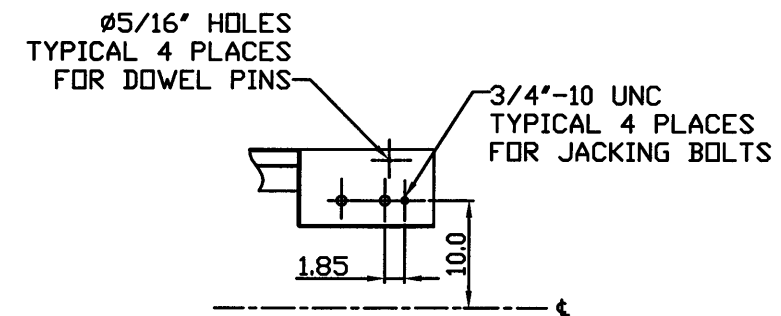


**TECHNICAL INFORMATION**

1. BEARING LUBRICATION DE: TURBINE OIL ISO VG32  
ODE: TURBINE OIL ISO VG32
2. BEARING TYPE DE: M9-90-INS  
ODE: M9-90-INS
3. WINDING TEMP. DETECTORS  
NUMBER AND TYPE: 6xRTD(PtO°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 UNI DIRECTIONAL
7. MOTOR PAINT COLOR: \_\_\_\_\_
8. APPROX. WEIGHT: 5100 Lbs
9. ACCESORIES: \_\_\_\_\_

DRAWING LIST					
MAIN TERMINAL BOX					
AUX TERMINAL BOX FOR					
SPACE HEATER					
R.T.D.					
THERMISTOR					
	0	FIRST ISSUE	TZ	3/8/05	
PRODUCTION #	NO.	REVISION	BY	DATE	



**MOTOR OUTLINE FOR  
THREE PHASE INDUCTION MOTOR**

CUSTOMER NAME				P.O. NO.	MOTOR TAG NO.	
OUTPUT HP	POLE	VOLTAGE	FREQUENCY	FULL LOAD SPEED	TOSHIBA MODEL NO.	
TYPE	FORM	INS. CLASS	RATING	(min <sup>-1</sup> )	S.F.	ENCLOSURE
		F	CONT.	5011/12	1.15	WP-II
TOSHIBA INTERNATIONAL CORPORATION HOUSTON, TEXAS U.S.A.						
3rd ANGLE PROJ.	PREPARED BY:	DATE:	CHECKED BY:	DATE:	DRAWING NO.:	REV.
	T. ZIEBRO	3/8/05	<i>Yntlo</i>	<i>Yntlo</i>	MDSL0087-07	0

**TYPICAL MOTOR PERFORMANCE DATA**

Model: 6003WTQK11F-C

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
600	447	2	3575	5012USS	4000	60	3	79
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
WP-II	24	F	1.15	CONT	94.3	-	E	40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	600	447.4	78.5	94.3	87.3
¾ Load	450.00	335.6	60.8	93.9	84.7
½ Load	300.00	223.7	44.5	92.9	78.0
¼ Load	150.00	111.9	27.4	89.4	65.9
No Load			18.8		8.8
Locked Rotor			427.20		18.8

Torque				Rotor wk <sup>2</sup>
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	Inertia (lb-ft <sup>2</sup> )
881	85	90	255	103.60

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
26.4	19.4	-	M9-90 INS	M9-90 INS	

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

**Motor Options:**  
Product Family:WP-II  
Mounting:Footed,Shaft:USS Shaft

Customer	
Customer PO	
Sales Order	
Project #	

Tag:

All characteristics are average expected values.

