

**CERTIFICATION DATA SHEET**

**Model#:** 143THTN9005 AA  
**CONN. DIAGRAM:** A-EE7300  
**OUTLINE:** A-108347-525

**WINDING#:** ZT254 NONE 2  
**ASSEMBLY:** F1/F2 CAPABLE

**TYPICAL MOTOR PERFORMANCE DATA**

| HP    | KW   | SYNC. RPM | F.L. RPM | FRAME | ENCLOSURE | KVA CODE | DESIGN |
|-------|------|-----------|----------|-------|-----------|----------|--------|
| 1 1/2 | 1.12 | 3600      | 3460     | 143T  | TENV      | L        | B      |

| PH | Hz | VOLTS | FL AMPS | START TYPE       | DUTY       | INSL | S.F  | AMB°C | ELEVATION |
|----|----|-------|---------|------------------|------------|------|------|-------|-----------|
| 3  | 60 | 575   | 1.6     | LINE OR INVERTER | CONTINUOUS | F3   | 1.15 | 40    | 3300      |

| FULL LOAD EFF: 86.5 | 3/4 LOAD EFF: 87.5 | 1/2 LOAD EFF: 86.5 | GTD. EFF | ELEC. TYPE        | NO LOAD AMPS |
|---------------------|--------------------|--------------------|----------|-------------------|--------------|
| FULL LOAD PF: 83    | 3/4 LOAD PF: 77.5  | 1/2 LOAD PF: 65.5  | 84       | SQ CAGE INV RATED | .7           |

| F.L. TORQUE | LOCKED ROTOR AMPS | L.R. TORQUE   | B.D. TORQUE | F.L. RISE°C |
|-------------|-------------------|---------------|-------------|-------------|
| 2.3 LB-FT   | 14.8              | 7.5 LB-FT 326 | 9 LB-FT 391 | 65          |

| SOUND PRESSURE @ 3 FT. | SOUND POWER | ROTOR WK^2    | MAX. WK^2 | SAFE STALL TIME | STARTS /HOUR | APPROX. MOTOR WGT |
|------------------------|-------------|---------------|-----------|-----------------|--------------|-------------------|
| 65 dBA                 | 75 dBA      | 0.045 LB-FT^2 | 3 LB-FT^2 | 20 SEC.         | 2            | 58 LBS.           |

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

| DE BRACKET TYPE | ODE BRACKET TYPE | MOUNT TYPE | ORIENTATION | SEVERE DUTY         | HAZARDOUS LOCATION | DRIP COVER | SCREENS | PAINT         |
|-----------------|------------------|------------|-------------|---------------------|--------------------|------------|---------|---------------|
| STANDARD        | STANDARD         | RIGID      | HORIZONTAL  | PREMIUM SEVERE DUTY | DIVISION 2 T2B     | FALSE      | NONE    | BLUE (POWDER) |

| BEARINGS |      | GREASE     | SHAFT TYPE | SPECIAL DE | SPECIAL ODE | SHAFT MATERIAL           | FRAME MATERIAL |
|----------|------|------------|------------|------------|-------------|--------------------------|----------------|
| DE       | OPE  |            |            |            |             |                          |                |
| BALL     | BALL | POLYREX EM | T          | NONE       | NONE        | 1144 STRESSPROOF (C-223) | CAST IRON      |
| 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: 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 |