

**CERTIFICATION DATA SHEET**

**Model#:** 284THFNA19033 AB  
**CONN. DIAGRAM:** A-EE7300  
**OUTLINE:** B-SS311057-1275

**WINDING#:** K2844120 NONE 5  
**ASSEMBLY:** F1/F2 CAPABLE

**TYPICAL MOTOR PERFORMANCE DATA**

| HP | KW   | SYNC. RPM | F.L. RPM | FRAME | ENCLOSURE | KVA CODE | DESIGN |
|----|------|-----------|----------|-------|-----------|----------|--------|
| 25 | 18.7 | 1800      | 1774     | 284T  | TEFC      | G        | B      |

| PH | Hz | VOLTS | FL AMPS | START TYPE          | DUTY           | INSL | S.F  | AMB°C | ELEVATION |
|----|----|-------|---------|---------------------|----------------|------|------|-------|-----------|
| 3  | 60 | 575   | 24.8    | LINE OR<br>INVERTER | CONTINUOU<br>S | F3   | 1.15 | 40    | 3300      |

| FULL LOAD EFF: 93.6 | 3/4 LOAD EFF: 93.6 | 1/2 LOAD EFF: 93 | GTD. EFF | ELEC. TYPE        | NO LOAD AMPS |
|---------------------|--------------------|------------------|----------|-------------------|--------------|
| FULL LOAD PF: 81    | 3/4 LOAD PF: 75    | 1/2 LOAD PF: 65  | 92.4     | SQ CAGE INV RATED | 10.8         |

| F.L. TORQUE | LOCKED ROTOR AMPS | L.R. TORQUE   | B.D. TORQUE   | F.L. RISE°C |
|-------------|-------------------|---------------|---------------|-------------|
| 74 LB-FT    | 144.8             | 140 LB-FT 189 | 215 LB-FT 291 | 60          |

| SOUND PRESSURE @ 3 FT. | SOUND POWER | ROTOR WK^2  | MAX. WK^2   | SAFE STALL TIME | STARTS /HOUR | APPROX. MOTOR WGT |
|------------------------|-------------|-------------|-------------|-----------------|--------------|-------------------|
| 65 dBA                 | 75 dBA      | 4.2 LB-FT^2 | 175 LB-FT^2 | 25 SEC.         | 2            | 475 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<br>SEVERE DUTY | DIVISION 2 T2B     | FALSE      | NONE    | BLUE (EPOXY) |

| BEARINGS        |      | GREASE     | SHAFT TYPE | SPECIAL DE | SPECIAL ODE | SHAFT MATERIAL             | FRAME MATERIAL |
|-----------------|------|------------|------------|------------|-------------|----------------------------|----------------|
| DE              | OPE  |            |            |            |             |                            |                |
| BALL (SKF ONLY) | BALL | POLYREX EM | T          | NONE       | NONE        | 1045 HOT<br>ROLLED (C-204) | CAST IRON      |
| 6311            | 6210 |            |            |            |             |                            |                |

| 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: NONE                 |
| 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 |

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 FORM 3531 REV.3 02/07/99  
 \*\* Subject to change without notice.