

**CERTIFICATION DATA SHEET**

**Model#:** 254TTFL16076 AA  
**CONN. DIAGRAM:** A-EE7308  
**OUTLINE:** B-SS321100-1200

**WINDING#:** 254653 R14 6  
**ASSEMBLY:** F1 ONLY

**TYPICAL MOTOR PERFORMANCE DATA**

| HP          | KW      | SYNC. RPM | F.L. RPM | FRAME | ENCLOSURE | KVA CODE | DESIGN |
|-------------|---------|-----------|----------|-------|-----------|----------|--------|
| 7 1/2&7 1/2 | 5.6&5.6 | 1200      | 1175&960 | 254T  | TEFC      | H        | B      |

| PH | Hz    | VOLTS               | FL AMPS              | START TYPE          | DUTY           | INSL | S.F       | AMB°C | ELEVATION |
|----|-------|---------------------|----------------------|---------------------|----------------|------|-----------|-------|-----------|
| 3  | 60/50 | 230/460#190/<br>380 | 19.8/9.9&23/1<br>1.5 | LINE OR<br>INVERTER | CONTINUOU<br>S | F3   | 1.15/1.15 | 40    | 3300      |

| FULL LOAD EFF:<br>91&88.5 | 3/4 LOAD EFF: 91  | 1/2 LOAD EFF: 90.2 | GTD. EFF | ELEC. TYPE        | NO LOAD AMPS |
|---------------------------|-------------------|--------------------|----------|-------------------|--------------|
| FULL LOAD PF:<br>78&80.5  | 3/4 LOAD PF: 72.5 | 1/2 LOAD PF: 61    | 90.2     | SQ CAGE INV RATED | 9.6 / 4.8    |

| F.L. TORQUE | LOCKED ROTOR AMPS | L.R. TORQUE  | B.D. TORQUE   | F.L. RISE°C |
|-------------|-------------------|--------------|---------------|-------------|
| 33.5 LB-FT  | 127 / 63.5        | 72 LB-FT 215 | 103 LB-FT 307 | 40          |

| SOUND PRESSURE<br>@ 3 FT. | SOUND POWER | ROTOR WK^2  | MAX. WK^2   | SAFE STALL TIME | STARTS<br>/HOUR | APPROX. MOTOR<br>WGT |
|---------------------------|-------------|-------------|-------------|-----------------|-----------------|----------------------|
| 56 dBA                    | 66 dBA      | 2.5 LB-FT^2 | 170 LB-FT^2 | 20 SEC.         | 2               | 350 LBS.             |

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

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

| BEARINGS |      | GREASE     | SHAFT TYPE | SPECIAL DE | SPECIAL ODE | SHAFT<br>MATERIAL          | FRAME<br>MATERIAL |
|----------|------|------------|------------|------------|-------------|----------------------------|-------------------|
| DE       | OPE  |            |            |            |             |                            |                   |
| BALL     | BALL | POLYREX EM | T          | NONE       | NONE        | 1045 HOT<br>ROLLED (C-204) | ALUMINUM          |
| 6309     | 6208 |            |            |            |             |                            |                   |

| 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: NONE              |
| ENCODER: NONE<br>NONE NONE<br>NONE NONE PPR                              |
| BRAKE: NONE NONE<br>NONE P/N NONE<br>NONE NONE<br>- FT-LB NONE V NONE Hz |