

TECHNICAL INFORMATION

1. BEARING LUBRICATION DE: MOBIL POLYREX EM
ODE: MOBIL POLYREX EM
2. BEARING TYPE DE: 6326C3
ODE: 6326C3 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 BI DIRECTIONAL
7. MOTOR PAINT COLOR: _____
8. APPROX. WEIGHT: 9100 Lbs
9. ACCESORIES: _____

DRAWING LIST

MAIN TERMINAL BOX 130-7532-02		3	GRS FROM SRI JACKING TO INLINE	RWS	1/3/14
		2	UPDATE	MH	8/15/05
AUX TERMINAL BOX FOR					
SPACE HEATER	130-7520-50	1	UPDATE	RW	4/16/03
R.T.D.	130-7522-51				
THERMISTOR	N/A				
		0	FIRST ISSUE	RW	3/25/03
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	RATING	FRAME	S.F.
		F	CONT.	5811/12	ENCLOSURE
TOSHIBA INTERNATIONAL CORPORATION HOUSTON, TEXAS U.S.A.					
3rd ANGLE PROJ.	PREPARED BY:	DATE:	CHECKED BY:	DATE:	DRAWING NO.:
	R WILKINS	03/25/03	M. HO	04/01/03	MDSL 0077-03
					REV.
					3

TYPICAL MOTOR PERFORMANCE DATA

Model: 6006TCAL11E-A

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
600	447	6	1190	5812US	4000	60	3	83
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEAAC	44	F	1.15	CONT	95.8	-		40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	600.00	447.4	83	96.0	80.8
¾ Load	450.00	335.6	66	95.4	76.9
½ Load	300.00	223.7	51	94.0	67.5
¼ Load	150.00	111.9	34	89.4	52.3
No Load			32.0		
Locked Rotor			533		26.1

Torque				Rotor wk ² Inertia (lb-ft ²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
2648	180	155	285	441.05

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
16	9	-	6326C3	6326C3 INS	0

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

Motor Options:
Product Family:TEAAC
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.

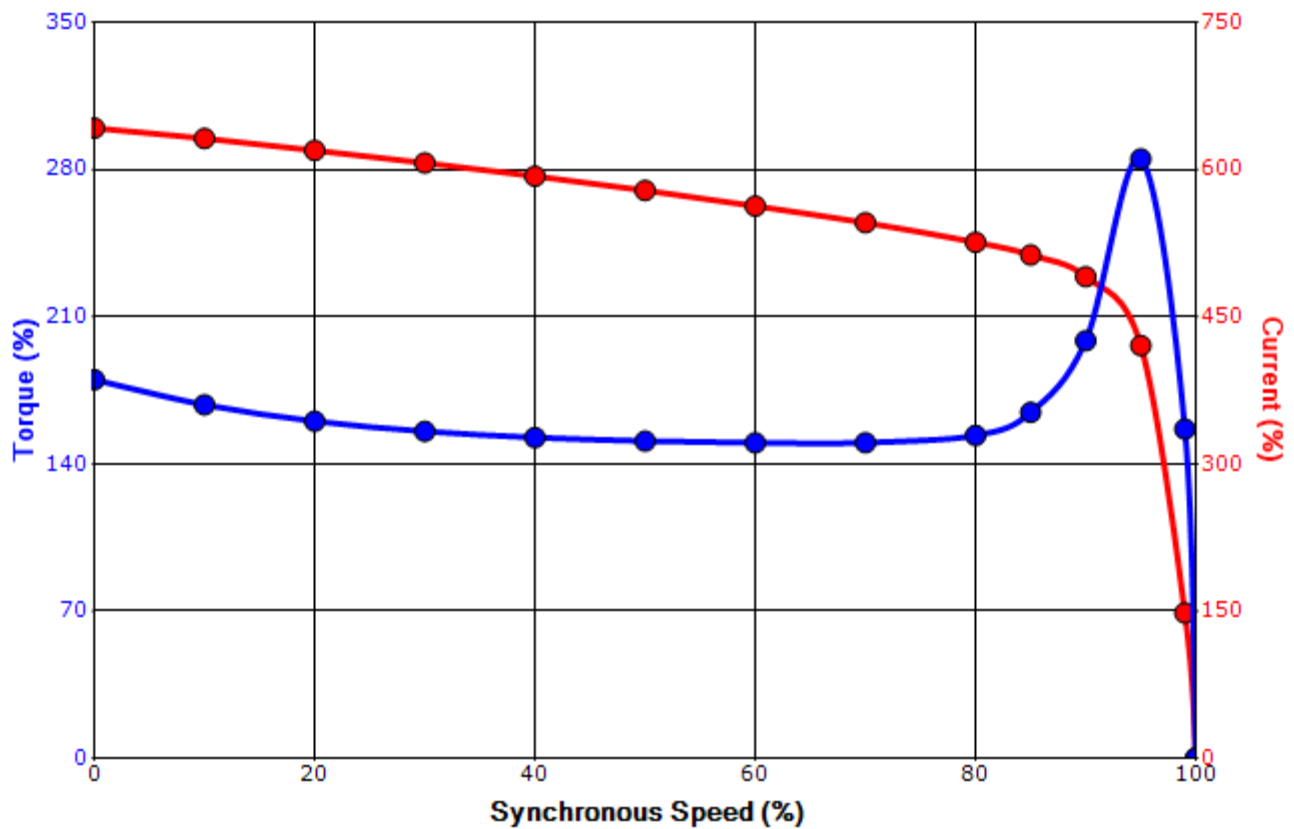
Engineering	jhock	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	12/9/2013	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

SPEED TORQUE/CURRENT CURVE

Model: 6006TCAL11E-A

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
600	447	6	1190	5812US	4000	60	3	83
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEAAC	44	F	1.15	CONT	95.8	-		40 C
Locked Rotor Amps	Rotor wk ² Inertia (lb-ft ²)	Torque						
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)			
533	441.05	2648	180	155	285			

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	jhock	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121 / 0
Engr. Date	12/9/2013	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.