

**CERTIFICATION DATA SHEET**

**Model#:** 143TTDR16014 AA  
**CONN. DIAGRAM:** A-EE7308  
**OUTLINE:** A-100231-856

**WINDING#:** ZT2168 DR 1  
**ASSEMBLY:** F1 ONLY

**TYPICAL MOTOR PERFORMANCE DATA**

| HP      | KW       | SYNC. RPM | F.L. RPM  | FRAME  | ENCLOSURE | KVA CODE | DESIGN |
|---------|----------|-----------|-----------|--------|-----------|----------|--------|
| 1 1/2&1 | 1.12&.75 | 3600      | 3515&2920 | 143JPV | DP        | L        | B      |

| PH | Hz    | VOLTS               | FL AMPS             | START TYPE          | DUTY           | INSL | S.F      | AMB°C | ELEVATION |
|----|-------|---------------------|---------------------|---------------------|----------------|------|----------|-------|-----------|
| 3  | 60/50 | 230/460#190/<br>380 | 3.8/1.9&3.4/1.<br>7 | LINE OR<br>INVERTER | CONTINUOU<br>S | F3   | 1.15/1.0 | 40    | 3300      |

| FULL LOAD EFF:<br>86.5&86.5 | 3/4 LOAD EFF: 88.3 | 1/2 LOAD EFF: 86.6 | GTD. EFF | ELEC. TYPE        | NO LOAD AMPS |
|-----------------------------|--------------------|--------------------|----------|-------------------|--------------|
| FULL LOAD PF:<br>84&80.5    | 3/4 LOAD PF: 78.7  | 1/2 LOAD PF: 67.6  | 84       | SQ CAGE INV RATED | 1.6 / .8     |

| F.L. TORQUE | LOCKED ROTOR AMPS | L.R. TORQUE   | B.D. TORQUE  | F.L. RISE°C |
|-------------|-------------------|---------------|--------------|-------------|
| 2.25 LB-FT  | 37.2 / 18.6       | 6.8 LB-FT 302 | 10 LB-FT 444 | 20          |

| SOUND PRESSURE<br>@ 3 FT. | SOUND POWER | ROTOR WK^2 | MAX. WK^2 | SAFE STALL TIME | STARTS<br>/HOUR | APPROX. MOTOR<br>WGT |
|---------------------------|-------------|------------|-----------|-----------------|-----------------|----------------------|
| 68 dBA                    | 78 dBA      | 0 LB-FT^2  | 0 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            |
|--------------------|---------------------|---------------|--------------------------------|----------------|-----------------------|---------------|---------|------------------|
| C-FACE             | STANDARD            | ROUND         | HORIZONTAL<br>OR SHAFT<br>DOWN | FALSE          | NONE                  | TRUE          | NONE    | BLUE<br>(POWDER) |

| BEARINGS |      | GREASE     | SHAFT TYPE | SPECIAL DE | SPECIAL ODE | SHAFT<br>MATERIAL              | FRAME<br>MATERIAL |
|----------|------|------------|------------|------------|-------------|--------------------------------|-------------------|
| DE       | OPE  |            |            |            |             |                                |                   |
| BALL     | BALL | POLYREX EM | JP         | NONE       | NONE        | 1144<br>STRESSPROOF<br>(C-223) | ROLLED STEEL      |
| 6206     | 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 2:1<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 |

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\*\* Subject to change without notice.