

PRODUCT INFORMATION PACKET



Model No: 184TTDR4002

Catalog No: E109

Close-Coupled Pump Motor, 7.50 & 5 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 & 3000 RPM,
184JM Frame, DP

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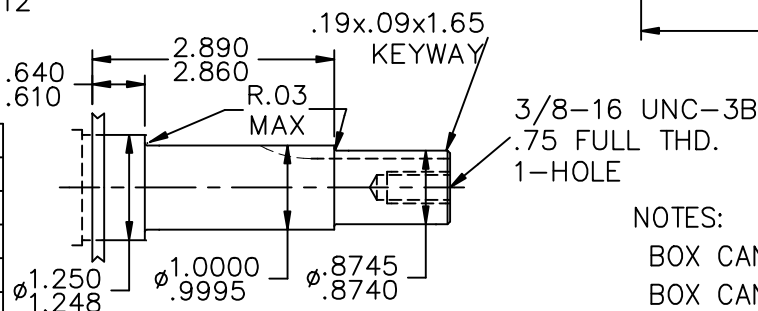
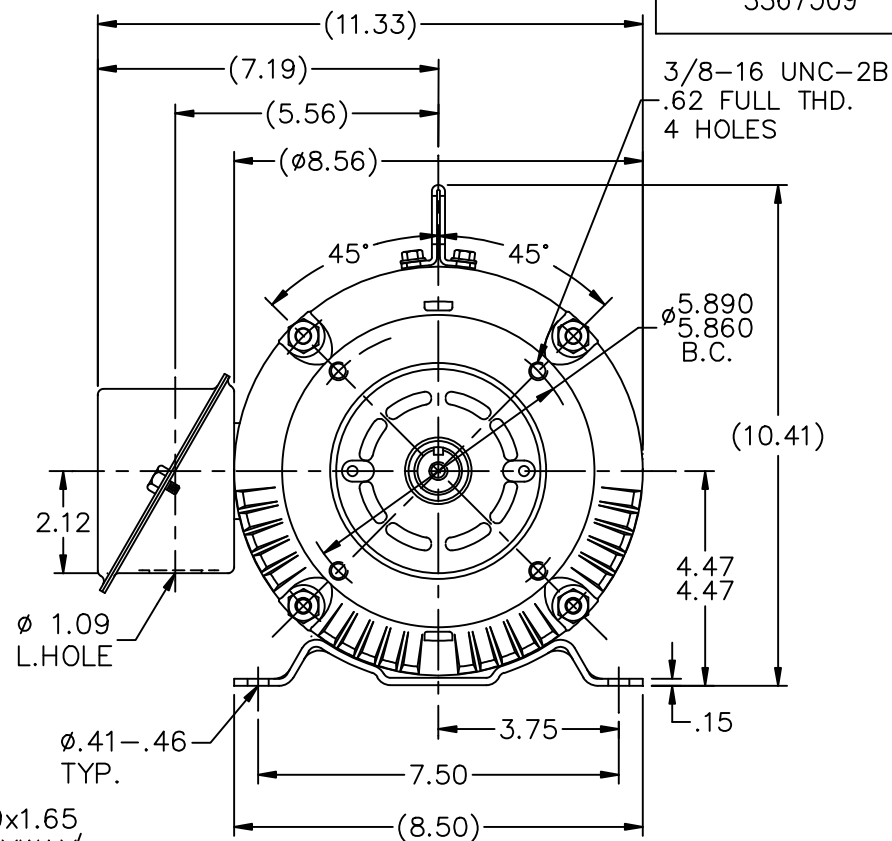
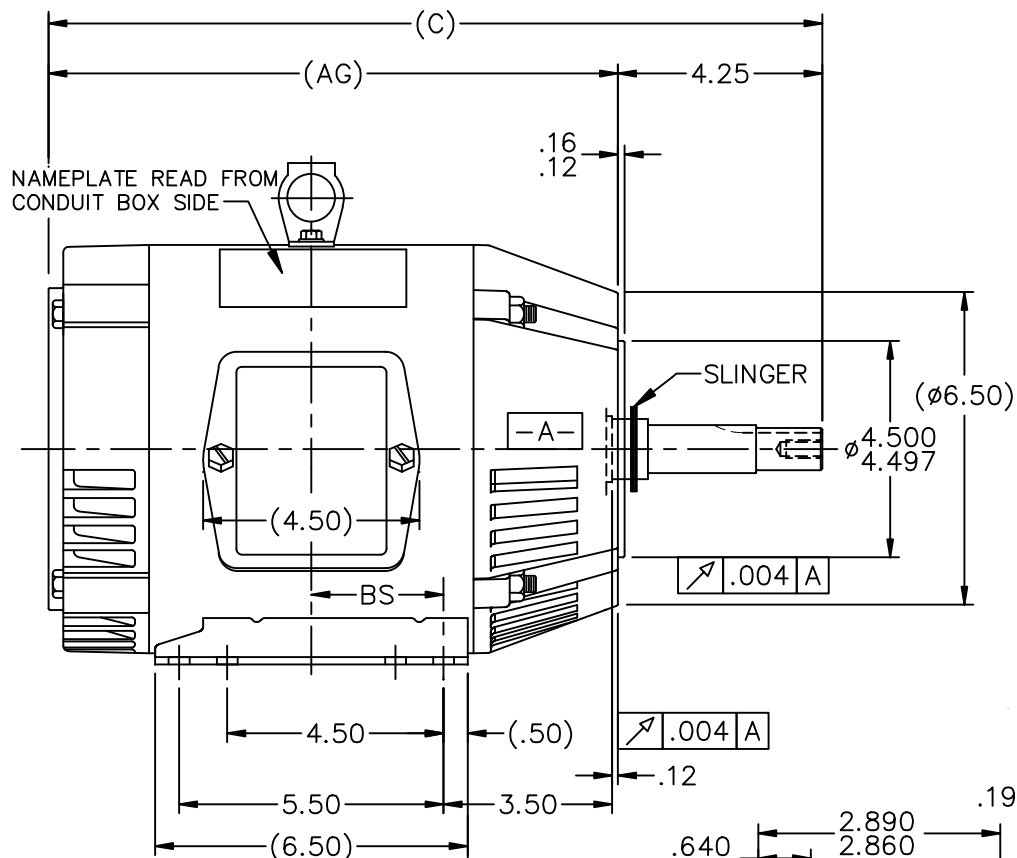
Nameplate Specifications

