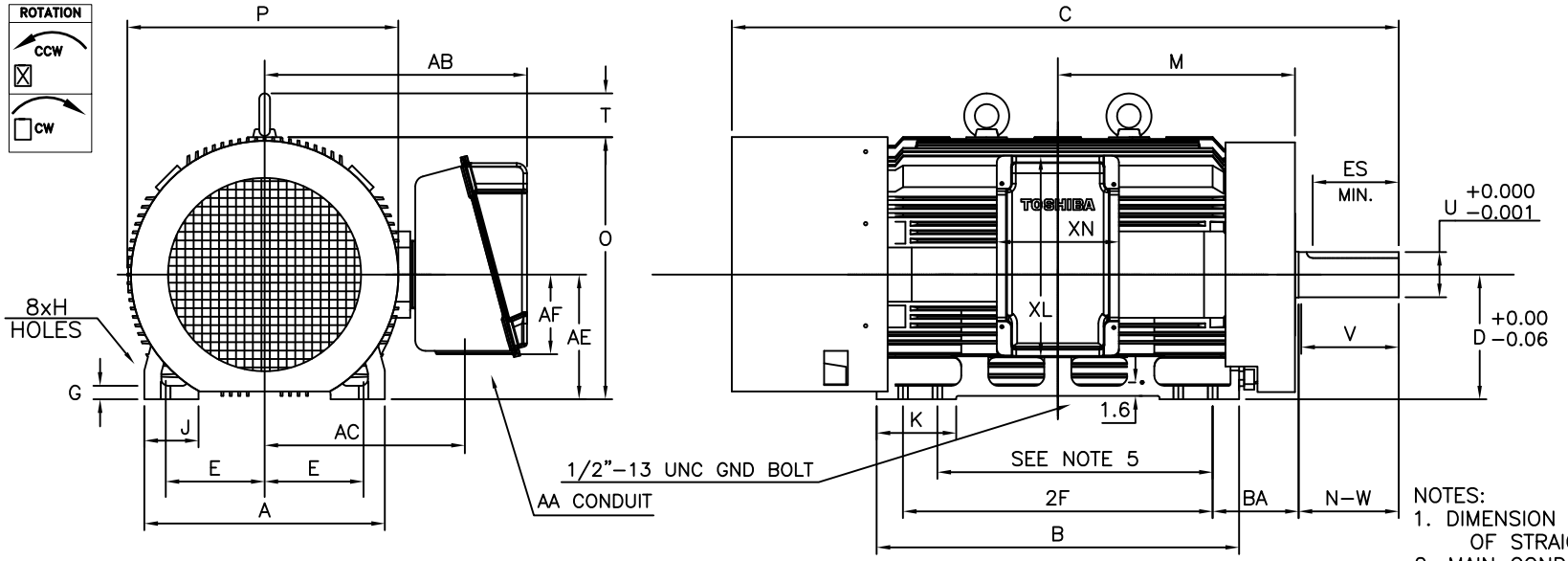


UNITS: INCHES

| FRAME SIZE | MOTOR DIMENSIONS | | | | | | | | | | | CONDUIT BOX | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | G | J | K | M | O | P | T | AA[NPT] | 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 | 2F | 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 | |
| 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 | |

NOTES:
1. DIMENSION V REPRESENTS LENGTH OF STRAIGHT PART OF SHAFT
2. MAIN CONDUIT BOX MAY BE ROTATED IN 90° INCREMENTS
3. KEY DIMENSIONS EQUAL S x S x 10.00 FOR UZ AND S x S x 5.00 FOR US & USS (MOTOR SUPPLIED WITH KEY)
4. MOTOR WEIGHT SHOWN IS MAXIMUM HORSEPOWER IN FRAME
5. THIS DIMENSION EQUALS 2F FOR 5809US/UZ MOUNTING
6. STANDARD 4–8 POLE PRODUCT USES BI–DIRECTIONAL FAN. OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE
7. STANDARD 2 POLE PRODUCT USES UNI–DIRECTIONAL FAN. OPPOSITE ROTATION AVAILABLE ONLY BY FAN AND CONNECTION CHANGE

CUSTOMER: _____ MOTOR MODEL NO.: _____

P.O. NO.: _____ HP: _____ VOLTAGE: _____ RPM(SYN.): _____ Hz: _____

FRAME SIZE: _____ PRODUCT TYPE: TEFC EQP III 840 & 841

COMMENTS: _____

PER: _____ DATE: _____

TAG NO's.:

- [X] STANDARD (NO AUX. BOXES)
- [ ] RTD AUX. BOX
- [ ] SPACE HEATER AUX. BOX
- [ ] BEARING RTD's

TOSHIBA RESERVES THE RIGHT TO MAKE CHANGES OF TECHNICAL IMPROVEMENT AND THE DATA MAY CHANGE WITHOUT NOTICE [X] PRELIMINARY

DO NOT USE FOR CONSTRUCTION, INSTALLATION, OR APPLICATION PURPOSES UNLESS THE DRAWING IS MARKED AS CERTIFIED [ ] CERTIFIED

**TOSHIBA**

TOSHIBA INTERNATIONAL CORPORATION

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

**XT SERIES**

VISIT OUR WEBSITE AT:
www.toshiba.com/ind

MDSL0031–40 R00