

CERTIFICATION DATA SHEET

Model#: 143TTFN6502 AB
CONN. DIAGRAM: A-EE7308
OUTLINE: A-107823-625

WINDING#: ZT2141 NONE 1
ASSEMBLY: F1/F2 CAPABLE

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 | 3600 | 3515&2895 | 143T | TEFC | M | B |

| PH | Hz | VOLTS | FL AMPS | START TYPE | DUTY | INSL | S.F | AMB°C | ELEVATION |
|----|-------|---------------------|--------------|---------------------|----------------|------|----------|-------|-----------|
| 3 | 60/50 | 230/460#190/ 380 | 4/2&4.7/2.35 | LINE OR INVERTER | CONTINUOU S | F3 | 1.25/1.0 | 40 | 3300 |

| FULL LOAD EFF: 85.5&82.5 | 3/4 LOAD EFF: 84 | 1/2 LOAD EFF: 81.5 | GTD. EFF | ELEC. TYPE | NO LOAD AMPS |
|-----------------------------|------------------|--------------------|----------|-------------------|--------------|
| FULL LOAD PF: 85.5&86.5 | 3/4 LOAD PF: 81 | 1/2 LOAD PF: 71 | 82.5 | SQ CAGE INV RATED | 1.8 / .9 |

| F.L. TORQUE | LOCKED ROTOR AMPS | L.R. TORQUE | B.D. TORQUE | F.L. RISE°C |
|-------------|-------------------|-------------|---------------|-------------|
| 2.2 LB-FT | 38 / 19 | 7 LB-FT 318 | 9.3 LB-FT 423 | 25 |

| SOUND PRESSURE @ 3 FT. | SOUND POWER | ROTOR WK^2 | MAX. WK^2 | SAFE STALL TIME | STARTS /HOUR | APPROX. MOTOR WGT |
|---------------------------|-------------|---------------|-----------|-----------------|-----------------|----------------------|
| 69 dBA | 79 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 | VERIFY | 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 20:1 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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 FORM 3531 REV.3 02/07/99
 ** Subject to change without notice.