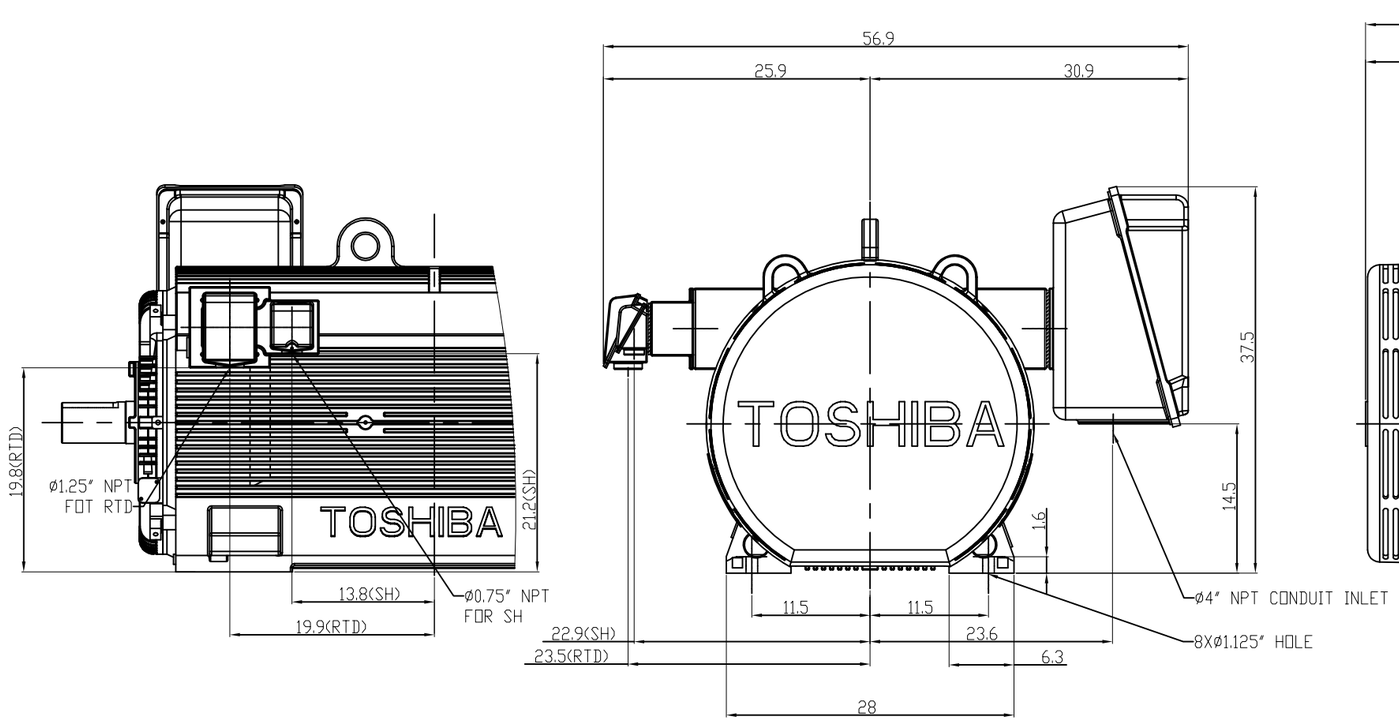
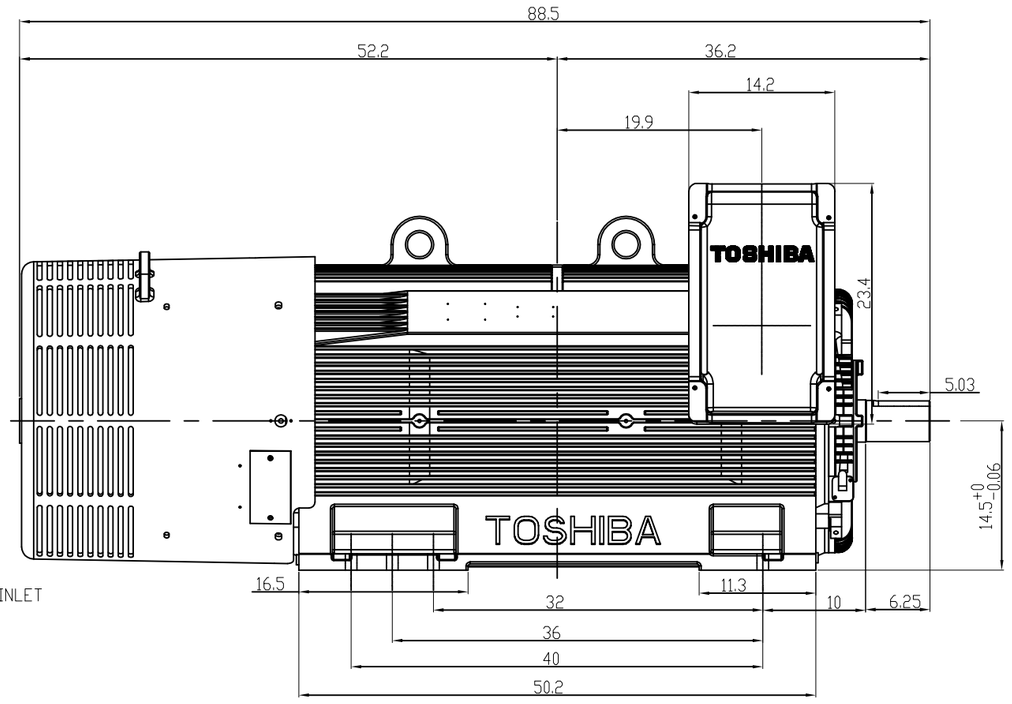
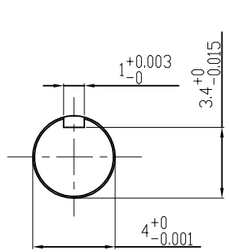
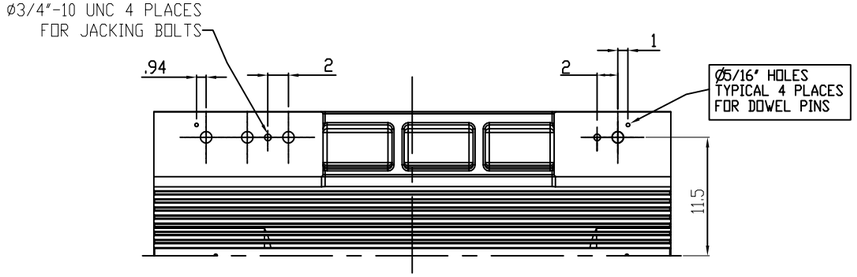








