

PRODUCT INFORMATION PACKET

Model No: 048A11T529

Catalog No: X413

0.33 HP Condenser Fans HVAC/R Motor, 1 phase, 1200 RPM, 208-230 V, 48Z Frame, TEAO
Condenser Fans Motors



Nameplate Specifications

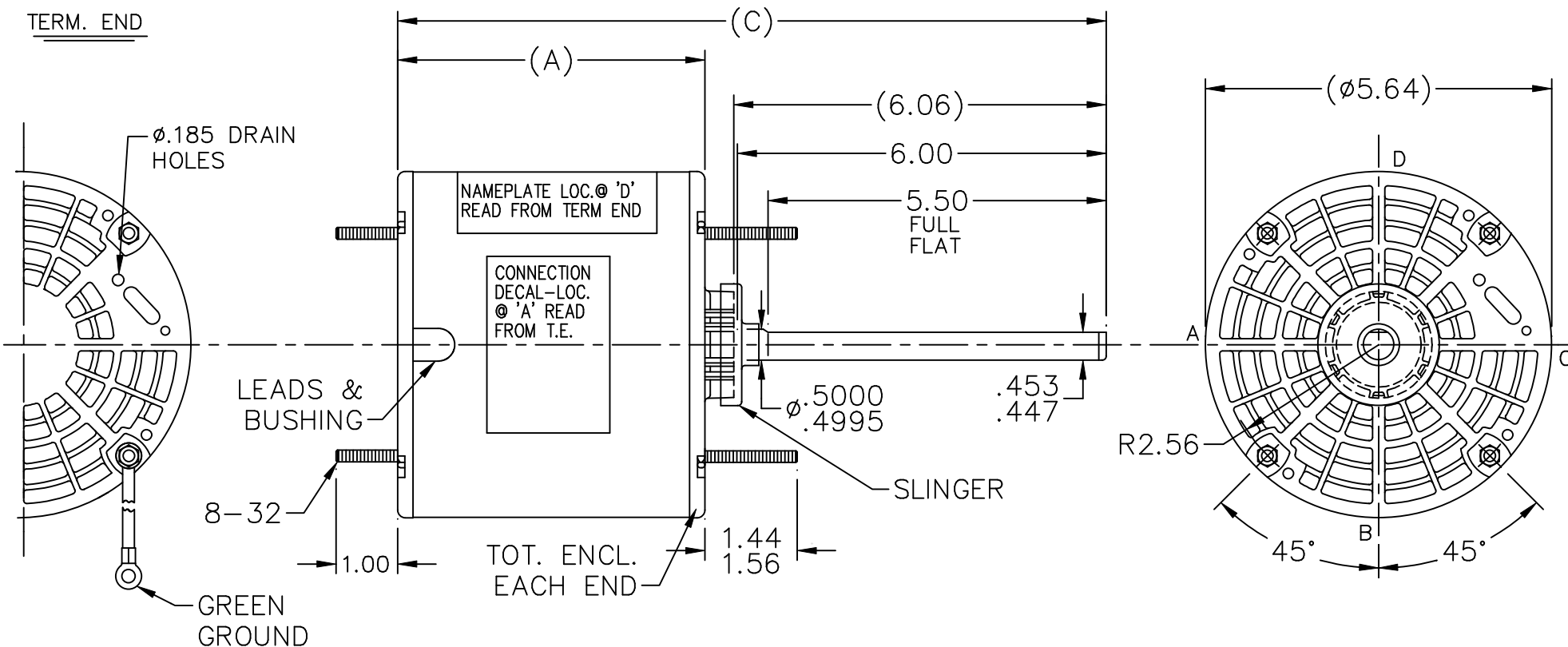
| | | | |
|------------------------|----------------------------------|----------------------------|----------------------------------|
| Output HP | 0.33 Hp | Output KW | 0.25 kW |
| Frequency | 60 Hz | Voltage | 208-230 V |
| Current | 1.9-1.9 A | Speed | 1075 rpm |
| Service Factor | 1 | Phase | 1 |
| Efficiency | 68 % | Power Factor | 93 |
| Duty | Continuous | Insulation Class | B |
| Design Code | N | KVA Code | C |
| Frame | 48Z | Enclosure | Totally Enclosed 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 | 43 |