| | | | |
|------------------------|-----------------------|----------------------------|---------------------|
| Phase | 3 | Output HP | 7.50 & 5 Hp |
| Output KW | 5.6 & 3.7 kW | Voltage | 230/460 & 190/380 V |
| Speed | 3460 & 2900 rpm | Service Factor | 1.15 & 1.15 |
| Frame | 184JM | Enclosure | Drip Proof |
| Thermal Protection | No Protection | Efficiency | 87.5 & 87.5 % |
| Ambient Temperature | 40 °C | Frequency | 60 & 50 Hz |
| Current | 17.6/8.8 & 14.4/7.2 A | Power Factor | 90.5 |
| Duty | Continuous | Insulation Class | B |
| Design Code | B | KVA Code | H |
| Drive End Bearing Size | 6307 | Opp Drive End Bearing Size | 6205 |
| UL | Recognized | CSA | Y |
| CE | Y | IP Code | 22 |
| Number of Speeds | 1 | | |

Technical Specifications

| | | | |
|-----------------------|-----------------------------|-----------------------|-----------------|
| Electrical Type | Squirrel Cage Induction Run | Starting Method | Across The Line |
| Poles | 2 | Rotation | Reversible |
| Resistance Main | 1.86 Ohms | Mounting | Rigid Base |
| Motor Orientation | Horizontal | Drive End Bearing | Ball |
| Opp Drive End Bearing | Ball | Frame Material | Rolled Steel |
| Shaft Type | JM | Overall Length | 17.09 in |
| Frame Length | 7.75 in | Shaft Diameter | 0.875 in |
| Shaft Extension | 4.28 in | Assembly/Box Mounting | F1 ONLY |
| Connection Drawing | A-EE7308 | Outline Drawing | A-SS67309-775 |

SS67309



DETAIL OF SHAFT EXT.

NOTES:

BOX CAN BE ROTATED IN 90° STEPS.
BOX CAN BE MOUNTED ON OPPOSITE SIDE BY
REMOVING BRACKETS AND TURNING FRAME 180°

| DASH | FR | AG | C | BS | MOUNTING |
|------|--------|-------|-------|------|----------|
| 575 | 182T | 10.84 | 15.09 | 2.25 | F1 OR F2 |
| 625 | 182T | 11.34 | 15.59 | 2.50 | F1 ONLY |
| 675 | 182/4T | 11.84 | 16.09 | 2.75 | F1 OR F2 |
| 725 | 182/4T | 12.34 | 16.59 | 3.00 | F1 ONLY |
| 775 | 182/4T | 12.84 | 17.09 | 3.25 | F1 ONLY |
| 825 | 182/4T | 13.34 | 17.59 | 3.50 | F1 ONLY |
| 875 | 182/4T | 13.84 | 18.09 | 3.75 | F1 ONLY |

| | | | TOLERANCES UNLESS SPECIFIED | | | DRAWN DJK 04-26-1993 | | | |
|--|--|----------------|--------------------------------|--------|--------|--------------------------------------|-------------|------------|------|
| | | | DEC. | INCHES | | CHK | ML | 07-22-1993 | |
| 11 | REDRAWN IN AUTOCAD | TAT 07-06-2004 | ML | .X | ±.1 | | | | |
| 10 | ADDED LIFT LUG CN 34025 | NJS 07-20-2001 | | .XX | ±.03 | TITLE OUTLINE - JM EXT. | | | |
| 9 | ADDED FRAME SIZE TO -825 & -875 CN 27400-320 | CAE 11-03-1999 | | .XXX | ±.005 | 180 FR. - BB - TS - DR.PR. - C' FACE | | | |
| 8 | REVISED DASH TABLE CN 27451 | MRB 05-11-1999 | | .XXXX | ±.0005 | SCALE 1=4 | | | |
| NO. | REVISION | BY & DATE | CHK | ANG | ±7'30" | REF | | | |
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| | | | | | | | | | | |
| 5 | CHG TO REGAL LOGO | SL 09/10/2015 | AB | DEC. | INCHES | | | | | |
| 4 | REVISED IEC NOTATIONS | MSG 11/15/2011 | CMN | .X | ±.1 | | | | | |
| 3 | ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194 | MSG 5/10/2010 | MJS | .XX | ±.02 | | | | | |
| 2 | ADDED THE OPTIONAL CORD CONNECTION MU46318 | RDH 04/24/2003 | DRS | .XXX | ±.005 | | | | | |
| 1 | REDRAWN | RM 11/20/1990 | | .XXXX | ±.0005 | | | | | |
| | | | | | ±7'30" | | | | | |
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| | | | | | | DIST WP | | | | |