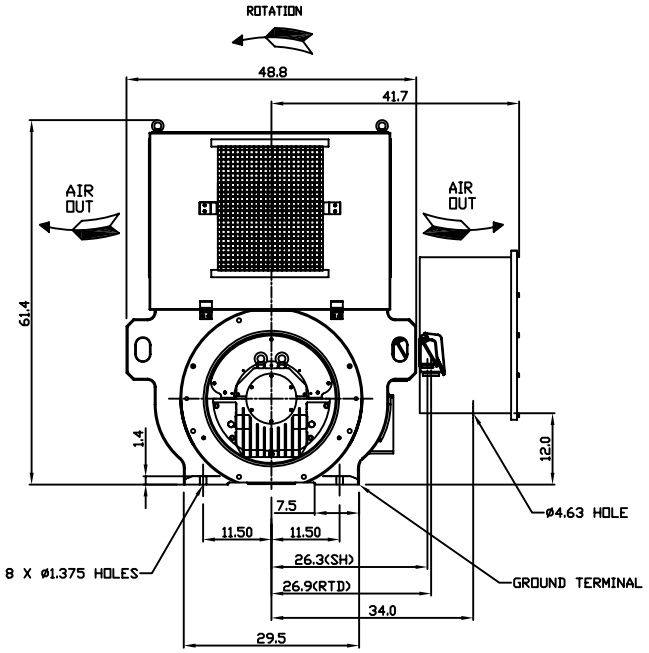
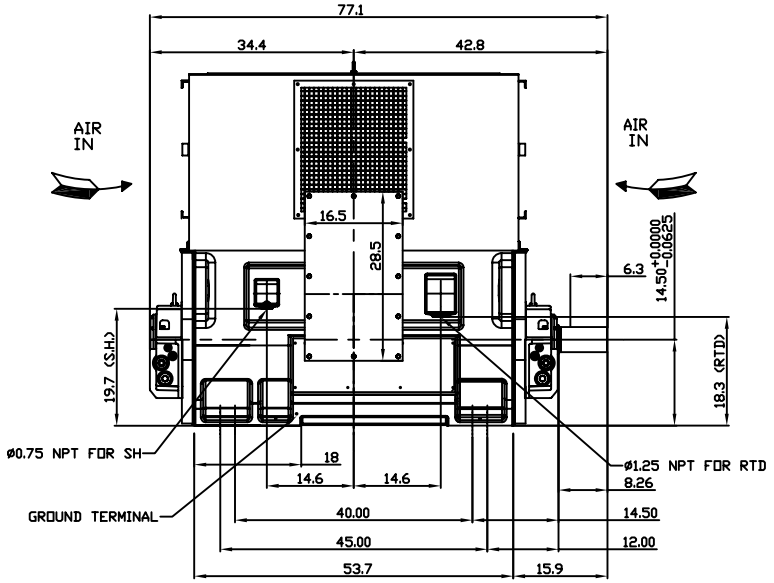
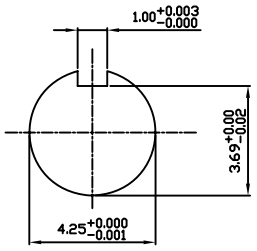
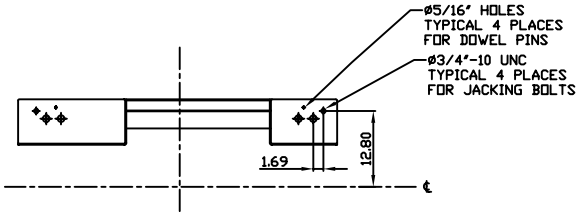








TECHNICAL INFORMATION

1. BEARING LUBRICATION — DE: TURBINE OIL ISO VG32; ODE: TURBINE OIL ISO VG32
2. BEARING TYPE — DE: RENK M11-110-INS.; ODE: RENK M11-110-INS.
3. WINDING TEMP. DETECTORS
   NUMBER AND TYPE: 6xRTD(Pt0°C-100ohm)
   LOCATION: IN STATOR SLOT
4. BEARING TEMP. DETECTORS
   NUMBER AND TYPE:
5. SPACE HEATER 1 PHASE
   VOLTS: 120 WATTS: 400
6. ROTATION: CCW VIEWED FROM NON DRIVE END
   THIS MOTOR IS UNI DIRECTIONAL
7. MOTOR PAINT COLOR:
8. APPROX. WEIGHT: 7300 Lbs
9. 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
PRODUCTION #	N/A

