|-------|------|
| 375 | 48Y | 11.19 | 4.25 |
| 400 | 48Y | 11.44 | 4.50 |
| 450 | 48Y | 11.94 | 5.00 |
| 475 | 48Y | 12.19 | 5.25 |
| 500 | 48Y | 12.44 | 5.50 |

| NO. | REVISION | BY & DATE | CHK | ANG | ±7'30" | FINISH | TOLERANCES UNLESS SPECIFIED | | REGAL™ Regal Beloit America, Inc. | TITLE OUTLINE | MAT'L. | PREV | | |
|--|-----------------------------|-------------------------|-----|-------|--------|--------|-----------------------------|------------------|-----------------------------------|---------------|---------------------|---------------------|-----------|--------|
| | | | | | | | DEC. | INCHES | | | | | | |
| 8 | UPDATED DRAWING | TJW 03/30/2007 | | DEC. | INCHES | | | | | | DRAWN RM 03-17-1992 | | | |
| 7 | REDRAWN IN AUTOCAD | TAT 07-22-2004 | ML | .X | ±.1 | | | | | | CHK ML 03-17-1992 | | | |
| 6 | REVISED LEAD LENGTHS | CN 21148 BLR 09-28-1995 | | .XX | ±.03 | | | | | | APPD GK 03-17-1992 | | | |
| 5 | STUD EXT. WAS 1.71/1.58 | CN 6402 RM 08-31-1992 | | .XXX | ±.005 | | | | | | SCALE 3=8 | | | |
| 4 | REDRAWN AND UPDATED AN CADD | RM 03-17-1992 | | .XXXX | ±.0005 | | | | | | REF | | | |
| | | | | | | | | | | | FMF | | | |
| | | | | | | | | | | | PREV | | | |
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DECAL NO. 6906496

| NO. | REVISION | BY & DATE | CHK | TOLERANCES UNLESS SPECIFIED | | FINISH | DRAWN MRB 04-16-1998 | | | |
|--|---|----------------|---------|-----------------------------|--------|--|------------------------|---------------------|---------|--------|
| | | | | DEC. | INCHES | | | | | |
| 4 | ADDED DIM. TO DECAL | RDH 09/22/2003 | ML | .X | ±.1 | REGAL-BELOIT <i>Motor Technologies</i> | CHK ML 04-22-1998 | | | |
| 3 | REMOVED 'MARATHON ELECTRIC' CN 35106 | DRS 05-01-2002 | TOM | .XX | ±.02 | | TITLE CONNECTION DECAL | APPD GK 04-22-1998 | | |
| 2 | PART NAME WAS CONNECTION DIAGRAM CN 25669 | MRB 04-23-1998 | | .XXX | ±.005 | | | SCALE 1=1 | | |
| 1 | NEW DRAWING CN 25669 | MRB 04-22-1998 | | .XXXX | ±.0005 | | MAT'L. | REF | | |
| | | | | ANG | ±7'30" | | FMF | | | |
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