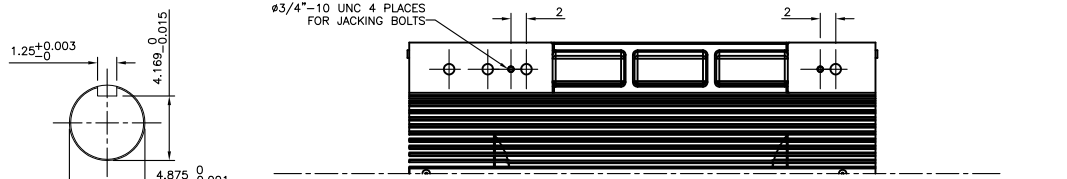


TECHNICAL INFORMATION	
1. BEARING LUBRICATION	DE: <u>TURBINE OIL ISO VG32</u> ODE: <u>TURBINE OIL ISO VG32</u>
2. BEARING TYPE	DE: <u>M11-125 INS</u> ODE: <u>M11-125 INS</u>
3. WINDING TEMP. DETECTORS	NUMBER AND TYPE: <u>6xRTD(PtO°C-100ohm)</u> LOCATION: <u>IN STATOR SLOT</u>
4. BEARING TEMP. DETECTORS	NUMBER AND TYPE: _____
5. SPACE HEATER	<u>1</u> PHASE VOLTS: <u>120</u> WATTS: <u>720</u>
6. ROTATION:	<u>CCW</u> VIEWED FROM NON DRIVE END THIS MOTOR IS <u>BI</u> DIRECTIONAL
7. MOTOR PAINT COLOR:	<u>GRAY</u>
8. APPROX. WEIGHT:	<u>12600</u> Lbs
9. ACCESSORIES:	_____

**PRELIMINARY
FOR QUOTATION ONLY
DO NOT BUILD
FROM THIS DRAWING**

TOSHIBA INTERNATIONAL CORPORATION
RESERVES THE RIGHT TO MAKE TECHNICAL
IMPROVEMENT AND DATA CHANGES WITHOUT NOTICE



UNITS: INCH

DRAWING LIST		NO.	REVISION	BY	DATE
MAIN TERMINAL BOX	130P-7550-73				
AUX TERMINAL BOX FOR					
SPACE HEATER	130-7520-50				
R.T.D.	130-7522-51	1	AIR DEF. ASSY ADDED JACKING HOLE LOCATION CHANGED WEIGHT, S.H OUTPUT CHANGED	ES	5/20/14
THERMISTOR	N/A				
		0	FIRST ISSUE	SJ	4/25/13
PRODUCTION #	N/A	NO.	REVISION	BY	DATE

MOTOR OUTLINE FOR THREE PHASE INDUCTION MOTOR						
CUSTOMER NAME			P.O. NO.		MOTOR TAG NO.	
OUTPUT HP	POLE	VOLTAGE V	FREQUENCY Hz	FULL LOAD SPEED (min ⁻¹)	TOSHIBA MODEL NO.	
TYPE	FORM	INS. CLASS F	RATING CONT.	FRAME 6811US	S.F.	ENCLOSURE TEFC
TOSHIBA INTERNATIONAL CORPORATION HOUSTON, TEXAS U.S.A.						
3rd ANGLE PROJ.	PREPARED BY: S Johnson	DATE: 4/25/13	CHECKED BY:	DATE:	DRAWING NO.: MDSL0071-25	REV. 1

TYPICAL MOTOR PERFORMANCE DATA

Model: 8008FTQL11E-C

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
800	597	8	895	6811US	4000	60	3	113
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	95.8	-		40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	800.00	596.6	113	95.9	79.5
¾ Load	600.00	447.4	89	95.4	75.8
½ Load	400.00	298.3	68	94.2	67.0
¼ Load	200.00	149.1	52	90.3	45.7
No Load			49.7		2.4
Locked Rotor			726		15.2

Torque				Rotor wk ² Inertia (lb-ft ²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
4695	95	100	205	1455.10

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
70	33		M11-125 INS	M11-125 INS	15000

*Bearings are the only recommended spare part(s).

Motor Options:
Product Family:TEFC
Mounting:Footed,Shaft:US Shaft

Customer	
Customer PO	
Sales Order	
Project #	

Tag:

All characteristics are average expected values.

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

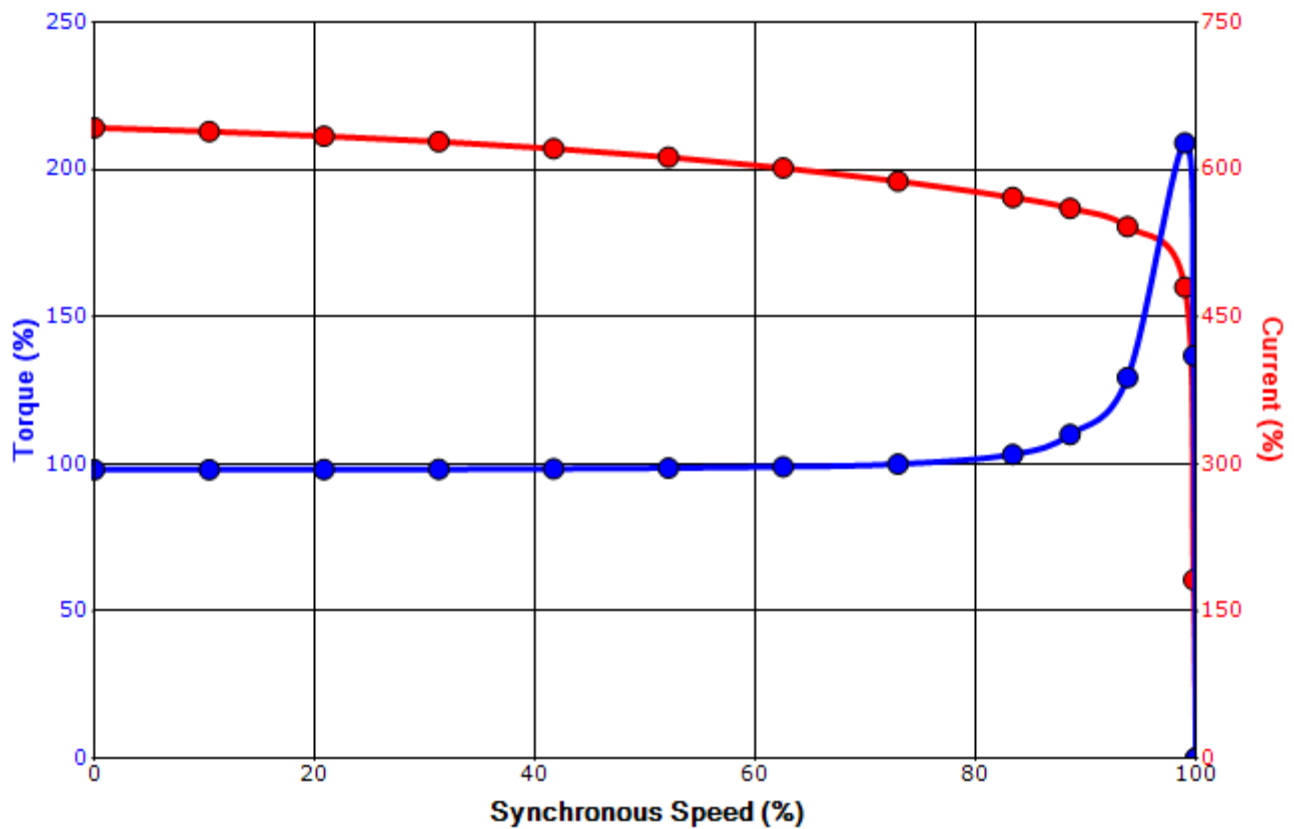
Engineering	bmammen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	4/23/2015	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

SPEED TORQUE/CURRENT CURVE

Model: 8008FTQL11E-C

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
800	597	8	895	6811US	4000	60	3	113
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	95.8	-		40 C
Locked Rotor Amps	Rotor wk ² Inertia (lb-ft ²)	Torque						Break Down (%)
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)				
726	1455.10	4695	95	100			205	

Design Values



Customer		wk ² Load Inertia (lb-ft ²)	-
Customer PO		Load Type	-
Sales Order		Voltage (%)	100
Project #		Accel. Time	-

Tag:

All characteristics are average expected values.

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

Engineering	bmammen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121 / 0
Engr. Date	4/23/2015	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

Motor Connection Diagram

3 Leads - Wye Connection

Single Voltage



Switch L1 and L2 to reverse rotation

Each lead may consist of more than one cable.
If multiple cables represent a single lead, each one of them will be labeled with the appropriate lead number.