



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   |
| 5010USS    | 24.8             | 39.8 | 64.9 | 12.50 | 2.6 | 6.3 | 6.7 | 24.8 | 26.2 | 29.5 | 5.1 | 4.00        | 24.8 | 20.4 | 12.5 | 9.2 | 15.2 | 10.2 |
| 5010US     | 24.8             | 39.8 | 66.3 | 12.50 | 2.6 | 6.3 | 6.7 | 24.8 | 26.2 | 29.5 | 5.1 | 4.00        | 24.8 | 20.4 | 12.5 | 9.2 | 15.2 | 10.2 |
| 5010UZ     | 24.8             | 39.8 | 71.7 | 12.50 | 2.6 | 6.3 | 6.7 | 24.8 | 26.2 | 29.5 | 5.1 | 4.00        | 24.8 | 20.4 | 12.5 | 9.2 | 15.2 | 10.2 |

| FRAME<br>SIZE | MOUNTING |       |     |      | SHAFT EXTENSION |       |       | KEY SEAT |       |       | BEARINGS |         | MAXIMUM<br>WEIGHT |
|---------------|----------|-------|-----|------|-----------------|-------|-------|----------|-------|-------|----------|---------|-------------------|
|               | E        | 2F    | H   | BA   | N-W             | V     | U     | R        | S     | ES    | LS       | OS      |                   |
| 5010USS       | 10.00    | 32.00 | 1.2 | 8.50 | 4.75            | 4.50  | 2.375 | 2.021    | 0.625 | 3.00  | 6313C3   | NU313C3 | 4650 lbs.         |
| 5010US        | 10.00    | 32.00 | 1.2 | 8.50 | 6.25            | 6.19  | 3.625 | 3.134    | 0.875 | 5.00  | 6320C3   | 6320C3  |                   |
| 5010UZ        | 10.00    | 32.00 | 1.2 | 8.50 | 11.62           | 11.38 | 4.375 | 3.817    | 1.000 | 10.00 | NU324C3  | 6320C3  |                   |

#### 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, S x S x 5.00 FOR US, AND S x S x 3.00 FOR USS (MOTOR SUPPLIED WITH KEY)
- MOTOR WEIGHT SHOWN IS MAXIMUM HORSEPOWER IN FRAME
- STANDARD 4-8 POLE PRODUCT USES BI-DIRECTIONAL FAN. OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE
- STANDARD 2 POLE PRODUCT USES UNI-DIRECTIONAL FAN. OPPOSITE ROTATION AVAILABLE ONLY BY FAN AND CONNECTION CHANGE

CUSTOMER: \_\_\_\_\_ MOTOR MODEL NO.: **B5003FKG80MHD**

P.O. NO.: \_\_\_\_\_ HP: **500** VOLTAGE: **575** RPM(SYN.): **3600** Hz: **60**

FRAME SIZE: **5010USS** PRODUCT TYPE: **TEFC EQP III 840 & 841**

COMMENTS: \_\_\_\_\_

PER: \_\_\_\_\_ DATE: \_\_\_\_\_

TAG NO's: \_\_\_\_\_

- ☒ 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 ☒ 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](http://www.toshiba.com/ind)

# TOSHIBA

Reliability in Motion

## TOSHIBA INTERNATIONAL CORPORATION

INDUSTRIAL DIVISION

PO BOX 40906

HOUSTON TX 77240

(713) 466-0277

(800) 231-1412

FAX (713) 466-8773

### SPARE PARTS (RECOMMENDED)

OTHER THAN THE GREASE USED FOR RE-GREASABLE BEARINGS, **TOSHIBA** ADVISES THAT THERE ARE NO "USE" PARTS. THE ONLY INSURANCE SPARES THAT **TOSHIBA** SUGGESTS FOR THESE SQUIRREL CAGE INDUCTION MOTORS ARE INDUSTRY STANDARD, AND COMMERCIALY AVAILABLE ANTI-FRICTION BEARINGS, AS NOTED BELOW.

MOTOR COMPONENTS (SUCH AS TERMINAL BOXES, FAN COVERS, MACHINED PARTS) ARE AVAILABLE UPON SPECIAL REQUEST. IN THIS CASE, PLEASE ADVISE OUR ORDER ENTRY DEPARTMENT THE MODEL AND SERIAL NUMBERS (FOUND ON THE MOTOR NAMEPLATE) , AND A DESCRIPTION OF THE COMPONENT REQUIRED. THEY WILL THEN FURNISH THE CURRENT PART NUMBER, PRICE AND AVAILABILITY.

(NOTE: OUR INTERNAL PART NUMBERS ARE SUBJECT TO CHANGE WITHOUT NOTICE, AND ARE NOT PUBLISHED).

PLEASE ADVISE IF YOU HAVE ANY QUESTIONS.

CUSTOMER:

PURCHASE ORDER #

Customer Tag:

TOSHIBA FILE #

MODEL # B5003FKG8OMHD

HP / RPM / ENCL / FRAME: 500 / 3600 / TEFC / 5010USS

DRIVE END BEARING: 6313C3

OPPOSITE DRIVE END BEARING: NU313C3

Prepared By:

Date: