

TECHNICAL INFORMATION

1. BEARING LUBRICATION DE: MOBIL POLYREX EM OR EQUIVALENT
ODE: MOBIL POLYREX EM OR EQUIVALENT
2. BEARING TYPE DE: 6328 INS
ODE: 6328 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: 800
6. ROTATION: CCW VIEWED FROM NON DRIVE END
THIS MOTOR IS UNI DIRECTIONAL
7. MOTOR PAINT COLOR: GRAY
8. APPROX. WEIGHT: 14,000 Lbs
9. ACCESORIES:

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

DRAWING LIST

MAIN TERMINAL BOX	
130P-7550-68	
AUX TERMINAL BOX FOR	
SPACE HEATER	130-7520-50
R.T.D.	130-7522-51
THERMISTOR	N/A
PRODUCTION #	N/A

0	FIRST ISSUE	RC	06/27/14
NO.	REVISION	BY	DATE

**MOTOR OUTLINE FOR
THREE PHASE INDUCTION MOTOR**

CUSTOMER NAME				P.O. NO.		MOTOR TAG NO.	
OUTPUT HP	POLE 8	VOLTAGE V	FREQUENCY Hz	FULL LOAD SPEED (min ⁻¹)	TOSHIBA MODEL NO.		
TYPE	FORM	INS. CLASS F	RATING CONT.	FRAME 6810US	S.F.	ENCLOSURE WP-I	
TOSHIBA INTERNATIONAL CORPORATION HOUSTON, TEXAS U.S.A.							
3rd ANGLE PROJ.	PREPARED BY: R. CANTU	DATE: 06/27/14	CHECKED BY:	DATE:	DRAWING NO.:	MDSL0086-64	REV. 0

UNITS: INCHES

TYPICAL MOTOR PERFORMANCE DATA

Model: 8008WPAL11E-C

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
800	597	8	889	6812US	4000	60	3	108
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
WP-I	23	F	1.15	CONT	94.9	-	G	40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	800	596.6	107.6	94.9	84.3
¾ Load	600.00	447.4	83.3	94.5	82.1
½ Load	400.00	298.3	61.3	93.3	75.3
¼ Load	200.00	149.1	43.6	89.4	55.2
No Load			33.9		4.2
Locked Rotor			683.30		15.5

Torque				Rotor wk ² Inertia (lb-ft ²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
4726	65	75	225	1727.76

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
75.2	50.4	-	6328C3 INS	6328C3 INS	

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

Motor Options:
Mounting:Footed,Shaft:US Shaft

Customer	
Customer PO	
Sales Order	
Project #	

Tag:

All characteristics are average expected values.

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Engineering	bmmamen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	7/10/2014	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

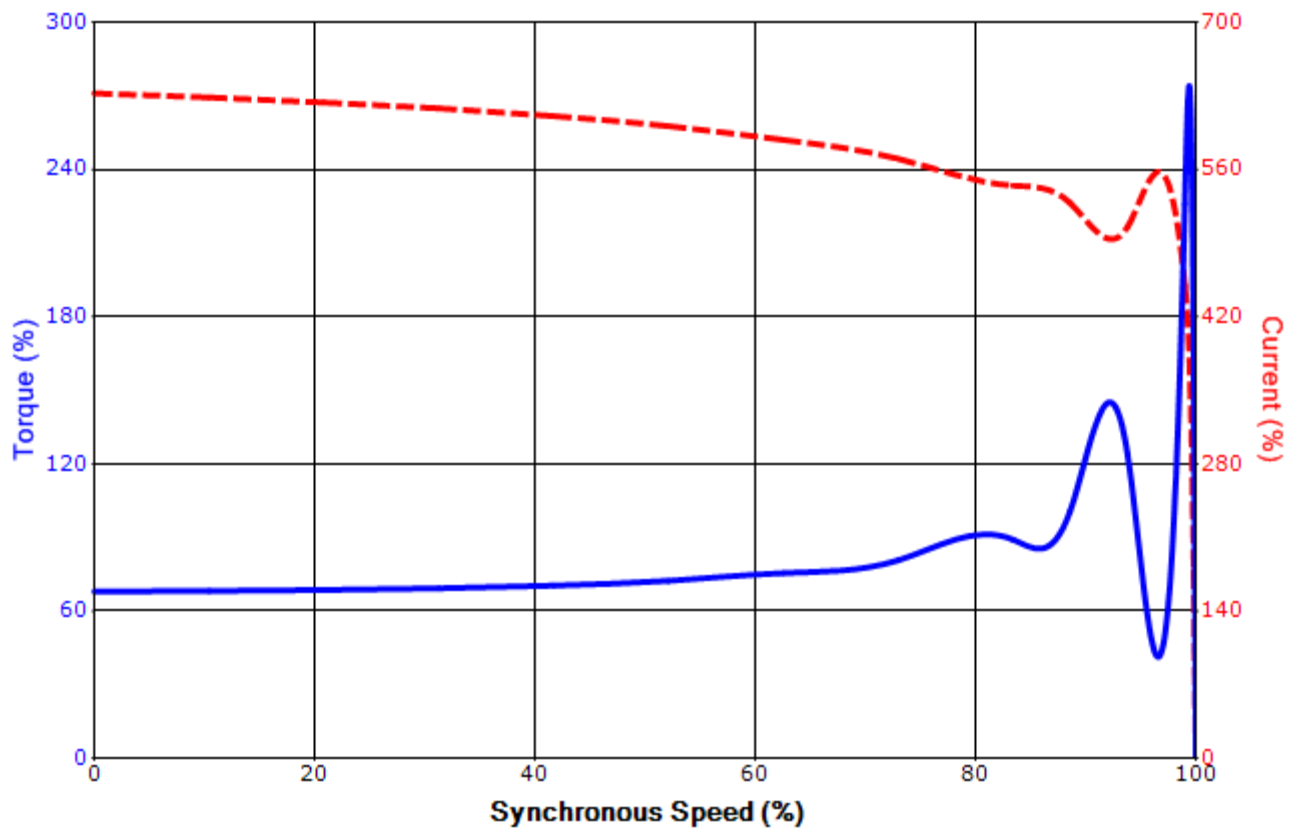
Issued Date	4/23/2015	Transmit #	
Issued By	dschoeck	Issued Rev	

SPEED TORQUE/CURRENT CURVE

Model: 8008WPAL11E-C

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
800	597	8	889	6812US	4000	60	3	108
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
WP-I	23	F	1.15	CONT	94.9	-	G	40 C
Locked Rotor Amps	Rotor wk ² Inertia (lb-ft ²)	Torque						Break Down (%)
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)				
683.30	1727.76	4726	65	75			225	

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.

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Engineering	bmammen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121 / 0
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