

**CERTIFICATION DATA SHEET**

**Model#:** 405TTFC6040 AA  
**CONN. DIAGRAM:** A-EE7300  
**OUTLINE:** B-SS620286

**WINDING#:** CHT40540003 NONE 4  
**ASSEMBLY:** F1/F2 CAPABLE

**TYPICAL MOTOR PERFORMANCE DATA**

| HP  | KW | SYNC. RPM | F.L. RPM | FRAME | ENCLOSURE | KVA CODE | DESIGN |
|-----|----|-----------|----------|-------|-----------|----------|--------|
| 100 | 75 | 1800      | 1785     | 405T  | TEFC      | G        | B      |

| PH | Hz | VOLTS | FL AMPS | START TYPE              | DUTY           | INSL | S.F       | AMB°C | ELEVATION |
|----|----|-------|---------|-------------------------|----------------|------|-----------|-------|-----------|
| 3  | 60 | 575   | 89.5    | Y START D<br>RUN OR INV | CONTINUOU<br>S | F7   | 1.15/1.15 | 40    | 3300      |

| FULL LOAD EFF: 95.4 | 3/4 LOAD EFF: 95.4 | 1/2 LOAD EFF: 95 | GTD. EFF | ELEC. TYPE        | NO LOAD AMPS |
|---------------------|--------------------|------------------|----------|-------------------|--------------|
| FULL LOAD PF: 88    | 3/4 LOAD PF: 86    | 1/2 LOAD PF: 80  | 95       | SQ CAGE INV RATED | 24.8         |

| F.L. TORQUE | LOCKED ROTOR AMPS | L.R. TORQUE   | B.D. TORQUE   | F.L. RISE°C |
|-------------|-------------------|---------------|---------------|-------------|
| 294 LB-FT   | 580               | 500 LB-FT 170 | 800 LB-FT 272 | 60          |

| SOUND PRESSURE @ 3 FT. | SOUND POWER | ROTOR WK^2 | MAX. WK^2   | SAFE STALL TIME | STARTS /HOUR | APPROX. MOTOR WGT |
|------------------------|-------------|------------|-------------|-----------------|--------------|-------------------|
| 75 dBA                 | 85 dBA      | 35 LB-FT^2 | 550 LB-FT^2 | 25 SEC.         | 2            | 1625 LBS.         |

**\*\*\* SUPPLEMENTAL INFORMATION \*\*\***

| DE BRACKET TYPE | ODE BRACKET TYPE | MOUNT TYPE | ORIENTATION | SEVERE DUTY | HAZARDOUS LOCATION | DRIP COVER | SCREENS | PAINT         |
|-----------------|------------------|------------|-------------|-------------|--------------------|------------|---------|---------------|
| STANDARD        | STANDARD         | RIGID      | HORIZONTAL  | FALSE       | NONE               | FALSE      | NONE    | BLUE (ENAMEL) |

| BEARINGS |      | GREASE     | SHAFT TYPE | SPECIAL DE | SPECIAL ODE | SHAFT MATERIAL          | FRAME MATERIAL |
|----------|------|------------|------------|------------|-------------|-------------------------|----------------|
| DE       | OPE  |            |            |            |             |                         |                |
| BALL     | BALL | POLYREX EM | T          | NONE       | NONE        | 1045 HOT ROLLED (C-204) | CAST IRON      |
| 6316     | 6315 |            |            |            |             |                         |                |

| THERMO-PROTECTORS |            |          |          | THERMISTORS | CONTROL | SPACE /n HEATERS |
|-------------------|------------|----------|----------|-------------|---------|------------------|
| THERMOSTATS       | PROTECTORS | WDG RTDs | BRG RTDs |             |         |                  |
| NONE              | NOT        | NONE     | NONE     | NONE        | FALSE   | NONE VOLTS       |

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| INVERTER TORQUE: VARIABLE 10:1<br>INV. HP SPEED RANGE: NONE                 |
| ENCODER: NONE<br>NONE NONE<br>NONE NONE PPR                                 |
| BRAKE: NONE NONE<br>NONE P/N NONE<br>NONE NONE<br>NONE FT-LB NONE V NONE Hz |

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 FORM 3531 REV.3 02/07/99  
 \*\* Subject to change without notice.