

**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(Pt0°C-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**

<b>MAIN TERMINAL BOX</b> 130-7532-02					
<b>AUX TERMINAL BOX FOR</b>					
SPACE HEATER	130-7520-50				
R.T.D.	130-7522-51	1	UPDATE	RWS	1/2/14
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 HP	POLE 4	VOLTAGE V	FREQUENCY Hz	FULL LOAD SPEED (min <sup>-1</sup> )	TOSHIBA MODEL NO.	
TYPE	FORM	INS. CLASS F	RATING CONT.	FRAME 5811/12	S.F.	ENCLOSURE WP-I
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 0086-12	REV. 1

**TYPICAL MOTOR PERFORMANCE DATA**

Model: M255WPQL11E-C

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
1250	933	4	1779	5812US	4000	60	3	157
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
WP-I	23	F	1.15	CONT	96.7	-	F	40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	1250	932.1	156.7	96.7	88.7
¾ Load	937.50	699.1	120.8	96.8	86.3
½ Load	625.00	466.1	87.7	96.4	79.4
¼ Load	312.50	233.0	60.5	94.4	58.8
No Load			45.2		3.9
Locked Rotor			945.10		22.1

Torque				Rotor wk <sup>2</sup> Inertia (lb-ft <sup>2</sup> )
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
3690	120	105	230	296.85

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
30	18	-	M11-110 INS	M11-110 INS	

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

**Motor Options:**  
Product Family:ODP & WP-I  
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	8/18/2014	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

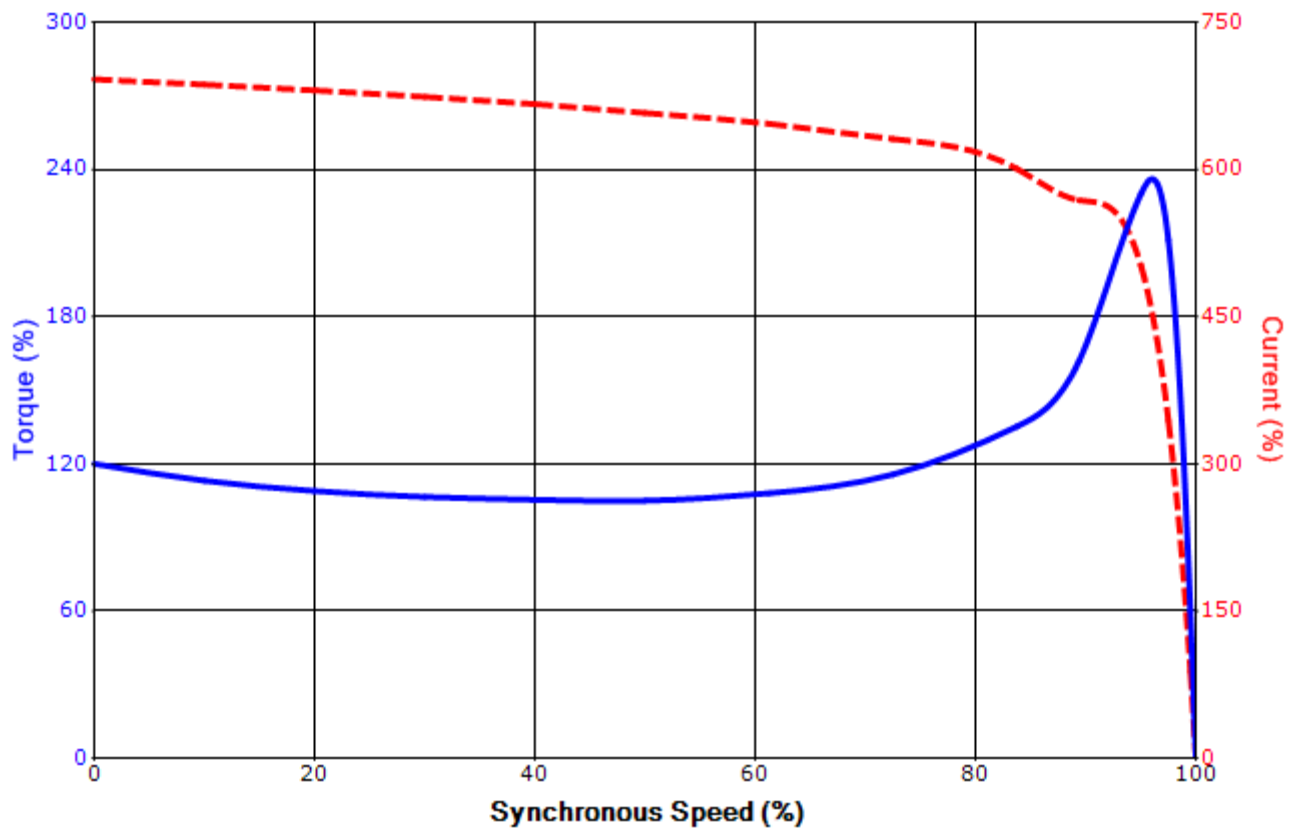
Issued Date	4/23/2015	Transmit #	
Issued By	dschoeck	Issued Rev	

**SPEED TORQUE/CURRENT CURVE**

Model: M255WPQL11E-C

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
1250	933	4	1779	5812US	4000	60	3	157
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
WP-I	23	F	1.15	CONT	96.7	-	F	40 C
Locked Rotor Amps	Rotor wk <sup>2</sup> Inertia (lb-ft <sup>2</sup> )	Torque						Break Down (%)
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)				
945.10	296.85	3690	120	105			230	

**Design Values**



Customer		wk <sup>2</sup> Load Inertia (lb-ft <sup>2</sup> )	-
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
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