Technical Specifications

| | | | |
|-----------------------|----------------------------------|-----------------------|-----------------------------------|
| Electrical Type | Permanent Split Capacitor | Starting Method | Across The Line |
| Poles | 6 | Rotation | Selective Counterclockwise |
| Resistance Main | 0 Ohms | Mounting | Round - Extended Studs |
| Motor Orientation | Horizontal Or Shaft Down | Drive End Bearing | Ball |
| Opp Drive End Bearing | Ball | Frame Material | Rolled Steel |
| Shaft Type | Single Special Extension | Overall Length | 11.25 in |
| Frame Length | 4.25 in | Shaft Diameter | 0.500 in |
| Shaft Extension | 6.06 in | Assembly/Box Mounting | F1 ONLY |
| Connection Drawing | 6906496 | Outline Drawing | A-SS403870-425 |

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TERM. END



LEAD DESCRIPTION:

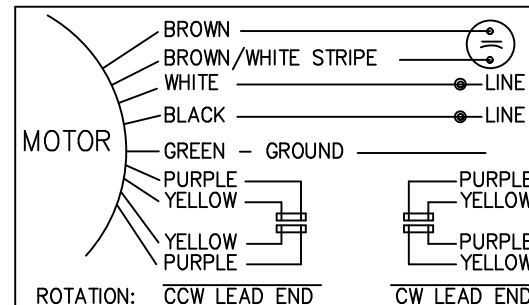
1 WHITE, 1 BLACK W/BARE WIRE STRIPPED .50, 30.00" LONG.

1 BROWN & 1 BROWN W/WHITE MARK W/.25 FLAG TYPE QUICK CONNECT, 30.00 LONG. BROWN LEAD W/WHITE MARK IS COMMON TO WHITE.

PURPLE AND YELLOW REVERSING LEADS ARE MOLDED INTO MATING PULL APART PLUGS, 5.00" LONG.

