

CERTIFICATION DATA SHEET

Model#: 143TTDR16047 AA
CONN. DIAGRAM: A-EE7308
OUTLINE: A-100186-906

WINDING#: ZT4259 NONE 3
ASSEMBLY: F1 ONLY

TYPICAL MOTOR PERFORMANCE DATA

| HP | KW | SYNC. RPM | F.L. RPM | FRAME | ENCLOSURE | KVA CODE | DESIGN |
|-------|---------|-----------|-----------|--------|-----------|----------|--------|
| 1&3/4 | .75&.56 | 1800 | 1760&1460 | 143JMV | DP | N | B |

| PH | Hz | VOLTS | FL AMPS | START TYPE | DUTY | INSL | S.F | AMB°C | ELEVATION |
|----|-------|-----------------------------|---------------------|---------------------|----------------|------|----------|-------|-----------|
| 3 | 60/50 | 208- 230/460#190/ 380 | 3.2- 3/1.5&3/1.5 | LINE OR INVERTER | CONTINUOU S | F3 | 1.15/1.0 | 40 | 3300 |

| FULL LOAD EFF: 85.5&85.3 | 3/4 LOAD EFF: 84.6 | 1/2 LOAD EFF: 81.3 | GTD. EFF | ELEC. TYPE | NO LOAD AMPS |
|-----------------------------|--------------------|--------------------|----------|-------------------|--------------|
| FULL LOAD PF: 71&69.3 | 3/4 LOAD PF: 62.6 | 1/2 LOAD PF: 49.8 | 82.5 | SQ CAGE INV RATED | 2 / 1 |

| F.L. TORQUE | LOCKED ROTOR AMPS | L.R. TORQUE | B.D. TORQUE | F.L. RISE°C |
|-------------|-------------------|----------------|----------------|-------------|
| 3 LB-FT | 29 / 14.5 | 11.2 LB-FT 373 | 15.4 LB-FT 513 | 21 |

| SOUND PRESSURE @ 3 FT. | SOUND POWER | ROTOR WK^2 | MAX. WK^2 | SAFE STALL TIME | STARTS /HOUR | APPROX. MOTOR WGT |
|---------------------------|-------------|---------------|------------|-----------------|-----------------|----------------------|
| 56 dBA | 66 dBA | 0.117 LB-FT^2 | 10 LB-FT^2 | 20 SEC. | 2 | 0 LBS. |

***** SUPPLEMENTAL INFORMATION *****

| DE BRACKET TYPE | ODE BRACKET TYPE | MOUNT TYPE | ORIENTATION | SEVERE DUTY | HAZARDOUS LOCATION | DRIP COVER | SCREENS | PAINT |
|--------------------|---------------------|---------------|--------------------------------|----------------|-----------------------|---------------|---------|------------------|
| C-FACE | STANDARD | ROUND | HORIZONTAL OR SHAFT DOWN | FALSE | NONE | TRUE | NONE | BLUE (POWDER) |

| BEARINGS | | GREASE | SHAFT TYPE | SPECIAL DE | SPECIAL ODE | SHAFT MATERIAL | FRAME MATERIAL |
|----------|------|------------|------------|------------|-------------|--------------------------------|-------------------|
| DE | OPE | | | | | | |
| BALL | BALL | POLYREX EM | JM | NONE | NONE | 1144 STRESSPROOF (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 INV. HP SPEED RANGE: NONE |
| ENCODER: NONE NONE NONE NONE NONE PPR |
| BRAKE: NONE NONE NONE P/N NONE NONE NONE NONE FT-LB NONE V NONE Hz |

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** Subject to change without notice.

