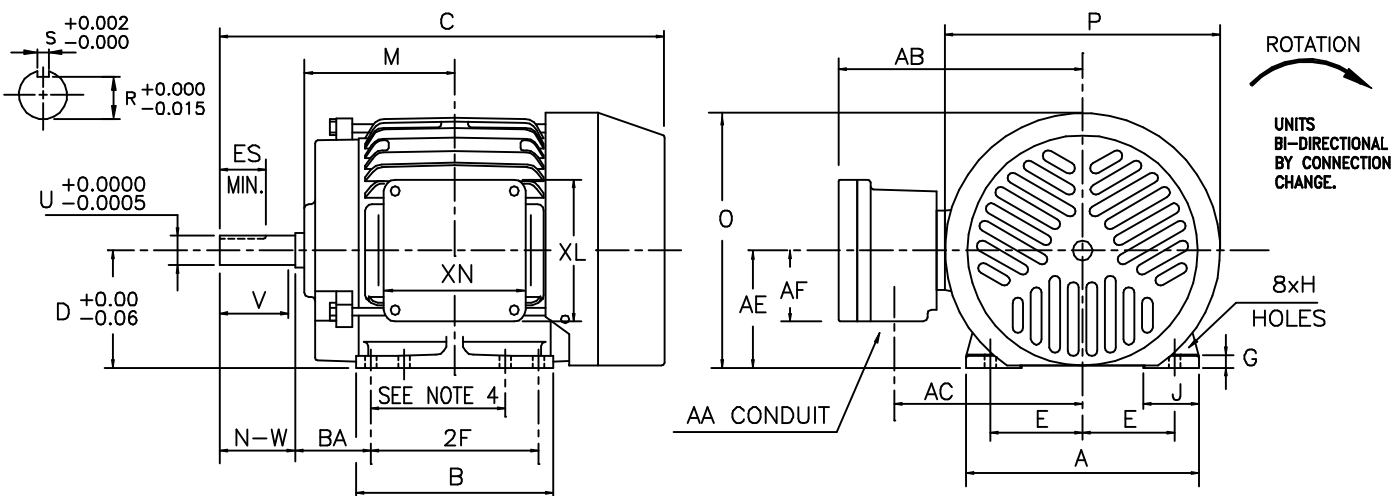


| | |
|------------|-------------|
| INDEX | MDSL0042-01 |
| REV. LEVEL | 1 |
| SHEET | 1 OF 1 |

TOSHIBA/HOUSTON
EXPLOSION PROOF
HORIZONTAL FOOT-MOUNTED
F-2 ASSEMBLY

HAZARDOUS LOCATION
 CLASS I GROUP D
 CLASS II GROUP E, F, AND G
Fr. 143T-145T



UNITS: INCHES

| FRAME SIZE | MOUNTING | | | | CONDUIT BOX | | | | | | |
|------------|----------|------|------|------|-------------|-----|-----|-----|-----|-----|-----|
| | E | 2F | H | BA | AA | AB | AC | AE | AF | XL | XN |
| 143T | 2.75 | 4.00 | 0.34 | 2.25 | 0.75 | 7.3 | 5.6 | 3.5 | 2.1 | 4.2 | 4.2 |
| 145T | 2.75 | 5.00 | 0.34 | 2.25 | 0.75 | 7.3 | 5.6 | 3.5 | 2.1 | 4.2 | 4.2 |

| FRAME SIZE | MOTOR DIMENSIONS | | | | | | | | |
|------------|------------------|-----|------|------|-----|-----|-----|-----|-----|
| | A | B | C | D | G | J | M | O | P |
| 143T/145T | 6.9 | 5.9 | 13.2 | 3.50 | 0.4 | 1.6 | 4.5 | 7.6 | 8.2 |

| FRAME SIZE | SHAFT EXTENSION | | | KEY SEAT | | | BEARINGS | | MAXIMUM WEIGHT |
|------------|-----------------|------|-------|----------|-------|------|----------|--------|----------------|
| | N-W | V | U | R | S | ES | LS | OS | |
| 143T/145T | 2.25 | 2.00 | 0.875 | 0.771 | 0.188 | 1.41 | 6305UU | 6305UU | 77 lbs. |

- NOTES:
1. DIMENSION V REPRESENTS LENGTH OF STRAIGHT PART OF SHAFT
 2. CONDUIT BOX MAY BE ROTATED IN 90° INCREMENTS AND MAY BE MOUNTED ON OPPOSITE SIDE ON SPECIAL ORDERS
 3. KEY DIMENSIONS EQUAL S x S x 1.38 (MOTOR SUPPLIED WITH KEY)
 4. DIMENSIONS FOR 143T MOUNTING EQUAL (2F) LOCATED IN 143T SIDE VIEW.
 5. MOTOR WEIGHT SHOWN IS MAXIMUM HORSEPOWER IN FRAME.

ALL DATA SUBJECT TO CHANGE WITHOUT NOTICE.
 FOR CONSTRUCTION USE ONLY CERTIFIED DATA.

CERTIFIED DATA

CUSTOMER: _____ P.O. NO.: _____ TAG NO.: _____
 MOTOR MODEL NO.: _____ TOSHIBA FILE NO.: _____
 HP: _____ RPM (SYN.): _____ VOLTAGE: _____ Hz: _____
 FRAME SIZE: _____ LOG NO.: _____ LOG REV. LEVEL: _____
 REMARKS: _____
 PER: _____ ISSUE DATE: _____ SUPERSEDES: _____