UNITS:INCHES

TECHNICAL INFORMATION

1. BEARING LUBRICATION — DE: MOBIL POLYREX EM; ODE: MOBIL POLYREX EM
2. BEARING TYPE — DE: 6322C3; ODE: 6322C3 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: 200
6. ROTATION: CCW VIEWED FROM NON DRIVE END
   THIS MOTOR IS BI DIRECTIONAL
7. MOTOR PAINT COLOR: GRAY
8. APPROX. WEIGHT: 7000 Lbs
9. ACCESORIES:

DRAWING LIST

MAIN TERMINAL BOX
130–7622–55

AUX TERMINAL BOX FOR	
SPACE HEATER	130–7520–50
R.T.D.	130–7522–51
THERMISTOR	N/A
PRODUCTION #	N/A

NO.	REVISION	BY	DATE
3	GRS FROM SRI, ADD DOWELS JACKING TO INLINE	RWS	1/6/14
2	ADD CI FANCOVER	BCS	4/24/07
1	ADD SH & RTD AUX BOX	BCS	9/13/06
0	FIRST ISSUE	BCS	8/2/06

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** 5811US	**S.F.**	**ENCLOSURE** TEFC

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

3rd ANGLE PROJ.	PREPARED BY:	DATE:	CHECKED BY:	DATE:	DRAWING NO.:	REV.
	B SIDLE	8/2/06	D.LAJINESS	8/4/06	MDSL0071–18	3

Issued Date	8/18/2016	Transmit #	
Issued By	dschoeck	Issued Rev	

TOSHIBA
Leading Innovation >>>

TYPICAL MOTOR PERFORMANCE DATA

Model: 3508FTAL11E-A

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
350	261	8	890	5811US	4000	60	3	53

Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	44	F	1.15	CONT	94.1	-	G	40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	350	261.0	52.4	94.2	76.3
¾ Load	262.50	195.7	41.4	93.6	72.8
½ Load	175.00	130.5	31.9	91.9	64.2
¼ Load	87.50	65.2	24.8	86.5	43.9
No Load			21.0		3.5
Locked Rotor			293.00		24.8

Torque				Rotor wk² Inertia
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(lb-ft²)
2063	145	105	210	417.97

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight
Cold	Hot		DE	NDE	(lbs)
28.8	14.3	-	6322C3	6322C3 INS	

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

Motor Options:
Product Family:TEFC
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	7/8/2014	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

