

CERTIFICATION DATA SHEET

Model#: 143THTR15535 AA
CONN. DIAGRAM: A-EE7308
OUTLINE: A-107391-856

WINDING#: ZT472 TR 3
ASSEMBLY: F1 ONLY

TYPICAL MOTOR PERFORMANCE DATA

| HP | KW | SYNC. RPM | F.L. RPM | FRAME | ENCLOSURE | KVA CODE | DESIGN |
|----|------|-----------|----------|-------|-----------|----------|--------|
| 1 | 0.75 | 1800 | 1750 | 143TC | TENV | P | INV |

| PH | Hz | VOLTS | FL AMPS | START TYPE | DUTY | INSL | S.F | AMB°C | ELEVATION |
|----|----|---------|---------|---------------|------------|------|-----|-------|-----------|
| 3 | 60 | 230/460 | 3/1.5 | INVERTER ONLY | CONTINUOUS | H1 | 1.0 | 40 | 3300 |

| FULL LOAD EFF: 84 | 3/4 LOAD EFF: 82.5 | 1/2 LOAD EFF: 78.5 | GTD. EFF | ELEC. TYPE | NO LOAD AMPS |
|-------------------|--------------------|--------------------|----------|------------------|--------------|
| FULL LOAD PF: 75 | 3/4 LOAD PF: 65.5 | 1/2 LOAD PF: 51 | 81.5 | SQ CAGE INV DUTY | 2 / 1 |

| F.L. TORQUE | LOCKED ROTOR AMPS | L.R. TORQUE | B.D. TORQUE | F.L. RISE°C |
|-------------|-------------------|----------------|--------------|-------------|
| 3 LB-FT | 30 / 15 | 10.8 LB-FT 360 | 15 LB-FT 500 | 65 |

| SOUND PRESSURE @ 3 FT. | SOUND POWER | ROTOR WK^2 | MAX. WK^2 | SAFE STALL TIME | STARTS /HOUR | APPROX. MOTOR WGT |
|------------------------|-------------|--------------|-----------|-----------------|--------------|-------------------|
| 62 dBA | 72 dBA | 0.11 LB-FT^2 | 0 LB-FT^2 | 0 SEC. | 0 | 42 LBS. |

EQUIVALENT WYE CKT.PARAMETERS (OHMS PER PHASE)

| R1 | R2 | X1 | X2 | XM |
|-------|--------|---------|--------|---------|
| 8.378 | 5.6232 | 10.7068 | 9.9116 | 278.036 |

| RM | ZREF | XR | TD | TD0 |
|---------|------|-----|--------|-------|
| 11132.8 | 284 | 1.7 | 0.0071 | 0.136 |

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

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

| BEARINGS | | GREASE | SHAFT TYPE | SPECIAL DE | SPECIAL ODE | SHAFT MATERIAL | FRAME MATERIAL |
|----------|------|------------|------------|------------|-------------|--------------------------|----------------|
| DE | OPE | POLYREX EM | T | NONE | NONE | 1144 STRESSPROOF (C-223) | ROLLED STEEL |
| BALL | BALL | | | | | | |
| 6205 | 6203 | | | | | | |

| THERMO-PROTECTORS | | | | THERMISTORS | CONTROL | SPACE /n HEATERS |
|-------------------|------------|----------|----------|-------------|---------|------------------|
| THERMOSTATS | PROTECTORS | WDG RTDs | BRG RTDs | NONE | FALSE | NONE VOLTS |
| NONE | NOT | NONE | NONE | | | |

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| INVERTER TORQUE: CONSTANT 1000:1 INV. HP SPEED RANGE: 2.0 X BASE SPEED |
| ENCODER: REGAL SUPPLIED - REGAL MOUNT DYNAPAR HS20 MS CONNECTOR 1024 PPR |
| BRAKE: NONE NONE NONE P/N NONE NONE NONE |

DATE: 08/13/2016 01:16:11 AM
FORM 3531 REV.3 02/07/99
** Subject to change without notice.