

PRODUCT INFORMATION PACKET



Model No: 286TTFNA16965
Catalog No: 286TTFNA16965
30,1800,TEFC,286T,3/60/460

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Nameplate Specifications

Technical Specifications

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DATA VOLTS: 460

CERTIFICATION DATA SHEET

CUSTOMER: _____
 ORDER #: _____
 CONN. DIAGRAM: EE7300
 OUTLINE: SS311057-1425
 WINDING: K2864159 NONE 7
 SPEED: _____

CUSTOMER P.O. #: _____
 REFERENCE MODEL #: 286TTFNA16965
 CAT #: #VALUE!
 CUSTOMER PART #: _____
 MOUNTING: F1/F2 CAPABLE
 FAN: 504205B

TYPICAL MOTOR PERFORMANCE DATA

| HP | KW | SYNC RPM | FL RPM | FRAME | ENCLOSURE | TYPE | KVA CODE | DESIGN |
|----|------|----------|--------|-------|-----------|------|----------|--------|
| 30 | 22.4 | 1800 | 1773 | 286T | TEFC | TFN | G | B |

| PH | HZ | VOLTS | AMPS | START TYPE | DUTY | INSL | S.F. | AMB | ELEV. |
|----|----|-------|------|------------------|------|------|------|-----|-------|
| 3 | 60 | 460 | 36.5 | LINE OR INVERTER | CONT | H | 1.15 | 40 | 3300 |

| F.L. EFF | 94.1 | 3/4 LD EFF | 94.1 | 1/2 LD EFF | 93.6 | GTD EFF | ELECT. TYPE |
|----------|------|------------|------|------------|------|---------|-------------------|
| F.L. PF | 82.0 | 3/4 LD PF | 77.0 | 1/2 LD PF | 67.5 | 93.6 | SQ CAGE INV RATED |

| F.L. TORQUE | LR AMPS @ 460 V | L.R. TORQUE | B.D. TORQUE | F.L. RISE (° C) |
|-------------|-----------------|----------------|----------------|-----------------|
| 89.0 LB-FT | 217 | 165 LB-FT 185% | 245 LB-FT 275% | 60 |

| SOUND PRESSURE | SOUND | ROTOR WK ² | MAX. LOAD WK ² | SAFE STALL TIME | STARTS/HOUR | APROX. | MOTOR |
|----------------|--------|------------------------|---------------------------|-----------------|-------------|--------|-------|
| 65 dBA | 74 dBA | 4.6 LB-FT ² | 225 LB-FT ² | 25 SEC. | 2 | 540 | LB. |

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

| DE BRACKET TYPE | ODE BRACKET TYPE | MOUNT TYPE | MOTOR ORIENTATION | SEVERE DUTY | HAZARDOUS LOCATION | DRIP COVER | SCREENS | PAINT |
|-----------------|------------------|------------|-------------------|---------------------|--------------------|------------|---------|-------------------------|
| STANDARD | STANDARD | RIGID | HORIZONTAL | PREMIUM SEVERE DUTY | NONE | YES | NONE | BLUE - RAL 5003 (EPOXY) |

| BEARINGS | | GREASE | SHAFT TYPE | SPECIAL DE | SPECIAL ODE | SHAFT MATERIAL | FRAME MATERIAL |
|----------|------|------------|------------|------------|-------------|-------------------------|----------------|
| DE | ODE | POLYREX EM | T | NONE | NONE | 1045 HOT ROLLED (C-204) | CAST IRON |
| BALL | BALL | | | | | | |
| 6311 | 6210 | | | | | | |

| THERMOSTATS | PROTECTORS | WDG RTD's | BRG RTD's | THERMISTORS | CONTROL | SPACE HEATERS |
|-------------|------------|-----------|-----------|-------------|---------|---------------|
| NONE | NOT | NONE | NONE | NONE | FALSE | NA |

| R1 (ohms/ph) | R2 (ohms/ph) | X1 (ohms/ph) | X2 (ohms/ph) | Xm (ohms/ph) | VIBRATION (in/sec) | FLOAT |
|--------------|--------------|--------------|--------------|--------------|--------------------|-------|
| 0.125 | 0.136 | 0.724 | 0.937 | 17.785 | 0.080 | ODE |

| | |
|---------------------------------|--------------------------------|
| * N O T E S * | INVERTER TORQUE: CONSTANT 10:1 |
| | INV. HP SPEED RANGE: NONE |
| | ENCODER: NONE |
| | NONE PPR |

| | |
|--------------------|--------------------------------|
| PREPARED BY: _____ | BRAKE: NONE |
| DATE: 2/2/2023 | NONE NONE |
| | FT-LB: NA |
| | VOLTAGE: NONE HZ: |
| | UL: V - LI,ME-INS,CONST UL REC |

FORM: 3531 REV_4 2/27/06