



UNITS: INCHES

| FRAME SIZE | MOTOR DIMENSIONS | | | | | | | | | | P-FLANGE DIMENSIONS | | | | | | | | | | SHAFT EXTENSION DIMENSIONS | | | | | | | | | |
|------------|------------------|------|------|------|-----|------|-----|------|------|------|---------------------|-------|------|-------|-------|------|-------|-------|------|-------|----------------------------|--|--|--|--|--|--|--|--|--|
| | AG | C | P | OX | BU | BB | BE | BF | BD | BV | AK | AU | AH | EU | U | V | R | S | ES | EW | EX | | | | | | | | | |
| 250HP10 | 36.5 | 39.3 | 15.7 | 17.1 | 4.5 | 0.25 | 1.0 | 0.44 | 10.0 | 15.7 | 8.25 | 9.125 | 2.75 | 0.875 | 1.125 | 2.75 | 0.986 | 0.25 | 1.28 | 0.375 | 0.75 | | | | | | | | | |
| 250HP12 | 36.5 | 39.3 | 15.7 | 17.1 | 4.5 | 0.25 | 1.0 | 0.44 | 12.0 | 15.7 | 8.25 | 9.125 | 2.75 | 0.875 | 1.125 | 2.75 | 0.986 | 0.25 | 1.28 | 0.375 | 0.75 | | | | | | | | | |
| 250LP10 | 36.5 | 39.3 | 15.7 | 17.1 | 4.5 | 0.25 | 1.0 | 0.44 | 10.0 | 15.7 | 8.25 | 9.125 | 2.75 | 1.250 | 1.625 | 2.75 | 1.416 | 0.375 | 1.28 | 0.375 | 0.75 | | | | | | | | | |
| 250LP12 | 36.5 | 39.3 | 15.7 | 17.1 | 4.5 | 0.25 | 1.0 | 0.44 | 12.0 | 15.7 | 8.25 | 9.125 | 2.75 | 1.250 | 1.625 | 2.75 | 1.416 | 0.375 | 1.28 | 0.375 | 0.75 | | | | | | | | | |
| 280HP10 | 36.5 | 39.3 | 15.7 | 17.1 | 4.5 | 0.25 | 1.0 | 0.44 | 10.0 | 15.7 | 8.25 | 9.125 | 2.75 | 0.875 | 1.125 | 2.75 | 0.986 | 0.25 | 1.28 | 0.375 | 0.75 | | | | | | | | | |
| 280HP12 | 36.5 | 39.3 | 15.7 | 17.1 | 4.5 | 0.25 | 1.0 | 0.44 | 12.0 | 15.7 | 8.25 | 9.125 | 2.75 | 0.875 | 1.125 | 2.75 | 0.986 | 0.25 | 1.28 | 0.375 | 0.75 | | | | | | | | | |
| 280LP10 | 36.5 | 41.0 | 15.7 | 17.1 | 4.5 | 0.25 | 1.0 | 0.44 | 10.0 | 15.7 | 8.25 | 9.125 | 4.50 | 1.750 | 2.125 | 4.50 | 1.845 | 0.50 | 3.03 | 0.375 | 0.75 | | | | | | | | | |
| 280LP12 | 36.5 | 41.0 | 15.7 | 17.1 | 4.5 | 0.25 | 1.0 | 0.44 | 12.0 | 15.7 | 8.25 | 9.125 | 4.50 | 1.750 | 2.125 | 4.50 | 1.845 | 0.50 | 3.03 | 0.375 | 0.75 | | | | | | | | | |
| 280HP10 | 36.5 | 41.0 | 15.7 | 17.1 | 4.5 | 0.25 | 1.0 | 0.44 | 10.0 | 15.7 | 8.25 | 9.125 | 4.50 | 1.250 | 1.625 | 4.50 | 1.416 | 0.375 | 3.03 | 0.375 | 0.75 | | | | | | | | | |
| 280HP12 | 36.5 | 41.0 | 15.7 | 17.1 | 4.5 | 0.25 | 1.0 | 0.44 | 12.0 | 15.7 | 8.25 | 9.125 | 4.50 | 1.250 | 1.625 | 4.50 | 1.416 | 0.375 | 3.03 | 0.375 | 0.75 | | | | | | | | | |
| 280LP12 | 36.5 | 41.0 | 15.7 | 17.1 | 4.5 | 0.25 | 1.0 | 0.44 | 12.0 | 15.7 | 8.25 | 9.125 | 4.50 | 1.250 | 1.625 | 4.50 | 1.416 | 0.375 | 3.03 | 0.375 | 0.75 | | | | | | | | | |
| 280HP16 | 36.5 | 41.0 | 15.7 | 17.1 | 4.5 | 0.25 | 1.0 | 0.69 | 16.5 | 15.7 | 13.50 | 14.75 | 4.50 | 1.750 | 2.125 | 4.50 | 1.845 | 0.50 | 3.03 | 0.375 | 0.75 | | | | | | | | | |
| 280LP16 | 36.5 | 41.0 | 15.7 | 17.1 | 4.5 | 0.25 | 1.0 | 0.69 | 16.5 | 15.7 | 13.50 | 14.75 | 4.50 | 1.250 | 1.625 | 4.50 | 1.416 | 0.375 | 3.03 | 0.375 | 0.75 | | | | | | | | | |
| 280HPA16 | 36.5 | 41.0 | 15.7 | 17.1 | 4.5 | 0.25 | 1.0 | 0.69 | 16.5 | 15.7 | 13.50 | 14.75 | 4.50 | 1.250 | 1.625 | 4.50 | 1.416 | 0.375 | 3.03 | 0.375 | 0.75 | | | | | | | | | |
| 280LPA16 | 36.5 | 41.0 | 15.7 | 17.1 | 4.5 | 0.25 | 1.0 | 0.69 | 16.5 | 15.7 | 13.50 | 14.75 | 4.50 | 1.250 | 1.625 | 4.50 | 1.416 | 0.375 | 3.03 | 0.375 | 0.75 | | | | | | | | | |

| FRAME SIZE | CONDUIT BOX DIMENSIONS | | | | | |
|------------|------------------------|-----|-----|-----|-----|----------------|
| | AB | AC | AF | XL | XN | MAXIMUM WEIGHT |
| 1.50 | 10.7 | 8.3 | 4.0 | 7.4 | 5.3 | 500 lbs. |

| FRAME SIZE | LS | OS | BEARINGS |
|------------|--------|---------------|----------|
| 250HP | 6309C3 | 6310C3 | |
| 250LP | 6309C3 | 7309BEGAM x 2 | |
| 280HP | 6309C3 | 6310C3 | |
| 280LP | 6312C3 | 7309BEGAM x 2 | |

- 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 ES (MOTOR SUPPLIED WITH KEY)
 4. MOTOR WEIGHT SHOWN IS MAXIMUM HORSEPOWER IN FRAME
 5. STANDARD PRODUCT USE BI-DIRECTIONAL FAN, OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE

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

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

FRAME SIZE: _____ PRODUCT TYPE: VERTICAL SOLID SHAFT ROUND BODY P-FLANGE _____

COMMENTS: _____

PER: _____ DATE: _____

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

TOTALLY-ENCLOSED FAN-COOLED

TOSHIBA

VERTICAL SOLID SHAFT ROUND BODY P-FLANGE

3 PHASE INDUCTION MOTOR

F1 ASSEMBLY

XT SERIES

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