

**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(Pt10°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	JACKING TO INLINE	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-II
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. 1

**TYPICAL MOTOR PERFORMANCE DATA**

Model: 9005WTQL11E-C

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
900	671	4	1778	5812US	4000	60	3	115
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
WP-II	24	F	1.15	CONT	95.2	-	G	40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	900	671.1	114.5	95.2	88.9
¾ Load	675.00	503.3	88.3	95.2	86.4
½ Load	450.00	335.6	64.4	94.7	79.4
¼ Load	225.00	167.8	45.0	92.3	58.2
No Load			30.6		5.5
Locked Rotor			751.50		29.2

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)	
2659	170	175	320	247.37

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
22.2	4.2	-	M11-110 INS	M11-110 INS	

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

**Motor Options:**  
Product Family:WP-II  
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	bmmamen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	7/14/2014	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

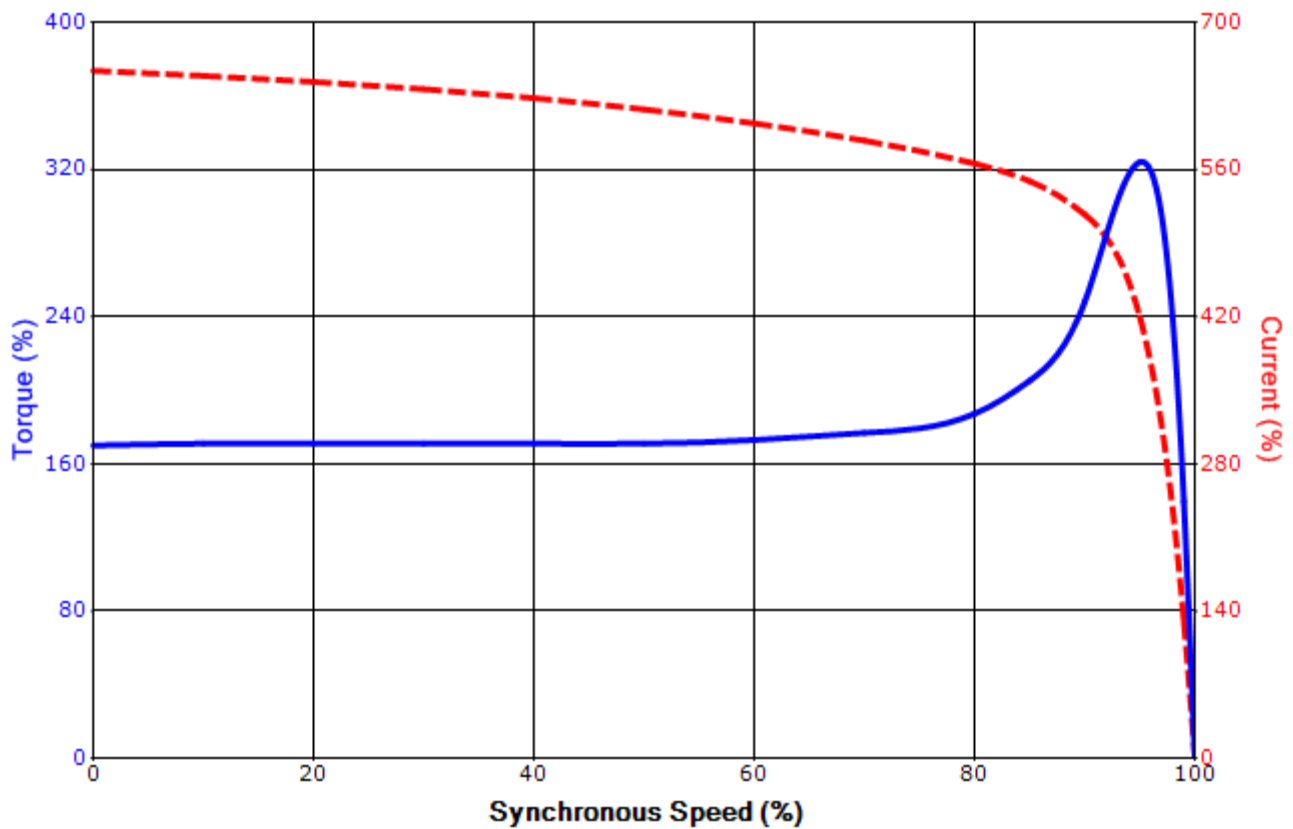
Issued Date	4/23/2015	Transmit #	
Issued By	dschoeck	Issued Rev	

**SPEED TORQUE/CURRENT CURVE**

Model: 9005WTQL11E-C

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
900	671	4	1778	5812US	4000	60	3	115
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
WP-II	24	F	1.15	CONT	95.2	-	G	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 (%)				
751.50	247.37	2659	170	175			320	

**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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