

PRODUCT INFORMATION PACKET

Model No: 184TBDR7001

Catalog No: I108

Air Compressor Motor, 7.50 HP, 1 Ph, 60 Hz, 208-230 V, 3600 RPM, 184T Frame, DP



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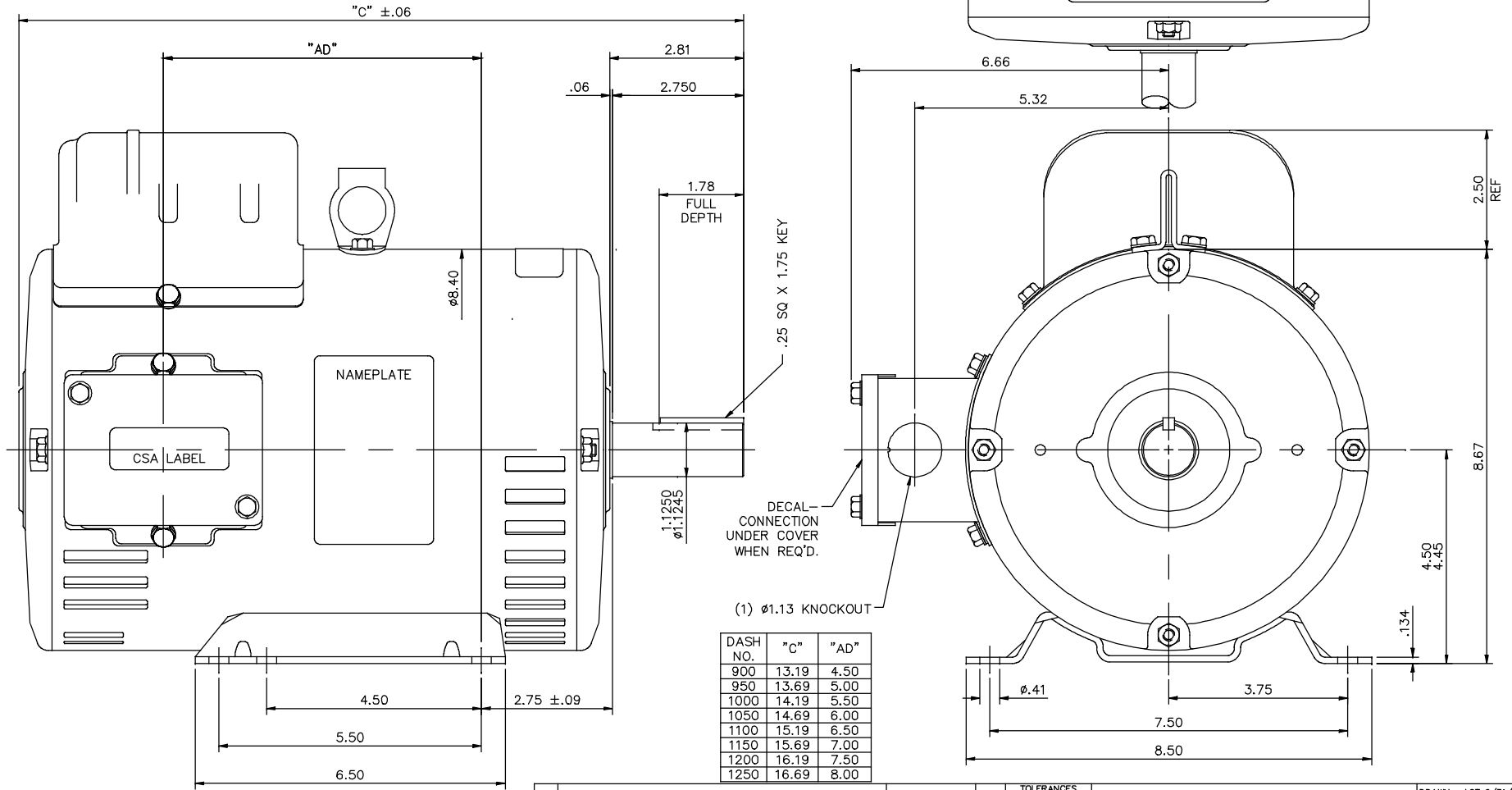
Nameplate Specifications

| | | | |
|------------------------|---------------|----------------------------|------------|
| Output HP | 7.50 Hp | Output KW | 5.6 kW |
| Frequency | 60 Hz | Voltage | 208-230 V |
| Current | 34.0-31.0 A | Speed | 3450 rpm |
| Service Factor | 1.15 | Phase | 1 |
| Efficiency | 82.5 % | Power Factor | 93.5 |
| Duty | Continuous | Insulation Class | F |
| Design Code | L | KVA Code | H |
| Frame | 184T | Enclosure | Drip Proof |
| Thermal Protection | No Protection | Ambient Temperature | 40 °C |
| Drive End Bearing Size | 6206 | Opp Drive End Bearing Size | 6205 |
| UL | Recognized | CSA | N |
| CE | N | IP Code | 22 |
| Number of Speeds | 1 | | |

Technical Specifications

| | | | |
|-----------------------|-------------------------------|-----------------------|----------------------------|
| Electrical Type | Capacitor Start Capacitor Run | Starting Method | Across The Line |
| Poles | 2 | Rotation | Selective Counterclockwise |
| Resistance Main | .214 Ohms | Mounting | Rigid Base |
| Motor Orientation | Horizontal | Drive End Bearing | Ball |
| Opp Drive End Bearing | Ball | Frame Material | Rolled Steel |
| Shaft Type | T | Overall Length | 16.69 in |
| Frame Length | 12.50 in | Shaft Diameter | 1.13 in |
| Shaft Extension | 2.81 in | Assembly/Box Mounting | F1 ONLY |
| Outline Drawing | 035514-1250 | Connection Drawing | 0050181-01ME |

035514



GASKETS THROUGHOUT

| | | TOLERANCES UNLESS SPECIFIED | | DRAWN LST 8/31/06 | |
|--|-----------------------------------|-----------------------------|----------|-------------------|--|
| | | DEC. | INCHES | CHK | RW 8/31/06 |
| | | X | ±.1 | APPD | KH 8/31/06 |
| | | XX | ±.03 | TITLE | OUTLINE- 180T FRAME DRIP PROOF- RIGID |
| 02 | KNOCK OUT WAS 1.34 | MVG | 09/05/17 | GR | XXX ±.005 |
| 01 | CHANGED TO NEW CONDUIT BOX 022737 | YS | 04/08/08 | XXXX | ±.0005 |
| NO. | REVISION | BY & DATE | | CHK | ANG ±1/2" |
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| | | CAD FILE | | 035514 | SIZE |
| | | | | B | DRAWING NO. |
| | | | | | 035514 |
| | | | | | REV. |
| | | | | | 02 |