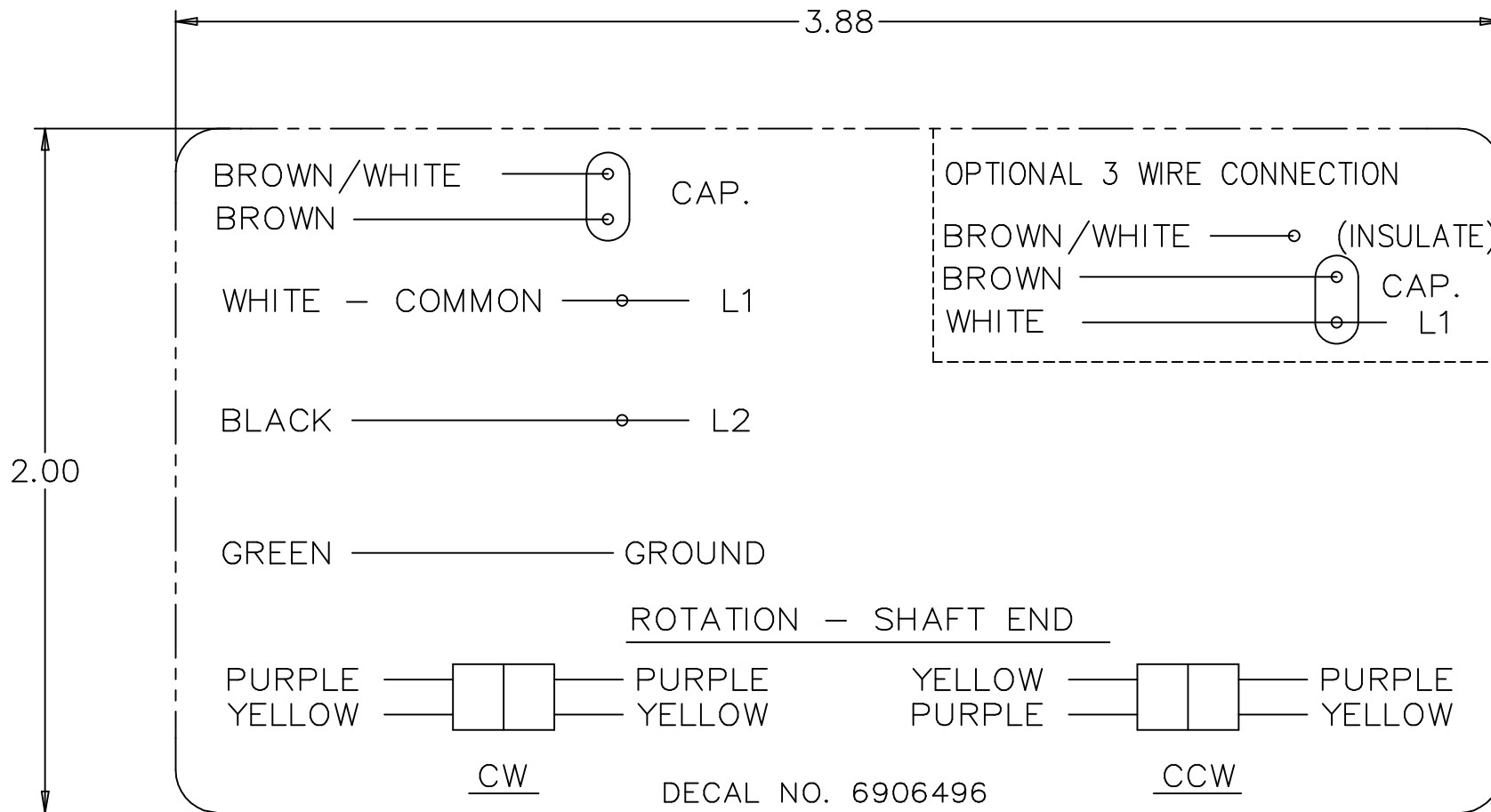
GREEN GROUND WITH TERM. FOR #10 SCREW, 12.00" LONG.

| DASH | FRAME | C | A |
|------|-------|-------|------|
| 325 | | 10.25 | 3.75 |
| 375 | | 10.75 | 4.25 |
| 425 | | 11.25 | 4.75 |
| 450 | | 11.50 | 5.00 |
| 475 | | 11.75 | 5.25 |



| | | | | TOLERANCES UNLESS SPECIFIED | | MARATHON ELECTRIC | DRAWN SP 06-24-2009 | | | |
|-----|----------|-----------|-----|-----------------------------|------------|------------------------------|---------------------|----------------------|-------------|------|
| | | | | DEC. | INCHES | | CHK NB 06-24-2009 | | | |
| | | | | .X | ±.1 | | TITLE OUTLINE | APPD SP 06-24-2009 | SCALE 1=2.5 | |
| | | | | .XX | ±.03 | | | REF SS400433 | FMF 09-1916 | |
| | | | | .XXX | ±.005 | | | PREV | | |
| | | | | .XXXX | ±.0005 | | | | | |
| NO. | REVISION | BY & DATE | CHK | ANG | ±'30" | FINISH | | | | |
| | | | | RFP | 06-24-2009 | CAD FILE SS403870 | SIZE A | DRAWING NO. SS403870 | PAGE OF | REV. |
| | | | | DIST | WP | | | | | |

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| 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 | | | |
| | | | | | | | PREV | | | |
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| | | | DIST WP | | | | | | | |



