

PRODUCT INFORMATION PACKET



Model No: 9476B

Catalog No: 9476B

Fan Coil & Air Conditioner Motor, 1/6,1/8,1/10,1/15 HP, 1 Ph, 60 Hz, 115 V, 1625 RPM, 4 Speed,
42 Frame, OAO



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Nameplate Specifications

| | | | |
|---------------------|--------------------|--------------------|----------------------|
| Phase | 1 | Output HP | 1/6,1/8,1/10,1/15 Hp |
| Voltage | 115 V | Speed | 1625 rpm |
| Service Factor | 1.0 | Frame | 42 |
| Enclosure | Open Air Over | Thermal Protection | Automatic |
| Ambient Temperature | 40 °C | Frequency | 60 Hz |
| Current | 2.17,1.58,1.22,1 A | Duty | Continuous Air Over |
| Insulation Class | B | UL | Recognized |
| CSA | Y | CE | N |
| Number of Speeds | 4 | | |

Technical Specifications

| | | | |
|-----------------------|---------------------------|-------------------|---------------------------|
| Electrical Type | Permanent Split Capacitor | Starting Method | Across The Line |
| Poles | 4 | Rotation | Counterclockwise Lead End |
| Mounting | Resilient Base | Drive End Bearing | Ball |
| Opp Drive End Bearing | Ball | Frame Material | Rolled Steel |
| Shaft Type | Flat | Frame Length | 4.58 in |
| Shaft Diameter | 0.500 in | Shaft Extension | 9.75x.5x9.75 in |
| Outline Drawing | 71850441R | | |

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Motor Details

| | | | |
|-------------------------------------|------------------------------|-------------------------|---|
| Model : | 71850441R | Catalog Number : | |
| General: | | | |
| Application : | N/R | Motor Category : | COMPLETE MOTOR |
| Phases : | 1 | Production Status : | PROD |
| # of Speeds : | 4 | Stock Status : | |
| Testspec : | 82850441-1 | Approved For Sale : | |
| Horiz/Vertical : | HOR | Restricted Model : | |
| Shell Enclosure : | OPEN | Customer : | DISTRIBUTION SERVICE |
| Endshield Enclosure : | OPEN | Customer Part# : | 9476B |
| Nameplate Data: | | | |
| Horsepower : | 1/6-1/8-1/10-1/15 | GE Type : | KCP |
| RPM : | 1625/4 SPD | Time Rating : | AO |
| Voltage : | 115 | Frequency : | 60 |
| FL Amps : | 2.17 1.58 1.22 1.0 | Insulation Class: | B |
| Capacitor 1mFd/V : | 5.00/370 | Capacitor 2mFd/V : | N/R |
| Additional Information : | N/R | | |
| Miscellaneous: | | | |
| Fullload RPM - HI : | 1620 | GE Frame : | 42 |
| Poles : | 4 | Shell Length : | 4.125 |
| Rotation : | CCW | Drains : | N |
| Thermal Protection : | | Est. Weight : | -10 |
| Finish Color: | BLACK | Capacitor By : | RBC |
| OVERLOAD INFORMATION:: | | | |
| Protector: | 24A100514P7 | Overload Temp : | 135/125 |
| Catalog No: | 7AM033A54818C | Vendor Name: | TEXAS INSTRUMENTS |
| THERMAL CUT-OFF INFORMATION: | | | |
| TCO: | N/A | Overload Temp : | N/A |
| Catalog No: | N/A | Vendor Name: | N/A |
| U.L.CONSTRUCTION FILES: | | | |
| Motor Construction: | E46035(excluding SME) | Class B Insulation : | E306343(excluding SME) |
| Over Load : | E27885(excluding SME) | CSA(REY) : | MC236833(excluding SME) |
| Shaft: | | | |
| PE Type : | FLAT | OPE Type : | FLAT |
| PE Length : | 9.75 | OPE Length : | 9.75 |
| PE Diameter : | .5 | OPE Diameter : | .5 |
| PE Flat Length : | 9.00 | OPE Flat Length : | 9.00 |
| Endshields: | | | |
| PE Material : | AL | OPE Material : | AL |
| PE Hub Type : | STD | OPE Hub Type : | STD |
| PE Oiler : | N/R | OPE Oiler : | N/R |
| PE Oil Plug : | N/R | OPE Oil Plug : | N/R |
| PE Mounting Holes : | N/R | OPE Mounting Holes : | N/R |
| Bearings: | | | |
| PE Bearing Type : | BALL | OPE Bearing Type : | BALL |
| Bearing Protection : | No | Rohs Compliant : | Yes |
| Mounting: | | | |
| Base : | RB | Lug : | N/R |
| Clamp Screw : | Yes | Weld Screw : | No |
| Base: | | | |
| Type : | STD 29 | Height : | 3.5 |
| Reversed : | N | Assembly Angle : | 180 degrees CW from Oil boss viewed from OPE of the motor. |
| Extended Clamp Screws: | | | |
| PE Pattern : | | OPE Pattern : | |
| PE Length : | 0.09 | OPE Length : | 0.00 |
| PE Nut Qty : | 1 | OPE Nut Qty : | 0 |
| Head End : | OPE | Screw Size : | #8 |
| Nut Thickness : | N/R | | |
| Lead & Cord : | | | |
| Lead End : | OPE | Lead Type : | SINGLE COND |
| Lead Exit H/W : | NYLON GROMMET | Lead Harness Desc : | N/R |
| Lead Exit H/W Orient. : | N/R | | |
| Conductor ID : | | | |
| Exit : | COMM-FIXED LINE | Length : | 26 |
| Color : | WHITE | Mat'l Spec : | 18 4/64 XLPE |
| Termination : | .50 BWS | Slot ID : | N/A |
| Conductor ID : | CAPACITOR | | |

| | | | |
|----------------|---------------------------------|--------------|---------------------|
| Exit : | 4:00 - NYLON GROMMET | Length : | 0 |
| Color : | BROWN | Mat'l Spec : | 18 4/64 XLPE |
| Termination : | .25 SQC | Slot ID : | N/A |
| Conductor ID : | CAPACITOR | | |
| Exit : | 4:00 - NYLON GROMMET | Length : | 0 |
| Color : | BR/WH | Mat'l Spec : | 18 4/64 XLPE |
| Termination : | .25 SQC | Slot ID : | N/A |

Note : Exit position is viewed from the Lead End with the Shell Weld at 6:00.

Grounding :

| | | | |
|-------------|----------------------------|-----------------------------|--|
| Type : | LEAD | Location : | 4:30 viewed from PE with Oil boss at 12:00 |
| Exit Type : | CLAMPSCREW | AWG Size : | 16 |
| Length : | 6.00 | Color : | GRN-YEL |
| Terminal : | #10 SERRATED EYELET | Ins.Material & Thickness | 2/64 THRMOPLAST |

Diagrams and Dimensions :

| | | | |
|----------------------|-------------------------|--------------------|--------------------|
| Outline Drawing : | 71850441R | C-Dimension : | 24.05 |
| Connection Diagram : | 24B200217 Fig# 2 | Connection Label : | NP24X350208 |

Notes :

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