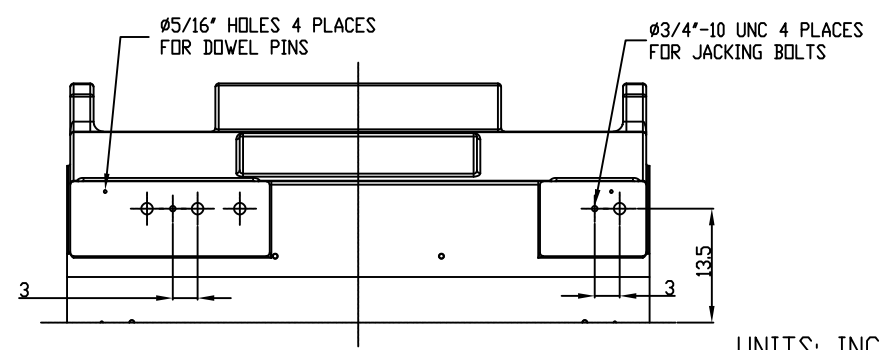
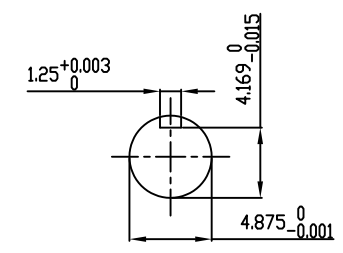


TECHNICAL INFORMATION

- 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: 14,200 Lbs
- 9. ACCESORIES:

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

TOSHIBA INTERNATIONAL CORPORATION
RESERVES THE RIGHT TO MAKE TECHNICAL
IMPROVEMENT AND DATA CHANGES WITHOUT NOTICE



UNITS: INCHES

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

0	FIRST ISSUE	ME	7/1/15
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 F	RATING CONT.	FRAME 6810US	S.F.	ENCLOSURE TEAAC
TOSHIBA INTERNATIONAL CORPORATION HOUSTON, TEXAS U.S.A.						
3rd ANGLE PROJ.	PREPARED BY: M.Easterbrook	DATE: 7/1/15	CHECKED BY: S.Johnson	DATE: 7/15/15	DRAWING NO.: MDSL0077-63	REV. 0

TYPICAL MOTOR PERFORMANCE DATA

Model: 9007TCAL11E-C

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
900	671	6	1190	6810US	4000	60	3	113
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEAAC	54	F	1.15	CONT	95.0	-		40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	900.00	671.1	113	95.1	89.8
¾ Load	675.00	503.3	86	94.7	88.3
½ Load	450.00	335.6	62	93.3	83.3
¼ Load	225.00	167.8	41	88.8	66.3
No Load			24.4		
Locked Rotor			626		16.6

Torque				Rotor wk ² Inertia (lb-ft ²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
3972	75	80	230	1165.94

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
35	15		6328C3 INS	6328C3 INS	

*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	bmammen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	3/18/2021	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

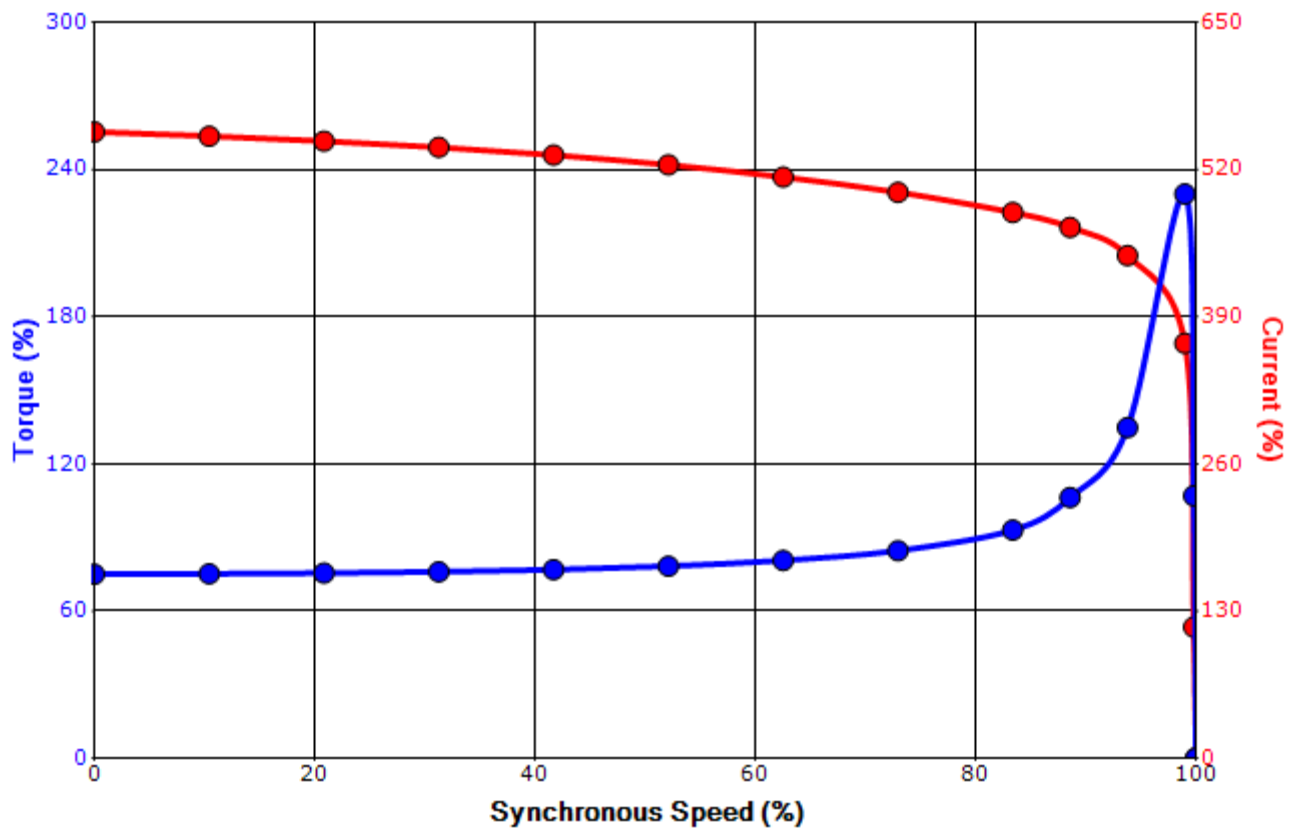
Issued Date	9/26/2022	Transmit #	
Issued By	dschoeck	Issued Rev	

SPEED TORQUE/CURRENT CURVE

Model: 9007TCAL11E-C

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
900	671	6	1190	6810US	4000	60	3	113
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEAAC	54	F	1.15	CONT	95.0	-		40 C
Locked Rotor Amps	Rotor wk ² Inertia (lb-ft ²)	Torque						
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)			
626	1165.94	3972	75	80	230			

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	bmammen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121 / 0
Engr. Date	3/18/2021	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.