

**CERTIFICATION DATA SHEET**

**Model#:** 145TTGN6501 AA  
**CONN. DIAGRAM:** A-EE7308T  
**OUTLINE:** A-104607-750

**WINDING#:** ZT2142 NONE 3  
**ASSEMBLY:** F1 ONLY

**TYPICAL MOTOR PERFORMANCE DATA**

| HP      | KW        | SYNC. RPM | F.L. RPM  | FRAME | ENCLOSURE | KVA CODE | DESIGN |
|---------|-----------|-----------|-----------|-------|-----------|----------|--------|
| 2&1 1/2 | 1.49&1.12 | 3600      | 3500&2900 | 145T  | EPFC      | L        | B      |

| PH | Hz    | VOLTS               | FL AMPS             | START TYPE          | DUTY           | INSL | S.F       | AMB°C | ELEVATION |
|----|-------|---------------------|---------------------|---------------------|----------------|------|-----------|-------|-----------|
| 3  | 60/50 | 230/460#190/<br>380 | 5.2/2.6&4.8/2.<br>4 | LINE OR<br>INVERTER | CONTINUOU<br>S | F3   | 1.15/1.15 | 40    | 3300      |

| FULL LOAD EFF:<br>86.5&85.5 | 3/4 LOAD EFF: 85 | 1/2 LOAD EFF: 84 | GTD. EFF | ELEC. TYPE        | NO LOAD AMPS |
|-----------------------------|------------------|------------------|----------|-------------------|--------------|
| FULL LOAD PF: 83&82         | 3/4 LOAD PF: 77  | 1/2 LOAD PF: 65  | 84       | SQ CAGE INV RATED | 2.4 / 1.2    |

| F.L. TORQUE | LOCKED ROTOR AMPS | L.R. TORQUE    | B.D. TORQUE    | F.L. RISE°C |
|-------------|-------------------|----------------|----------------|-------------|
| 3 LB-FT     | 46 / 23           | 10.4 LB-FT 347 | 12.5 LB-FT 417 | 30          |

| SOUND PRESSURE<br>@ 3 FT. | SOUND POWER | ROTOR WK^2    | MAX. WK^2 | SAFE STALL TIME | STARTS<br>/HOUR | APPROX. MOTOR<br>WGT |
|---------------------------|-------------|---------------|-----------|-----------------|-----------------|----------------------|
| 69 dBA                    | 79 dBA      | 0.065 LB-FT^2 | 4 LB-FT^2 | 20 SEC.         | 2               | 80 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  | TRUE           | EXP PROOF CL<br>I GR D CL II GR<br>F&G T3B | FALSE         | NONE    | BLUE<br>(POWDER) |

| 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) | CAST IRON         |
| 6205     | 6203 |            |            |            |             |                                |                   |

| THERMO-PROTECTORS |            |          |          | THERMISTORS | CONTROL | SPACE /n HEATERS |
|-------------------|------------|----------|----------|-------------|---------|------------------|
| THERMOSTATS       | PROTECTORS | WDG RTDs | BRG RTDs |             |         |                  |
| TSTATS (N/C)      | 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 |