Issued Date	8/18/2016	Transmit #	
Issued By	dschoeck	Issued Rev	

TOSHIBA
Leading Innovation >>>

SPEED TORQUE/CURRENT CURVE

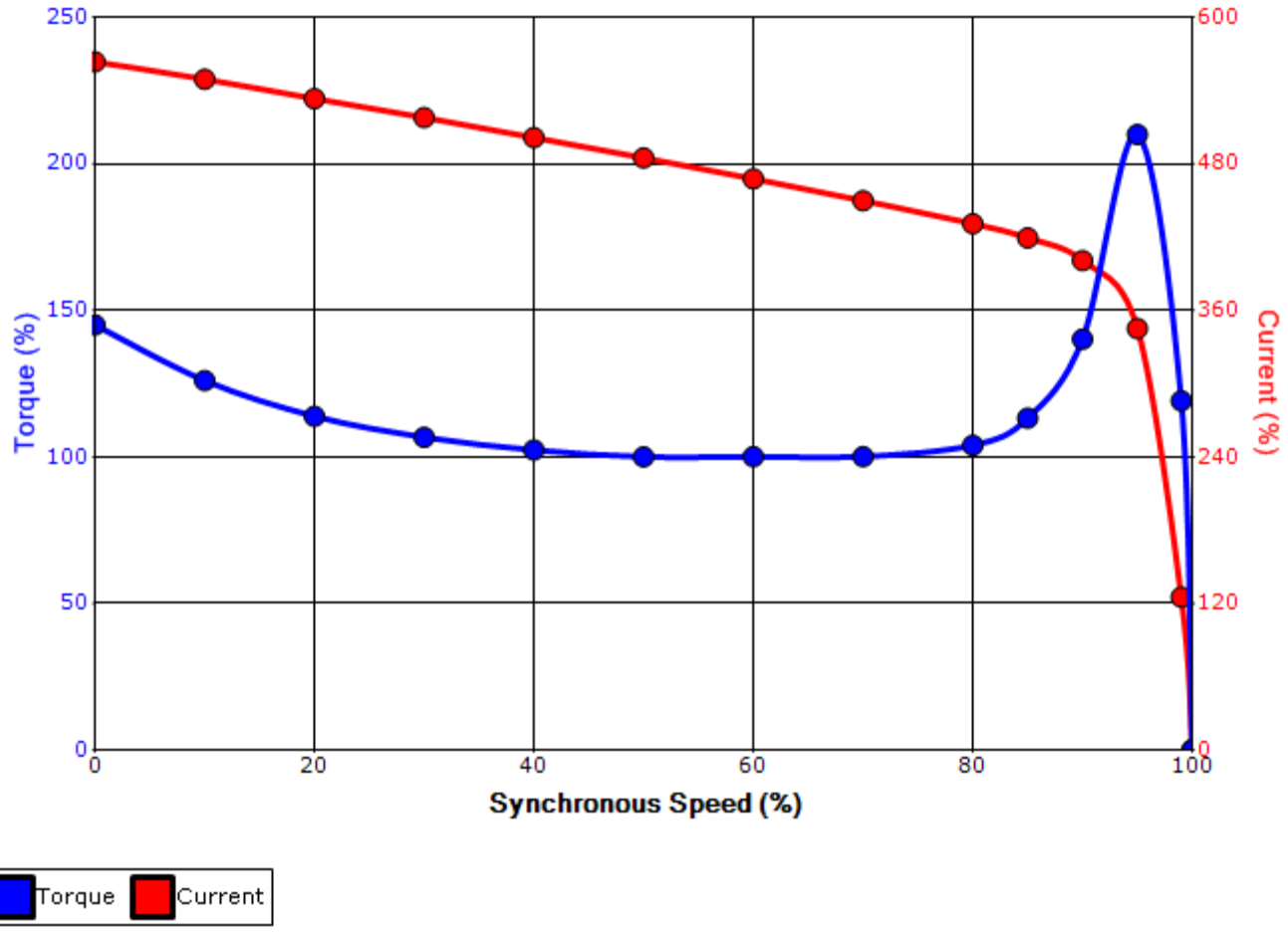
Model: 3508FTAL11E-A

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
350	261	8	890	5811US	4000	60	3	53

Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	44	F	1.15	CONT	94.1	-	G	40 C

Locked Rotor Amps	Rotor wk² Inertia (lb-ft²)	Torque			
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)
293.00	417.97	2063	145	105	210

Design Values



Customer				wk² Load Inertia (lb-ft²)	-
Customer PO				Load Type	-
Sales Order				Voltage (%)	100
Project #				Accel. Time	-

Tag:

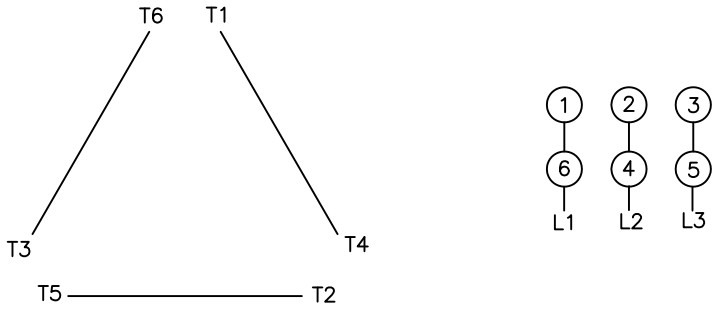
All characteristics are average expected values.

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

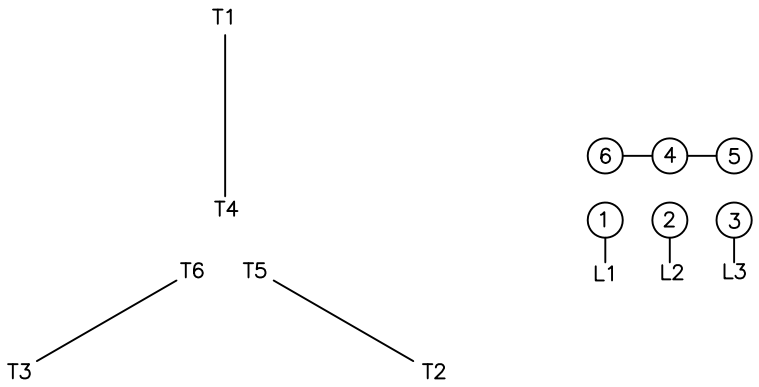
Engineering	bmammen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121 / 0
Engr. Date	7/8/2014	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

Motor Connection Diagrams
6 Leads

Across the Line Starting / Run - Delta:



Alternate Starting Connection - Wye:



Switch L1 and L2 to reverse rotation