

- 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 3.25 FOR T AND S x S x 1.87 FOR TS (MOTOR SUPPLIED WITH KEY)
  4. MOTOR WEIGHT SHOWN IS MAXIMUM HORSEPOWER IN FRAME
  5. THIS DIMENSION EQUALS 2F FOR 284T/TS MOUNTING
  6. STANDARD PRODUCT USE BI-DIRECTIONAL FAN. OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE

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	
284TS/286TS	13.1	13.4	26.7	7.00	0.7	2.4	3.6	10.1	14.8	14.9	2.4	1.50	14.8	11.3	7.00	4.8	10.3	8.8	
284T/286T	13.1	13.4	28.0	7.00	0.7	2.4	3.6	10.1	14.8	14.9	2.4	1.50	14.8	11.3	7.00	4.8	10.3	8.8	

FRAME SIZE	MOUNTING			SHAFT EXTENSION			KEY SEAT			BEARINGS		MAXIMUM WEIGHT	
	E	2F	H	BA	N-W	V	U	R	S	ES	LS		OS
284TS/286TS	5.50	9.50/11.00	0.56	4.75	3.25	3.00	1.625	1.416	0.375	1.88	6310C3	6308C3	550 lbs.
284T/286T	5.50	9.50/11.00	0.56	4.75	4.62	4.38	1.875	1.591	0.500	3.25	6310C3	6310C3	550 lbs.

CUSTOMER: \_\_\_\_\_ MOTOR MODEL NO.: **B0108YLF3AMH** TAG NO's.: \_\_\_\_\_  
 P.O. NO.: \_\_\_\_\_ HP: **10** VOLTAGE: **230/460** RPM(SYN.): **900** Hz: **60**  
 FRAME SIZE: **284T** PRODUCT TYPE: **TEFC EXPLOSION PROOF; CLASS I GROUP D; CLASS II GROUPS E, F, G**  
 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

**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).

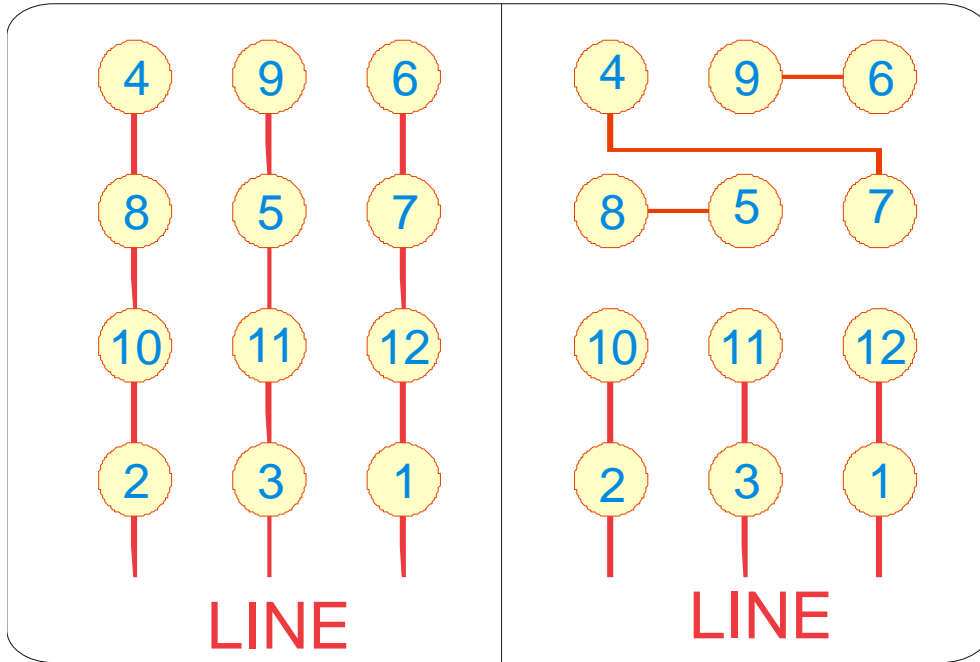
PLEASE ADVISE IF YOU HAVE ANY QUESTIONS.

CUSTOMER:  
PURCHASE ORDER #  
Customer Tag:

TOSHIBA FILE #  
MODEL # B0108YLF3AMH  
HP / RPM / ENCL / FRAME: 10 / 900 / TEXP / 284T  
DRIVE END BEARING: 6310C3  
OPPOSITE DRIVE END BEARING: 6310C3

**Prepared By:**  
**Date:**

Three Phase Motor Wiring Diagram  
"Across The Line" (Full Voltage) Starting



Customer Name:	
PO No.:	
Customer Tag:	
TIC File No.:	
Motor Model No. B0108YLF3AMH	

For Further Information Regarding Toshiba motor starting, maintenance or wiring,  
Please refer to the "Toshiba - A Quality Product for World Energy" Installation and  
Maintenance Manual, or contact the Toshiba Low Voltage Motor Marketing Department.  
(800) 231-1412

Prepared By:   
Date: