

**CERTIFICATION DATA SHEET**

**Model#:** 56T17V5352 A  
**CONN. DIAGRAM:** 005010.01ME  
**OUTLINE:** 028942-650

**WINDING#:** T634252 NR 3  
**ASSEMBLY:** F1 ONLY

**TYPICAL MOTOR PERFORMANCE DATA**

| HP      | KW        | SYNC. RPM | F.L. RPM  | FRAME | ENCLOSURE | KVA CODE | DESIGN |
|---------|-----------|-----------|-----------|-------|-----------|----------|--------|
| 3/4&1/2 | 0.56&0.37 | 1800      | 1725&1425 | 56C   | TENV      | L        | B      |

| PH | Hz    | VOLTS                       | FL AMPS                     | START TYPE          | DUTY           | INSL | S.F       | AMB°C | ELEVATION |
|----|-------|-----------------------------|-----------------------------|---------------------|----------------|------|-----------|-------|-----------|
| 3  | 60/50 | 208-<br>230/460#190/<br>380 | 2.4-<br>2.3/1.15&1.8/.<br>9 | LINE OR<br>INVERTER | CONTINUOU<br>S | F4   | 1.15/1.15 | 40    | 3300      |

| FULL LOAD EFF: 80 | 3/4 LOAD EFF: 79.1 | 1/2 LOAD EFF: 74.5 | GTD. EFF | ELEC. TYPE        | NO LOAD AMPS |
|-------------------|--------------------|--------------------|----------|-------------------|--------------|
| FULL LOAD PF: 76  | 3/4 LOAD PF: 70.5  | 1/2 LOAD PF: 59.4  | 0        | SQ CAGE INV RATED | 1.2 / .6     |

| F.L. TORQUE | LOCKED ROTOR AMPS | L.R. TORQUE   | B.D. TORQUE   | F.L. RISE°C |
|-------------|-------------------|---------------|---------------|-------------|
| 36 LB-FT    | 18.3 / 9.1        | 110.6 LB-FT 0 | 148.8 LB-FT 0 | -           |

| SOUND PRESSURE @ 3 FT. | SOUND POWER | ROTOR WK^2    | MAX. WK^2   | SAFE STALL TIME | STARTS /HOUR | APPROX. MOTOR WGT |
|------------------------|-------------|---------------|-------------|-----------------|--------------|-------------------|
| - dBA                  | - dBA       | 0.108 LB-FT^2 | 0.1 LB-FT^2 | 10 SEC.         | -            | 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  | FALSE       | NONE               | FALSE      | NONE    | NO PAINT |

| BEARINGS |      | GREASE     | SHAFT TYPE  | SPECIAL DE | SPECIAL ODE | SHAFT MATERIAL        | FRAME MATERIAL  |
|----------|------|------------|-------------|------------|-------------|-----------------------|-----------------|
| DE       | OPE  |            |             |            |             |                       |                 |
| BALL     | BALL | POLYREX EM | STANDARD 56 | NONE       | NONE        | 303 STAINLESS (C-501) | STAINLESS STEEL |
| 6205     | 6205 |            |             |            |             |                       |                 |

| 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 3:1<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.