



UNITS: INCHES

| FRAME SIZE | MOTOR DIMENSIONS | | | | | | | | | | | CONDUIT BOX | | | | | | |
|------------|------------------|-------------|------|-----------------|-------|-------|----------|-------|-------|----------|---------|----------------|-----------|------|------|-----|------|------|
| | A | B | C | D | G | J | K | M | O | P | T | MAXIMUM | AB | AC | AE | AF | XL | XN |
| 5810USS | 28.0 | 42.2 | 72.5 | 14.50 | 1.6 | 6.3 | 9.3 | 27.6 | 30.5 | 31.6 | 5.1 | 4.00 | 31.1 | 23.8 | 14.5 | 9.3 | 23.4 | 14.2 |
| 5810US | 28.0 | 42.2 | 72.3 | 14.50 | 1.6 | 6.3 | 9.3 | 27.6 | 30.5 | 31.6 | 5.1 | 4.00 | 31.1 | 23.8 | 14.5 | 9.3 | 23.4 | 14.2 |
| 5810UZ | 28.0 | 42.2 | 77.6 | 14.50 | 1.6 | 6.3 | 9.3 | 27.6 | 30.5 | 31.6 | 5.1 | 4.00 | 31.1 | 23.8 | 14.5 | 9.3 | 23.4 | 14.2 |
| FRAME SIZE | MOUNTING | | | SHAFT EXTENSION | | | KEY SEAT | | | BEARINGS | | MAXIMUM WEIGHT | | | | | | |
| | E | ZF | H | BA | N-W | V | U | R | S | ES | LS | | OS | | | | | |
| 5810USS | 11.50 | 36.00/32.00 | 1.2 | 10.00 | 6.75 | 6.50 | 2.375 | 2.021 | 0.625 | 5.00 | 6313C3 | NU313C3 | 7800 lbs. | | | | | |
| 5810US | 11.50 | 36.00/32.00 | 1.2 | 10.00 | 6.25 | 6.19 | 3.625 | 3.134 | 0.875 | 5.00 | 6320C3 | 6320C3 | 7800 lbs. | | | | | |
| 5810UZ | 11.50 | 36.00/32.00 | 1.2 | 10.00 | 11.62 | 11.38 | 5.250 | 4.550 | 1.250 | 10.00 | NU328C3 | 6320C3 | 7800 lbs. | | | | | |

CUSTOMER: _____ MOTOR MODEL NO.: _____ TAG NO's: _____

P.O. NO.: _____ HP: _____ VOLTAGE: _____ RPM(SYN.): _____ HZ: _____
 FRAME SIZE: _____ PRODUCT TYPE: IEFEC EGP III, EPACT, & HIGH EFFICIENCY QUARRY DUTY
 COMMENTS: _____

PER: _____ DATE: _____

TOSHIBA RESERVES THE RIGHT TO MAKE CHANGES OF TECHNICAL IMPROVEMENT AND THE DATA MAY CHANGE WITHOUT NOTICE PRELIMINARY
 DO NOT USE FOR CONSTRUCTION, INSTALLATION, OR APPLICATION PURPOSES UNLESS THE DRAWING IS MARKED AS CERTIFIED CERTIFIED

- NOTES:
- DIMENSION V REPRESENTS LENGTH OF STRAIGHT PART OF SHAFT
 - MAIN CONDUIT BOX MAY BE ROTATED IN 90° INCREMENTS
 - KEY DIMENSIONS EQUAL S x S x 10.00 FOR UZ AND S x S x 5.00 FOR USS & US (MOTOR SUPPLIED WITH KEY)
 - MOTOR WEIGHT SHOWN IS MAXIMUM HORSEPOWER IN FRAME
 - THIS DIMENSION EQUALS 2F FOR 5809USS/US/UZ MOUNTING
 - STANDARD PRODUCT USE BI-DIRECTIONAL FAN, OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE

STANDARD (NO AUX. BOXES)
 RTD AUX. BOX
 SPACE HEATER AUX. BOX
 BEARING RTD's

TOSHIBA
 TOSHIBA INTERNATIONAL CORPORATION

TOTALLY-ENCLOSED FAN-COOLED
 HORIZONTAL FOOT-MOUNTED
 3 PHASE INDUCTION MOTOR
 F1 ASSEMBLY

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