

**CERTIFICATION DATA SHEET**

**Model#:** 182TCDW7074 AA  
**CONN. DIAGRAM:** 005062.01ME  
**OUTLINE:** 035669-900

**WINDING#:** C8434 NONE 3  
**ASSEMBLY:** F1 ONLY

**TYPICAL MOTOR PERFORMANCE DATA**

| HP | KW   | SYNC. RPM | F.L. RPM | FRAME | ENCLOSURE | KVA CODE | DESIGN |
|----|------|-----------|----------|-------|-----------|----------|--------|
| 2  | 1.49 | 1800      | 1750     | 182JM | DP        | J        | L      |

| PH | Hz | VOLTS   | FL AMPS | START TYPE      | DUTY       | INSL | S.F  | AMB°C | ELEVATION |
|----|----|---------|---------|-----------------|------------|------|------|-------|-----------|
| 1  | 60 | 115/230 | 23/11.5 | ACROSS THE LINE | CONTINUOUS | F4   | 1.15 | 40    | 3300      |

| FULL LOAD EFF: 75.5 | 3/4 LOAD EFF: 74.4 | 1/2 LOAD EFF: 70.5 | GTD. EFF | ELEC. TYPE        | NO LOAD AMPS |
|---------------------|--------------------|--------------------|----------|-------------------|--------------|
| FULL LOAD PF: 74    | 3/4 LOAD PF: 66.5  | 1/2 LOAD PF: 54    | 0        | CAP START IND RUN | 15 / 7.5     |

| F.L. TORQUE | LOCKED ROTOR AMPS | L.R. TORQUE    | B.D. TORQUE    | F.L. RISE°C |
|-------------|-------------------|----------------|----------------|-------------|
| 6 LB-FT     | 137.4 / 68.7      | 14.7 LB-FT 245 | 14.6 LB-FT 243 | 45          |

| SOUND PRESSURE @ 3 FT. | SOUND POWER | ROTOR WK^2   | MAX. WK^2 | SAFE STALL TIME | STARTS / HOUR | APPROX. MOTOR WGT |
|------------------------|-------------|--------------|-----------|-----------------|---------------|-------------------|
| 0 dBA                  | 10 dBA      | 0.31 LB-FT^2 | 0 LB-FT^2 | 10 SEC.         | 0             | 0 LBS.            |

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

| DE BRACKET TYPE | ODE BRACKET TYPE | MOUNT TYPE | ORIENTATION | SEVERE DUTY | HAZARDOUS LOCATION | DRIP COVER | SCREENS | PAINT         |
|-----------------|------------------|------------|-------------|-------------|--------------------|------------|---------|---------------|
| C-FACE          | 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 | JM         | NONE       | NONE        | AISI 1045 (C-240) | ROLLED STEEL   |
| 6207     | 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: NONE     |
| INV. HP SPEED RANGE: NONE |
| ENCODER: NONE             |
| NONE NONE                 |
| NONE NONE PPR             |
| BRAKE: NONE NONE          |
| NONE P/N 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.