

CERTIFICATION DATA SHEET

Model#: 365THFS8046 DT
CONN. DIAGRAM: A-EE7308T
OUTLINE: B-SS518551-1450

WINDING#: T3654146 R1 1
ASSEMBLY: F1/F2 CAPABLE

TYPICAL MOTOR PERFORMANCE DATA

| HP | KW | SYNC. RPM | F.L. RPM | FRAME | ENCLOSURE | KVA CODE | DESIGN |
|----|----|-----------|----------|-------|------------|----------|--------|
| 75 | 56 | 1800 | 1780 | 365TC | TEBC-AXIAL | H | INV |

| PH | Hz | VOLTS | FL AMPS | START TYPE | DUTY | INSL | S.F | AMB°C | ELEVATION |
|----|----|---------|---------|---------------|------------|------|-----|-------|-----------|
| 3 | 60 | 230/460 | 180/90 | INVERTER ONLY | CONTINUOUS | H4 | 1.0 | 40 | 3300 |

| FULL LOAD EFF: 93 | 3/4 LOAD EFF: 93 | 1/2 LOAD EFF: 91 | GTD. EFF | ELEC. TYPE | NO LOAD AMPS |
|-------------------|-------------------|------------------|----------|------------------|--------------|
| FULL LOAD PF: 84 | 3/4 LOAD PF: 80.5 | 1/2 LOAD PF: 72 | 91.7 | SQ CAGE INV DUTY | 59 / 29.5 |

| F.L. TORQUE | LOCKED ROTOR AMPS | L.R. TORQUE | B.D. TORQUE | F.L. RISE°C |
|-------------|-------------------|---------------|---------------|-------------|
| 221 LB-FT | 1290 / 645 | 505 LB-FT 229 | 645 LB-FT 292 | 65 |

| SOUND PRESSURE @ 3 FT. | SOUND POWER | ROTOR WK^2 | MAX. WK^2 | SAFE STALL TIME | STARTS /HOUR | APPROX. MOTOR WGT |
|------------------------|-------------|------------|-----------|-----------------|--------------|-------------------|
| 85 dBA | 95 dBA | 16 LB-FT^2 | - LB-FT^2 | - SEC. | - | 1025 LBS. |

EQUIVALENT WYE CKT.PARAMETERS (OHMS PER PHASE)

| R1 | R2 | X1 | X2 | XM |
|----------|--------|---------|---------|--------|
| 0.054432 | 0.0378 | 0.29862 | 0.41958 | 8.2026 |

| RM | ZREF | XR | TD | TD0 |
|--------|------|----|--------|-------|
| 419.58 | 3.78 | 6 | 0.0278 | 0.606 |

***** SUPPLEMENTAL INFORMATION *****

| DE BRACKET TYPE | ODE BRACKET TYPE | MOUNT TYPE | ORIENTATION | SEVERE DUTY | HAZARDOUS LOCATION | DRIP COVER | SCREENS | PAINT |
|-----------------|------------------|------------|-------------|-------------|--------------------|------------|---------|---------------|
| C-FACE | ENCODER | 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 | T | NONE | NONE | 1045 HOT ROLLED (C-204) | CAST IRON |
| 6314 | 6312 | | | | | | |

| THERMO-PROTECTORS | | | | THERMISTORS | CONTROL | SPACE /n HEATERS |
|-------------------|------------|----------|----------|-------------|---------|------------------|
| THERMOSTATS | PROTECTORS | WDG RTDs | BRG RTDs | | | |
| TSTATS (N/C) | NOT | NONE | NONE | NONE | FALSE | NONE VOLTS |

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| INVERTER TORQUE: CONSTANT 2000:1 INV. HP SPEED RANGE: 1.5 X BASE SPEED |
| ENCODER: PROVISIONS ONLY 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.