

CERTIFICATION DATA SHEET

Model#: 364THFS8046 BT
CONN. DIAGRAM: A-EE7308T
OUTLINE: B-SS518551-1350

WINDING#: T3644131 R1 1
ASSEMBLY: F1/F2 CAPABLE

TYPICAL MOTOR PERFORMANCE DATA

| HP | KW | SYNC. RPM | F.L. RPM | FRAME | ENCLOSURE | KVA CODE | DESIGN |
|----|----|-----------|----------|-------|------------|----------|--------|
| 60 | 45 | 1800 | 1782 | 364TC | TEBC-AXIAL | J | INV |

| PH | Hz | VOLTS | FL AMPS | START TYPE | DUTY | INSL | S.F | AMB°C | ELEVATION |
|----|----|---------|----------|---------------|------------|------|-----|-------|-----------|
| 3 | 60 | 230/460 | 147/73.5 | INVERTER ONLY | CONTINUOUS | H4 | 1.0 | 40 | 3300 |

| FULL LOAD EFF: 92.4 | 3/4 LOAD EFF: 91.7 | 1/2 LOAD EFF: 90.2 | GTD. EFF | ELEC. TYPE | NO LOAD AMPS |
|---------------------|--------------------|--------------------|----------|------------------|--------------|
| FULL LOAD PF: 83 | 3/4 LOAD PF: 79.5 | 1/2 LOAD PF: 71 | 91 | SQ CAGE INV DUTY | 55 / 27.5 |

| F.L. TORQUE | LOCKED ROTOR AMPS | L.R. TORQUE | B.D. TORQUE | F.L. RISE°C |
|-------------|-------------------|---------------|---------------|-------------|
| 177 LB-FT | 1080 / 540 | 445 LB-FT 251 | 525 LB-FT 297 | 60 |

| SOUND PRESSURE @ 3 FT. | SOUND POWER | ROTOR WK^2 | MAX. WK^2 | SAFE STALL TIME | STARTS /HOUR | APPROX. MOTOR WGT |
|------------------------|-------------|--------------|-----------|-----------------|--------------|-------------------|
| 85 dBA | 95 dBA | 14.8 LB-FT^2 | - LB-FT^2 | - SEC. | - | 900 LBS. |

EQUIVALENT WYE CKT.PARAMETERS (OHMS PER PHASE)

| R1 | R2 | X1 | X2 | XM |
|----------|----------|----------|----------|--------|
| 0.062909 | 0.042097 | 0.337722 | 0.454553 | 8.8451 |

| RM | ZREF | XR | TD | TD0 |
|---------|------|----|--------|-------|
| 454.553 | 4.73 | 6 | 0.0278 | 0.588 |

***** 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 | POLYREX EM | T | NONE | NONE | 1045 HOT ROLLED (C-204) | CAST IRON |
| BALL | BALL | | | | | | |
| 6314 | 6312 | | | | | | |

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

*
N
O
T
E
S
*

| |
|---|
| 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 |

DATE: 08/13/2016 02:48:45 PM

FORM 3531 REV.3 02/07/99

** Subject to change without notice.