

**CERTIFICATION DATA SHEET**

**Model#:** 449TSTDN16005 BB  
**CONN. DIAGRAM:** A-EE7300BH  
**OUTLINE:** B-SS516498-2938

**WINDING#:** T449276 NONE 1  
**ASSEMBLY:** F2/F1 CAPABLE

**TYPICAL MOTOR PERFORMANCE DATA**

| HP      | KW      | SYNC. RPM | F.L. RPM  | FRAME | ENCLOSURE | KVA CODE | DESIGN |
|---------|---------|-----------|-----------|-------|-----------|----------|--------|
| 500&400 | 370&300 | 3600      | 3575&2975 | 449TS | DP        | G        | B      |

| PH | Hz    | VOLTS   | FL AMPS | START TYPE  | DUTY       | INSL | S.F       | AMB°C | ELEVATION |
|----|-------|---------|---------|-------------|------------|------|-----------|-------|-----------|
| 3  | 60/50 | 460#380 | 546&525 | PWS & YDRUN | CONTINUOUS | H1   | 1.15/1.15 | 40    | 3300      |

| FULL LOAD EFF:                 | 3/4 LOAD EFF:          | 1/2 LOAD EFF:            | GTD. EFF | ELEC. TYPE      | NO LOAD AMPS |
|--------------------------------|------------------------|--------------------------|----------|-----------------|--------------|
| 95.8&95.4                      | 95.8                   | 95.4                     | 95.4     | SQ CAGE IND RUN | 143          |
| <b>FULL LOAD PF: 90&amp;90</b> | <b>3/4 LOAD PF: 88</b> | <b>1/2 LOAD PF: 82.5</b> |          |                 |              |

| F.L. TORQUE | LOCKED ROTOR AMPS | L.R. TORQUE    | B.D. TORQUE    | F.L. RISE°C |
|-------------|-------------------|----------------|----------------|-------------|
| 735 LB-FT   | 3625              | 1280 LB-FT 136 | 1980 LB-FT 272 | 70          |

| SOUND PRESSURE @ 3 FT. | SOUND POWER | ROTOR WK^2 | MAX. WK^2   | SAFE STALL TIME | STARTS /HOUR | APPROX. MOTOR WGT |
|------------------------|-------------|------------|-------------|-----------------|--------------|-------------------|
| 85 dBA                 | 95 dBA      | 51 LB-FT^2 | 200 LB-FT^2 | 10 SEC.         | 1            | 2700 LBS.         |

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

| DE BRACKET TYPE | ODE BRACKET TYPE | MOUNT TYPE | ORIENTATION | SEVERE DUTY | HAZARDOUS LOCATION | DRIP COVER | SCREENS | PAINT         |
|-----------------|------------------|------------|-------------|-------------|--------------------|------------|---------|---------------|
| STANDARD        | STANDARD         | RIGID      | HORIZONTAL  | FALSE       | NONE               | FALSE      | NONE    | BLUE (ENAMEL) |

| BEARINGS |      | GREASE     | SHAFT TYPE | SPECIAL DE | SPECIAL ODE | SHAFT MATERIAL          | FRAME MATERIAL |
|----------|------|------------|------------|------------|-------------|-------------------------|----------------|
| DE       | OPE  |            |            |            |             |                         |                |
| BALL     | BALL | POLYREX EM | TS         | NONE       | NONE        | 1045 HOT ROLLED (C-204) | CAST IRON      |
| 6314     | 6314 |            |            |            |             |                         |                |

| 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: 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 |

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\*\* Subject to change without notice.