

CERTIFICATION DATA SHEET

Model#: 56H17T2012 A
CONN. DIAGRAM: A-EE7300HX
OUTLINE: A-SS400214-625

WINDING#: TE48428 R2 2
ASSEMBLY: F1 ONLY

TYPICAL MOTOR PERFORMANCE DATA

| HP | KW | SYNC. RPM | F.L. RPM | FRAME | ENCLOSURE | KVA CODE | DESIGN |
|-----|------|-----------|----------|-------|-----------|----------|--------|
| 1/4 | 0.19 | 1800 | 1725 | 56C | TENV | M | INV |

| PH | Hz | VOLTS | FL AMPS | START TYPE | DUTY | INSL | S.F | AMB°C | ELEVATION |
|----|----|-------|---------|---------------|------------|------|-----|-------|-----------|
| 3 | 60 | 230 | 1.0 | INVERTER ONLY | CONTINUOUS | H1 | 1.0 | 40 | 3300 |

| FULL LOAD EFF: 72 | 3/4 LOAD EFF: 70 | 1/2 LOAD EFF: 62.5 | GTD. EFF | ELEC. TYPE | NO LOAD AMPS |
|-------------------|------------------|--------------------|----------|------------------|--------------|
| FULL LOAD PF: 65 | 3/4 LOAD PF: 57 | 1/2 LOAD PF: 45 | 68.5 | SQ CAGE INV DUTY | .7 |

| F.L. TORQUE | LOCKED ROTOR AMPS | L.R. TORQUE | B.D. TORQUE | F.L. RISE°C |
|-------------|-------------------|---------------|---------------|-------------|
| 0.76 LB-FT | 7 | 3.5 LB-FT 461 | 3.7 LB-FT 487 | 45 |

| SOUND PRESSURE @ 3 FT. | SOUND POWER | ROTOR WK^2 | MAX. WK^2 | SAFE STALL TIME | STARTS /HOUR | APPROX. MOTOR WGT |
|------------------------|-------------|--------------|-----------|-----------------|--------------|-------------------|
| 62 dBA | 72 dBA | 0.04 LB-FT^2 | - LB-FT^2 | - SEC. | - | - LBS. |

EQUIVALENT WYE CKT.PARAMETERS (OHMS PER PHASE)

| R1 | R2 | X1 | X2 | XM |
|-----------|-----------|----------|------------|---------|
| 36.987471 | 28.591542 | 36.30672 | 17.1322335 | 680.751 |

| RM | ZREF | XR | TD | TD0 |
|------------|----------|-----|-------|-------|
| 21670.5735 | 1134.585 | 1.3 | 0.004 | 0.065 |

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

| DE BRACKET TYPE | ODE BRACKET TYPE | MOUNT TYPE | ORIENTATION | SEVERE DUTY | HAZARDOUS LOCATION | DRIP COVER | SCREENS | PAINT |
|-----------------|------------------|------------|-------------|-------------|--------------------|------------|---------|----------------|
| C-FACE | STANDARD | ROUND | HORIZONTAL | FALSE | NONE | FALSE | NONE | BLACK (POWDER) |

| BEARINGS | | GREASE | SHAFT TYPE | SPECIAL DE | SPECIAL ODE | SHAFT MATERIAL | FRAME MATERIAL |
|----------|------|------------|-------------|------------|-------------|--------------------------|----------------|
| DE | OPE | | | | | | |
| BALL | BALL | POLYREX EM | STANDARD 56 | NONE | NONE | 1144 STRESSPROOF (C-223) | ROLLED STEEL |
| 6203 | 6203 | | | | | | |

| 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: CONSTANT 1000:1 INV. HP SPEED RANGE: 2.0 X BASE SPEED |
| ENCODER: NONE NONE NONE NONE NONE PPR |
| BRAKE: NONE NONE NONE P/N NONE NONE NONE |

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** Subject to change without notice.