

CERTIFICATION DATA SHEET

Model#: 254TTDCA6085 AA
CONN. DIAGRAM: EE7308K
OUTLINE: SS620572

WINDING#: CHT25460002 NONE 1
ASSEMBLY: F1/F2 CAPABLE

TYPICAL MOTOR PERFORMANCE DATA

| HP | KW | SYNC. RPM | F.L. RPM | FRAME | ENCLOSURE | KVA CODE | DESIGN |
|---------|-----------|-----------|----------|--------|-----------|----------|--------|
| 7 1/2&5 | 5.60&3.70 | 1200 | 1182&985 | 254JPV | DP | G | B |

| PH | Hz | VOLTS | FL AMPS | START TYPE | DUTY | INSL | S.F | AMB°C | ELEVATION |
|----|-------|---------------------|--------------|---------------------|----------------|------|-----------|-------|-----------|
| 3 | 60/50 | 230/460#190/ 380 | 21/10.5&18/9 | LINE OR INVERTER | CONTINUOU S | F7 | 1.15/1.15 | 40 | 3300 |

| FULL LOAD EFF: 90.2&88.5 | 3/4 LOAD EFF: 89.5 | 1/2 LOAD EFF: 87.5 | GTD. EFF | ELEC. TYPE | NO LOAD AMPS |
|-----------------------------|--------------------|--------------------|----------|-------------------|--------------|
| FULL LOAD PF: 73.5&69.5 | 3/4 LOAD PF: 66.5 | 1/2 LOAD PF: 53.5 | 89.5 | SQ CAGE INV RATED | 12.4 / 6.2 |

| F.L. TORQUE | LOCKED ROTOR AMPS | L.R. TORQUE | B.D. TORQUE | F.L. RISE°C |
|-------------|-------------------|--------------|--------------|-------------|
| 33.4 LB-FT | 108 / 54 | 51 LB-FT 150 | 86 LB-FT 257 | 40 |

| SOUND PRESSURE @ 3 FT. | SOUND POWER | ROTOR WK^2 | MAX. WK^2 | SAFE STALL TIME | STARTS /HOUR | APPROX. MOTOR WGT |
|---------------------------|-------------|-------------|-------------|-----------------|-----------------|----------------------|
| 62 dBA | 72 dBA | 2.2 LB-FT^2 | 150 LB-FT^2 | 15 SEC. | 2 | 225 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 OR SHAFT DOWN | FALSE | NONE | FALSE | NONE | BLUE (ENAMEL) |

| BEARINGS | | GREASE | SHAFT TYPE | SPECIAL DE | SPECIAL ODE | SHAFT MATERIAL | FRAME MATERIAL |
|----------|------|------------|------------|------------|-------------|----------------------------|-------------------|
| DE | OPE | | | | | | |
| BALL | BALL | POLYREX EM | JP | NONE | NONE | 1045 HOT ROLLED (C-204) | CAST IRON |
| 6309 | 6208 | | | | | | |

| 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: VARIABLE 10:1 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 |