

**CERTIFICATION DATA SHEET**

**Model#:** 71T17FH5331 A  
**CONN. DIAGRAM:** 00546801ME  
**OUTLINE:** 16986000ME

**WINDING#:** QT7142 FR 4  
**ASSEMBLY:** F1/F2 CAPABLE

**TYPICAL MOTOR PERFORMANCE DATA**

| HP  | KW  | SYNC. RPM | F.L. RPM | FRAME | ENCLOSURE | KVA CODE | DESIGN |
|-----|-----|-----------|----------|-------|-----------|----------|--------|
| 1/2 | .37 | 1800      | 1695     | 71M   | TEFC      | H        | B      |

| PH | Hz | VOLTS | FL AMPS | START TYPE       | DUTY       | INSL | S.F  | AMB°C | ELEVATION |
|----|----|-------|---------|------------------|------------|------|------|-------|-----------|
| 3  | 60 | 575   | .74     | LINE OR INVERTER | CONTINUOUS | F5   | 1.15 | 40    | 3300      |

| FULL LOAD EFF: 74 | 3/4 LOAD EFF: 73.2 | 1/2 LOAD EFF: 69.5 | GTD. EFF | ELEC. TYPE        | NO LOAD AMPS |
|-------------------|--------------------|--------------------|----------|-------------------|--------------|
| FULL LOAD PF: 70  | 3/4 LOAD PF: 59.5  | 1/2 LOAD PF: 45    | 0        | SQ CAGE INV RATED | .5           |

| F.L. TORQUE | LOCKED ROTOR AMPS | L.R. TORQUE    | B.D. TORQUE    | F.L. RISE°C |
|-------------|-------------------|----------------|----------------|-------------|
| 24 LB-FT    | 3.2               | 62.4 LB-FT 260 | 61.2 LB-FT 255 | -           |

| SOUND PRESSURE @ 3 FT. | SOUND POWER | ROTOR WK^2    | MAX. WK^2 | SAFE STALL TIME | STARTS /HOUR | APPROX. MOTOR WGT |
|------------------------|-------------|---------------|-----------|-----------------|--------------|-------------------|
| 0 dBA                  | 10 dBA      | 0.024 LB-FT^2 | 0 LB-FT^2 | 0 SEC.          | 0            | 0 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 | STANDARD | STANDARD IEC | NONE       | NONE        | STANDARD       | ALUMINUM       |
| 6203     | 6203 |          |              |            |             |                |                |

| 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: CONSTANT 10:1<br>INV. HP SPEED RANGE: 1.5 X BASE SPEED     |
| 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.