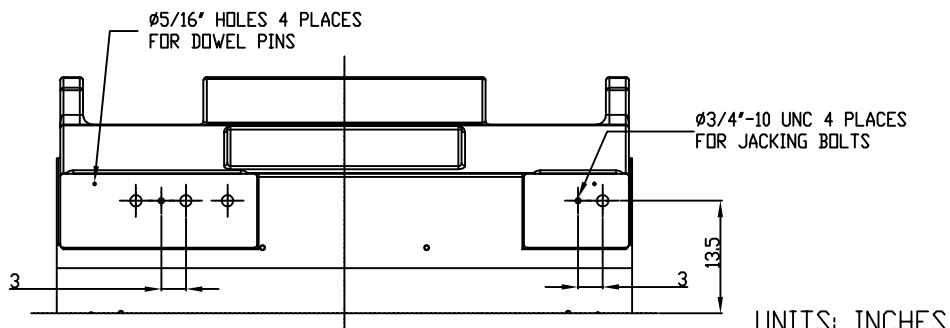
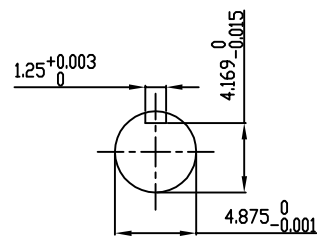


TECHNICAL INFORMATION

1. BEARING LUBRICATION DE: TURBINE OIL ISO VG32
ODE: TURBINE OIL ISO VG32
2. BEARING TYPE DE: M11-125 INS
ODE: M11-125 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**



UNITS: INCHES

DRAWING LIST				MOTOR OUTLINE FOR THREE PHASE INDUCTION MOTOR								
MAIN TERMINAL BOX 130P-7550-68				CUSTOMER NAME		P.O. NO.		MOTOR TAG NO.				
AUX TERMINAL BOX FOR				OUTPUT	POLE	VOLTAGE	FREQUENCY	FULL LOAD SPEED	TOSHIBA MODEL NO.			
SPACE HEATER	139-0052-01			HP	4	V	Hz	(min ⁻¹)				
R.T.D.	139-0052-04	2	JACKING TO INLINE	TYPE	FORM	INS. CLASS	RATING	FRAME	S.F.			
THERMISTOR	N/A	1	UPDATE INLET WINDOW SIZE & MAIN T-BOX P. No., CHG. SPACE HEATER WATTS FROM 400	F	CONT.	6810US	WP-II					
PRODUCTION #		N/A		0	TOSHIBA INTERNATIONAL CORPORATION HOUSTON, TEXAS U.S.A.							
		NO.	REVISION	BY	DATE	3rd ANGLE PROJ.	PREPARED BY:	DATE:	CHECKED BY:	DATE:	DRAWING NO.:	REV.
						B SIDLE	11/10/10	J.PINON	11/10/10	MDSL0087-66	2	

TYPICAL MOTOR PERFORMANCE DATA

Model: M355WTQL11E-C

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
1750	1306	4	1781	6810US	4000	60	3	219
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
WP-II	24	F	1.15	CONT	96.1	-	F	40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	1750	1305.0	218.7	96.1	89.6
¾ Load	1312.50	978.7	166.0	96.0	88.7
½ Load	875.00	652.5	117.4	95.2	84.2
¼ Load	437.50	326.2	75.8	92.3	67.3
No Load			45.0		4.7
Locked Rotor			1393.90		16.3

Torque				Rotor wk ² Inertia (lb-ft ²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
5161	75	80	240	855.86

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
35	15	-	M11-125 INS	M11-125 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.

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

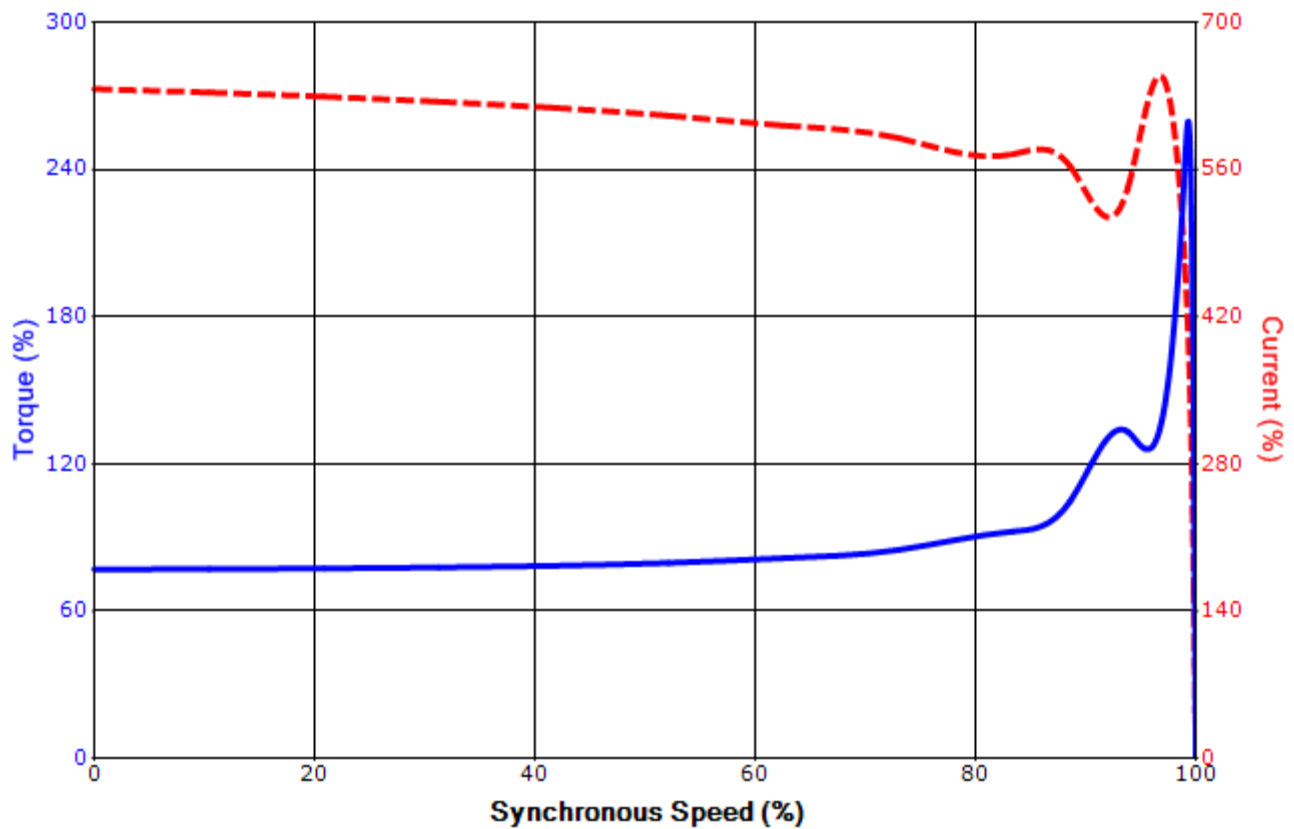
Engineering	bmmammen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	7/10/2014	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

SPEED TORQUE/CURRENT CURVE

Model: M355WTQL11E-C

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
1750	1306	4	1781	6810US	4000	60	3	219
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
WP-II	24	F	1.15	CONT	96.1	-	F	40 C
Locked Rotor Amps	Rotor wk ² Inertia (lb-ft ²)	Torque						Break Down (%)
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)				
1393.90	855.86	5161	75	80			240	

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	7/10/2014	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011