

**TECHNICAL INFORMATION**

1. BEARING LUBRICATION DE: MOBIL POLYREX EM  
ODE: MOBIL POLYREX EM
2. BEARING TYPE DE: 6315C3  
ODE: 6315C3 INSULATED
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				
		5	CHANGE AUX BOX DIM FROM 14.6	HL	3/16/20
			CHANGE JACKING BOLTS FROM 4		
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 2	VOLTAGE V	FREQUENCY Hz	FULL LOAD SPEED (min <sup>-1</sup> )	TOSHIBA MODEL NO.	
TYPE	FORM	INS. CLASS F	RATING CONT.	FRAME 5810/11/12	S.F.	ENCLOSURE WP-II
TOSHIBA INTERNATIONAL CORPORATION HOUSTON, TEXAS U.S.A.						
3rd ANGLE PROJ.	PREPARED BY: R. WILKINS	DATE: 03/25/03	CHECKED BY: M. HO	DATE: 04/01/03	DRAWING NO.: MDSL 0087-01	REV. 5

**TYPICAL MOTOR PERFORMANCE DATA**

Model: 9003WTAL11F-C

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
900	671	2	3580	5812USS	4000	60	3	112
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
WP-II	24	F	1.15	CONT	95.4	-		40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	900.00	671.1	111	95.4	90.9
¾ Load	675.00	503.3	85	95.0	89.1
½ Load	450.00	335.6	61	94.0	83.8
¼ Load	225.00	167.8	40	90.3	65.8
No Load			23.0		10.0
Locked Rotor			630		19.6

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)	
1320	100	105	235	161.71

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
33	15		6315C3	6315C3 INS	0

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

**Motor Options:**  
Product Family:WP-II  
Mounting:Footed,Shaft:USS Shaft

Customer	
Customer PO	
Sales Order	
Project #	

Tag:

All characteristics are average expected values.

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

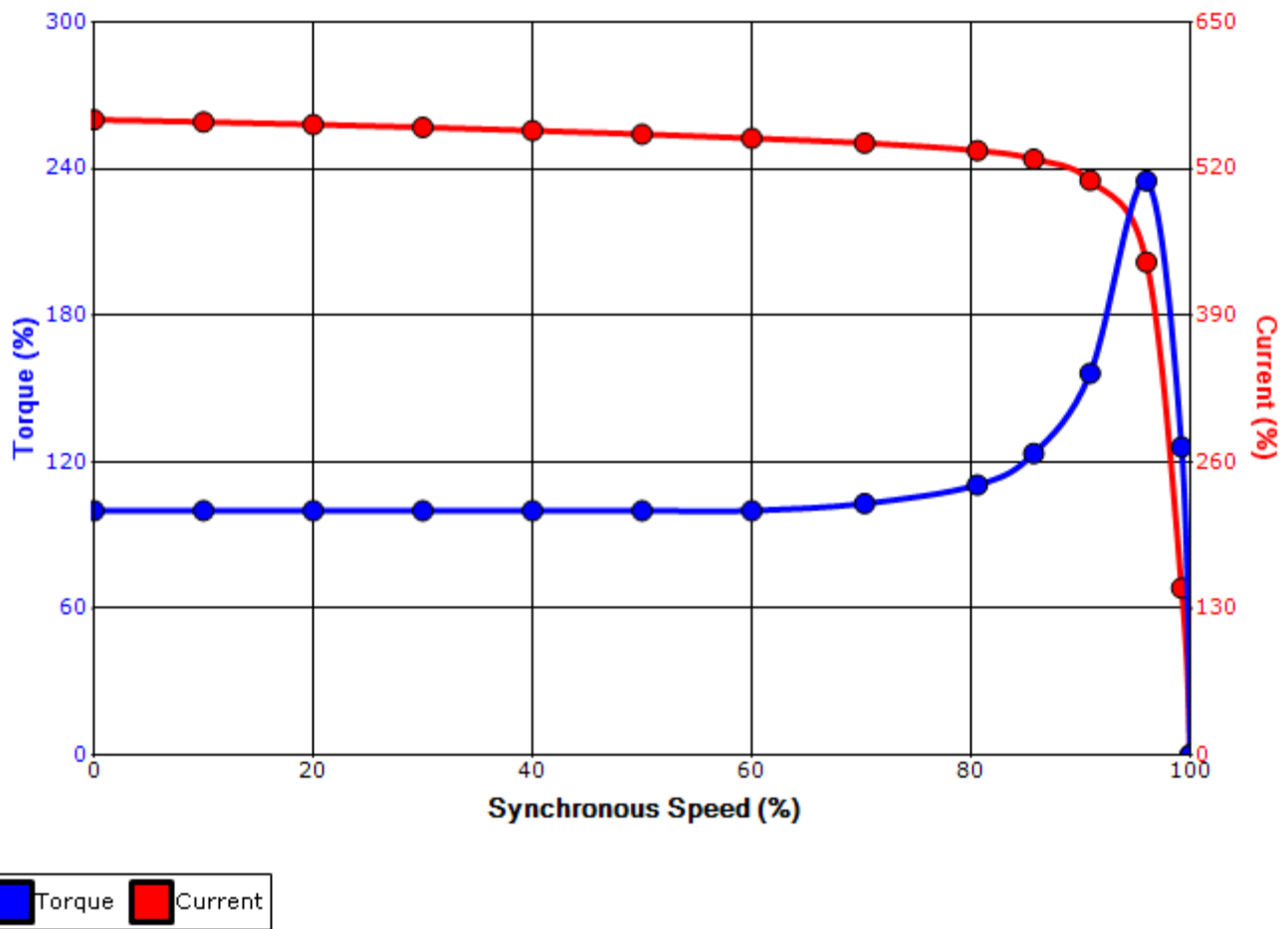
Engineering	zxie	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	10/20/2020	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

**SPEED TORQUE/CURRENT CURVE**

Model: 9003WTAL11F-C

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
900	671	2	3580	5812USS	4000	60	3	112
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
WP-II	24	F	1.15	CONT	95.4	-		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 (%)				
630	161.71	1320	100	105			235	

**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.