

**CERTIFICATION DATA SHEET**

**Model#:** 145TTFR16033 AA  
**CONN. DIAGRAM:** 005010-01ME  
**OUTLINE:** 028753-750

**WINDING#:** T634341 FR 3  
**ASSEMBLY:** F1 ONLY

**TYPICAL MOTOR PERFORMANCE DATA**

| HP          | KW        | SYNC. RPM | F.L. RPM  | FRAME | ENCLOSURE | KVA CODE | DESIGN |
|-------------|-----------|-----------|-----------|-------|-----------|----------|--------|
| 1 1/2&1 1/2 | 1.12&1.12 | 1800      | 1750&1450 | 145T  | TEFC      | L        | B      |

| PH | Hz    | VOLTS               | FL AMPS       | START TYPE          | DUTY           | INSL | S.F      | AMB°C | ELEVATION |
|----|-------|---------------------|---------------|---------------------|----------------|------|----------|-------|-----------|
| 3  | 60/50 | 230/460#190/<br>380 | 4.8/2.4&5/2.5 | LINE OR<br>INVERTER | CONTINUOU<br>S | F4   | 1.15/1.0 | 40    | 3300      |

| FULL LOAD EFF:<br>86.5&85.5 | 3/4 LOAD EFF: 87.2 | 1/2 LOAD EFF: 84.2 | GTD. EFF | ELEC. TYPE        | NO LOAD AMPS |
|-----------------------------|--------------------|--------------------|----------|-------------------|--------------|
| FULL LOAD PF:<br>67.7&80.5  | 3/4 LOAD PF: 67.3  | 1/2 LOAD PF: 55.2  | 0        | SQ CAGE INV RATED | 2.5 / 1.2    |

| F.L. TORQUE | LOCKED ROTOR AMPS | L.R. TORQUE    | B.D. TORQUE    | F.L. RISE°C |
|-------------|-------------------|----------------|----------------|-------------|
| 4.5 LB-FT   | 37 / 18.5         | 17.2 LB-FT 382 | 20.4 LB-FT 453 | 45          |

| SOUND PRESSURE<br>@ 3 FT. | SOUND POWER | ROTOR WK^2   | MAX. WK^2   | SAFE STALL TIME | STARTS<br>/HOUR | APPROX. MOTOR<br>WGT |
|---------------------------|-------------|--------------|-------------|-----------------|-----------------|----------------------|
| 0 dBA                     | 10 dBA      | 0.14 LB-FT^2 | 0.1 LB-FT^2 | 10 SEC.         | 0               | 0 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        | 1144<br>STRESSPROOF<br>(C-223) | ROLLED STEEL      |
| 6205     | 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: 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 |