NO.	REVISION	BY	DATE
0	FIRST ISSUE	MH	8/15/05

MOTOR OUTLINE FOR THREE PHASE INDUCTION MOTOR

CUSTOMER NAME				P.O. NO.	MOTOR TAG NO.	
OUTPUT	**POLE**	**VOLTAGE**	**FREQUENCY**	**FULL LOAD SPEED**	**TOSHIBA MODEL NO.**	
1000 HP	4	4000 V	60 Hz	1785 (min⁻¹)	M205WTQL11E-C	
TYPE	**FORM**	**INS. CLASS**	**RATING**	**FRAME**	**S.F.**	**ENCLOSURE**
TIKE	DCW	F	CONT.	5811/12	1.15	WP-II

TOSHIBA INTERNATIONAL CORPORATION
HOUSTON, TEXAS U.S.A.

3rd ANGLE PROJ.	PREPARED BY:	DATE:	CHECKED BY:	DATE:	DRAWING NO.:	REV.
	M.HO	8/15/04			MDSL 0087-12	0

TOSHIBA INTERNATIONAL CORPORATION
Industrial Division / Houston Motor Plant

INDEX	MPCF-1033
SHEET NO.	1 of 1
ISSUED	11/08/96
SUPERSEDES	10/06/95
REVISION	1
WRITTEN BY	R. EVANS
APPROVED BY	Jay Bugbee

SQUIRREL CAGE INDUCTION MOTOR PERFORMANCE SPECIFICATIONS

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:	WPII	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
Locked Rotor: 792

TORQUES
FULL LOAD (lb-ft.): 2,942.3
LOCKED ROTOR (%): 116
BREAK DOWN (%): 255

**** BEARINGS:**
Drive End: M11-110 INS
Opposite Drive End: M11-110 INS

EFFICIENCY (%)
FULL LOAD: 95.6
3/4 LOAD: 95.6
1/2 LOAD: 95.1

POWER FACTOR (%)
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).

CERTIFIED BY:
DATE:

TOSHIBA Reliability in Motion

TOSHIBA INTERNATIONAL CORPORATION
INDUSTRIAL DIVISION
PO BOX 40906
HOUSTON TX 77240 (800) 231-1412
(713) 466-0277 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 COMMERCIALLY 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.

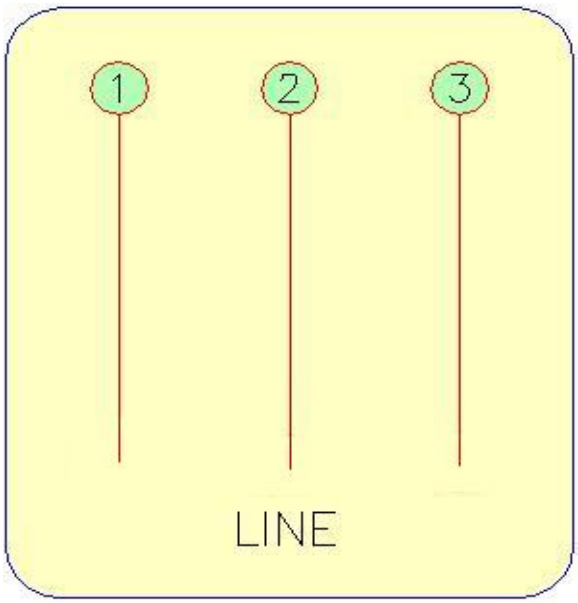
CUSTOMER:
PURCHASE ORDER #
Customer Tag:

TOSHIBA FILE #
MODEL # M205WTQL11E-C
HP / RPM / ENCL / FRAME: 1000 / 1800 / WPII / 5811/12 US
DRIVE END BEARING: M11-110 INS
OPPOSITE DRIVE END BEARING: M11-110 INS

Prepared By:
Date:

TOSHIBA Reliability in Motion

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: