

# TECHNICAL INFORMATION

- BEARING LUBRICATION DE: TURBINE OIL ISO VG32  
ODE: TURBINE OIL ISO VG32
- BEARING TYPE DE: RENK M11-110-INS.  
ODE: RENK M11-110-INS.
- WINDING TEMP. DETECTORS  
NUMBER AND TYPE: 6xRTD(Pt100C-100ohm)  
LOCATION: IN STATOR SLOT
- BEARING TEMP. DETECTORS  
NUMBER AND TYPE: \_\_\_\_\_
- SPACE HEATER 1 PHASE  
VOLTS: 120 WATTS: 400
- ROTATION: CCW VIEWED FROM NON DRIVE END  
THIS MOTOR IS UNI DIRECTIONAL
- MOTOR PAINT COLOR: \_\_\_\_\_
- APPROX. WEIGHT: 7300 Lbs
- ACCESORIES:

## DRAWING LIST

MAIN TERMINAL BOX  
130-7532-02

AUX TERMINAL BOX FOR

SPACE HEATER 130-7520-50

R.T.D. 130-7522-51

THERMISTOR N/A

0 FIRST ISSUE

MH 8/15/05

PRODUCTION # N/A

NO. REVISION

BY DATE

## MOTOR OUTLINE FOR THREE PHASE INDUCTION MOTOR

CUSTOMER NAME				P.O. NO.	MOTOR TAG NO.
OUTPUT <b>1000 HP</b>	POLE <b>4</b>	VOLTAGE <b>4000 V</b>	FREQUENCY <b>60 Hz</b>	FULL LOAD SPEED <b>1785 (min<sup>-1</sup>)</b>	TOSHIBA MODEL NO. <b>M205WTQL11E-C</b>
TYPE <b>TIKE</b>	FORM <b>DCW</b>	INS. CLASS <b>F</b>	RATING <b>CONT.</b>	FRAME <b>5811/12</b>	S.F. <b>1.15</b>
ENCLOSURE <b>WP-II</b>					
TOSHIBA INTERNATIONAL CORPORATION HOUSTON, TEXAS U.S.A.					
3rd ANGLE PROJ.	PREPARED BY: M.HO	DATE: 8/15/04	CHECKED BY:	DATE:	DRAWING NO.: MDSL 0087-12
					REV. 0

<b>TOSHIBA INTERNATIONAL CORPORATION</b> Industrial Division / Houston Motor Plant  SQUIRREL CAGE INDUCTION MOTOR PERFORMANCE SPECIFICATIONS	INDEX	MPCF-1033
	SHEET NO.	1 of 1
	ISSUED	11/08/96
	SUPERSEDES	10/06/95
	REVISION	1
	WRITTEN BY	R. EVANS
	APPROVED BY	<i>Jay Bugbee</i>

Customer Tag:

CUSTOMER:

TIC SR No.:

Customer PO:

MOTOR NAMEPLATE DATA				
H.P.: 1000	VOLTS: 4000	3 Ø / 60	Hz	S. RPM: 1800
FRAME: 5811/12 US	ENCL: WP11	FLAMPS:		FLRPM: 1785
FORM: DCW	S.F.: 1.15	NEMA DESIGN: N / A		INSUL CLASS: F
TYPE: TIKE	AMB.: 40	CODE: F		DUTY: CONT.
MODEL No.: M205WTQL11E-C		kW: 750		Serial No.:
NOM. EFF.: 95.4	MIN. EFF.: 94.5	P.F.: 85.9		

AMPERAGE	TORQUES	** BEARINGS:
Locked Rotor: 792	FULL LOAD (lb-ft.): 2,942.3 LOCKED ROTOR (%): 116 BREAK DOWN (%): 255	Drive End: M11-110 INS Opposite Drive End: M11-110 INS

EFFICIENCY (%)	POWER FACTOR (%)
FULL LOAD: 95.6 3/4 LOAD: 95.6 1/2 LOAD: 95.1	FULL LOAD: 85.9 3/4 LOAD: 83.4 1/2 LOAD: 76.2

ALL CHARACTERISTICS ARE AVERAGE EXPECTED VALUES BASED UPON RATED VOLTAGE, FREQUENCY AND SINEWAVE POWER INPUT.  * TEMPERATURE RISE WILL BE CONSISTENT WITH INSULATION, AMBIENT AND SERVICE FACTOR AS DEFINED BY NEMA-MG-12.43 OR -20.40.  ** BEARINGS ARE THE ONLY RECOMMENDED SPARE PART(S).
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**CERTIFIED BY:**  
**DATE:**

# 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 # M205WTQL11E-C

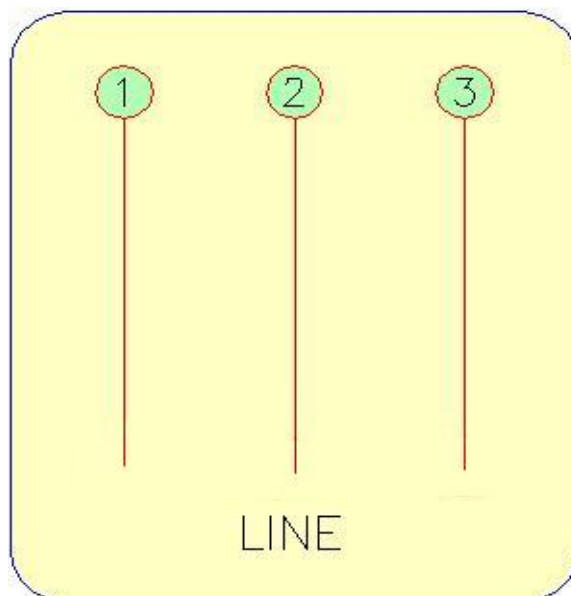
HP / RPM / ENCL / FRAME: 1000 / 1800 / WP11 / 5811/12 US

DRIVE END BEARING: M11-110 INS

OPPOSITE DRIVE END BEARING: M11-110 INS

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. M205WTQL11E-C

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: