

**CERTIFICATION DATA SHEET**

**Model#:** 56T17D5385 B  
**CONN. DIAGRAM:** A-EE7335B  
**OUTLINE:** A-100128-806

**WINDING#:** ZT475 NONE 2  
**ASSEMBLY:** F1 ONLY

**TYPICAL MOTOR PERFORMANCE DATA**

| HP | KW   | SYNC. RPM | F.L. RPM | FRAME | ENCLOSURE | KVA CODE | DESIGN |
|----|------|-----------|----------|-------|-----------|----------|--------|
| 2  | 1.49 | 1800      | 1725     | 56H   | DP        | K        | B      |

| PH | Hz | VOLTS | FL AMPS | START TYPE      | DUTY       | INSL | S.F  | AMB°C | ELEVATION |
|----|----|-------|---------|-----------------|------------|------|------|-------|-----------|
| 3  | 60 | 575   | 2.5     | ACROSS THE LINE | CONTINUOUS | B3   | 1.15 | 40    | 3300      |

| FULL LOAD EFF: 81.5 | 3/4 LOAD EFF: 82.5 | 1/2 LOAD EFF: 79.5 | GTD. EFF | ELEC. TYPE      | NO LOAD AMPS |
|---------------------|--------------------|--------------------|----------|-----------------|--------------|
| FULL LOAD PF: 75.5  | 3/4 LOAD PF: 63.5  | 1/2 LOAD PF: 50    | 78.5     | SQ CAGE IND RUN | 1.6          |

| F.L. TORQUE | LOCKED ROTOR AMPS | L.R. TORQUE    | B.D. TORQUE    | F.L. RISE°C |
|-------------|-------------------|----------------|----------------|-------------|
| 6 LB-FT     | 18.1              | 17.6 LB-FT 293 | 22.5 LB-FT 375 | 55          |

| SOUND PRESSURE @ 3 FT. | SOUND POWER | ROTOR WK^2   | MAX. WK^2  | SAFE STALL TIME | STARTS /HOUR | APPROX. MOTOR WGT |
|------------------------|-------------|--------------|------------|-----------------|--------------|-------------------|
| 56 dBA                 | 66 dBA      | 0.09 LB-FT^2 | 12 LB-FT^2 | 15 SEC.         | 2            | 35 LBS.           |

**\*\*\* SUPPLEMENTAL INFORMATION \*\*\***

| DE BRACKET TYPE | ODE BRACKET TYPE | MOUNT TYPE     | ORIENTATION | SEVERE DUTY | HAZARDOUS LOCATION | DRIP COVER | SCREENS | PAINT         |
|-----------------|------------------|----------------|-------------|-------------|--------------------|------------|---------|---------------|
| STANDARD        | STANDARD         | RESILIENT BASE | HORIZONTAL  | FALSE       | NONE               | FALSE      | NONE    | GRAY (POWDER) |

| BEARINGS |      | GREASE     | SHAFT TYPE | SPECIAL DE | SPECIAL ODE | SHAFT MATERIAL           | FRAME MATERIAL |
|----------|------|------------|------------|------------|-------------|--------------------------|----------------|
| DE       | OPE  |            |            |            |             |                          |                |
| BALL     | BALL | POLYREX EM | T          | NONE       | NONE        | 1144 STRESSPROOF (C-223) | ROLLED STEEL   |
| 6205     | 6203 |            |            |            |             |                          |                |

| THERMO-PROTECTORS |            |          |          | THERMISTORS | CONTROL | SPACE /n HEATERS |
|-------------------|------------|----------|----------|-------------|---------|------------------|
| THERMOSTATS       | PROTECTORS | WDG RTDs | BRG RTDs |             |         |                  |
| NONE              | AUTOMATIC  | NONE     | NONE     | NONE        | FALSE   | NONE VOLTS       |

\*  
N  
O  
T  
E  
S  
\*

|                           |
|---------------------------|
| INVERTER TORQUE: NONE     |
| 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 |