MARATHON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at

230 Volts
60 HZ
0.33 HP

HP 0.33

PHASE 1

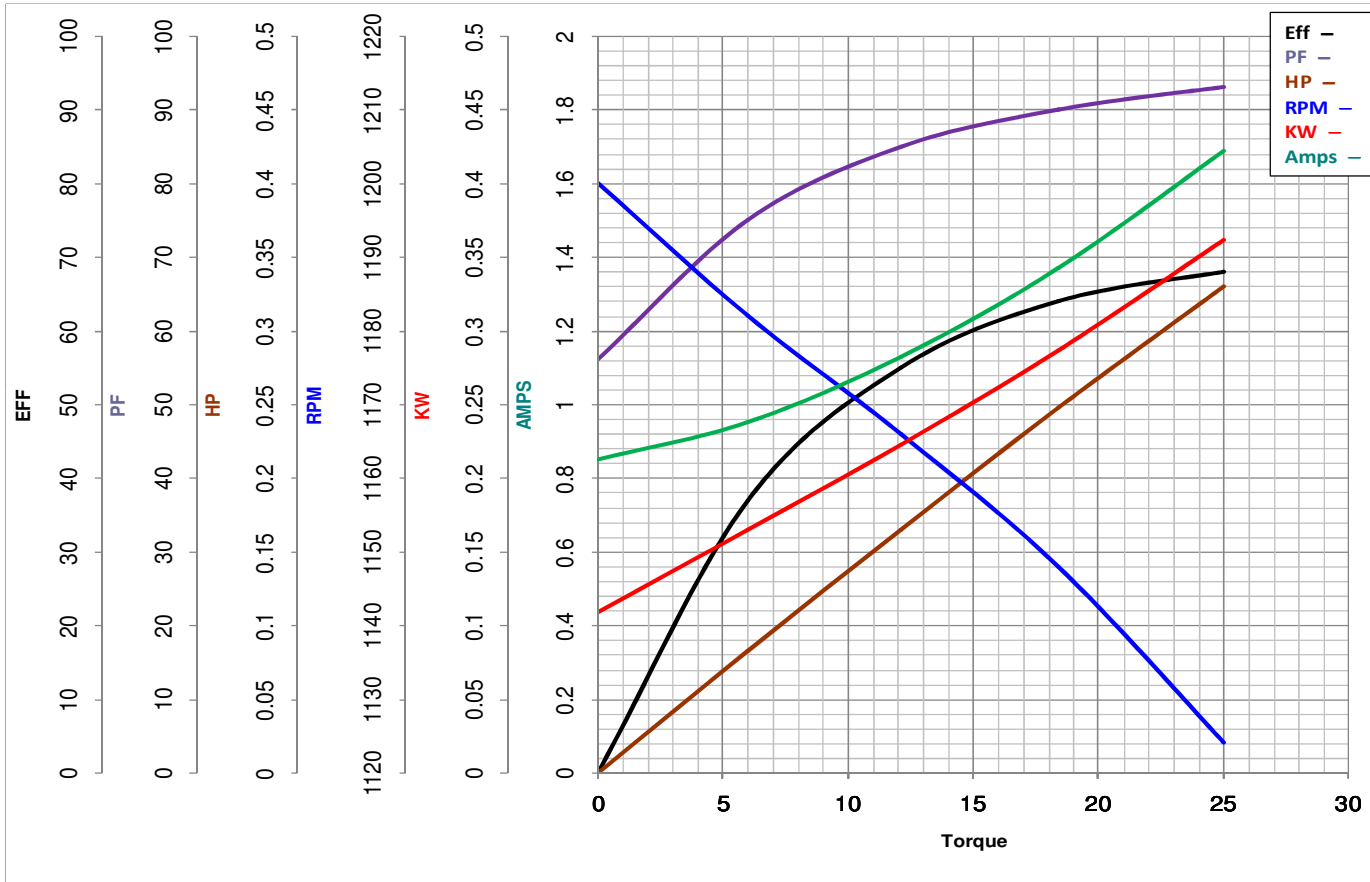
Model No 48A11T529

VOLTS 208-230

Catalog No X413

HZ 60

RPM 1075



Torque in Oz.Ft

FL TORQUE 25 Oz.Ft
BD TORQUE 42.4 Oz.Ft
LR TORQUE 9.39 Oz.Ft

FL AMPS 1.9-1.9
PU TORQUE 8.6 Oz.Ft
LR AMPS 5.24

WINDING PE4861727-2

Date 1/4/2019