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

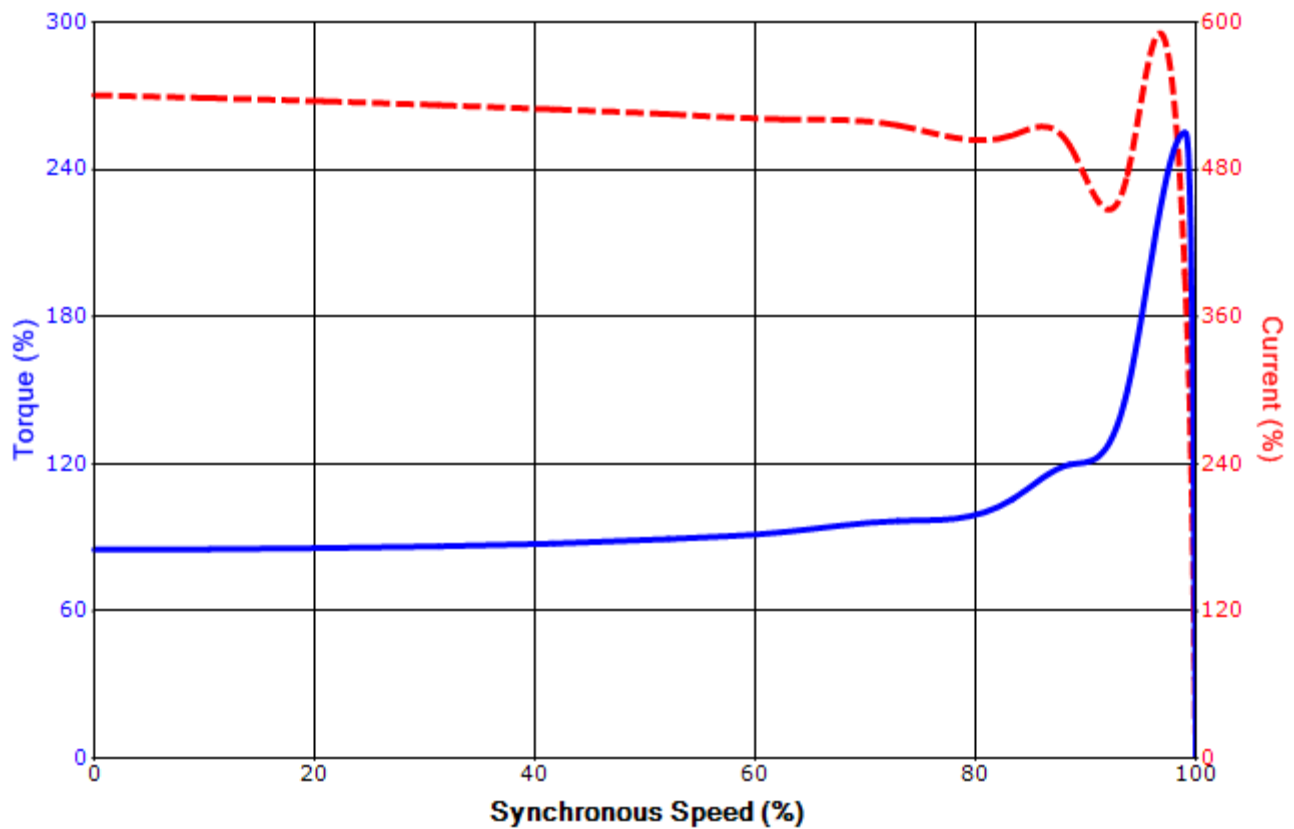
Engineering	bmammen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	7/10/2014	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

**SPEED TORQUE/CURRENT CURVE**

Model: 6003WTQK11F-C

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
600	447	2	3575	5012USS	4000	60	3	79
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
WP-II	24	F	1.15	CONT	94.3	-	E	40 C
Locked Rotor Amps	Rotor wk <sup>2</sup> Inertia (lb-ft <sup>2</sup> )	Torque						Break Down (%)
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)				
427.20	103.60	881	85	90			255	

**Design Values**



Customer		wk <sup>2</sup> Load Inertia (lb-ft <sup>2</sup> )	-
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