

TECHNICAL INFORMATION

1. BEARING LUBRICATION DE: TURBINE OIL ISO VG32
ODE: TURBINE OIL ISO VG32
2. BEARING TYPE DE: RENK M11-110-INS.
ODE: RENK M11-110-INS.
3. WINDING TEMP. DETECTORS
NUMBER AND TYPE: 6xRTD(Pt10°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: 7300 Lbs
9. ACCESORIES: _____

DRAWING LIST

MAIN TERMINAL BOX 130-7532-02		3	CHANGE AUX BOX DIM FROM 14.6 CHANGE JACKING BOLTS FROM 4	HL	3/16/20
AUX TERMINAL BOX FOR		2	FROM 5811/5812 MOUNTING	TA	4/11/19
SPACE HEATER	130-7520-50	1	JACKING TO INLINE	RWS	1/2/14
R.T.D.	130-7522-51				
THERMISTOR	N/A	0	FIRST ISSUE	MH	8/15/05
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.	5810/11/12	ENCLOSURE
TOSHIBA INTERNATIONAL CORPORATION HOUSTON, TEXAS U.S.A.					
3rd ANGLE PROJ.	PREPARED BY:	DATE:	CHECKED BY:	DATE:	DRAWING NO.:
	M.HO	8/15/04			MDSL 0087-12
					REV. 3

TYPICAL MOTOR PERFORMANCE DATA

Model: 9005WTQL11E-A

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
900	671	4	1775	5812US	4000	60	3	113
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
WP-II	24	F	1.15	CONT	96.2	-		40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	900.00	671.1	113	96.4	88.9
¾ Load	675.00	503.3	87	96.4	86.5
½ Load	450.00	335.6	63	96.0	79.7
¼ Load	225.00	167.8	38	93.9	67.0
No Load			32.2		4.4
Locked Rotor			677		20.6

Torque				Rotor wk ² Inertia (lb-ft ²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
2663	120	105	230	247.37

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
8	2		M11-110 INS	M11-110 INS	8000

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

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

Customer	
Customer PO	
Sales Order	
Project #	

Tag:

All characteristics are average expected values.

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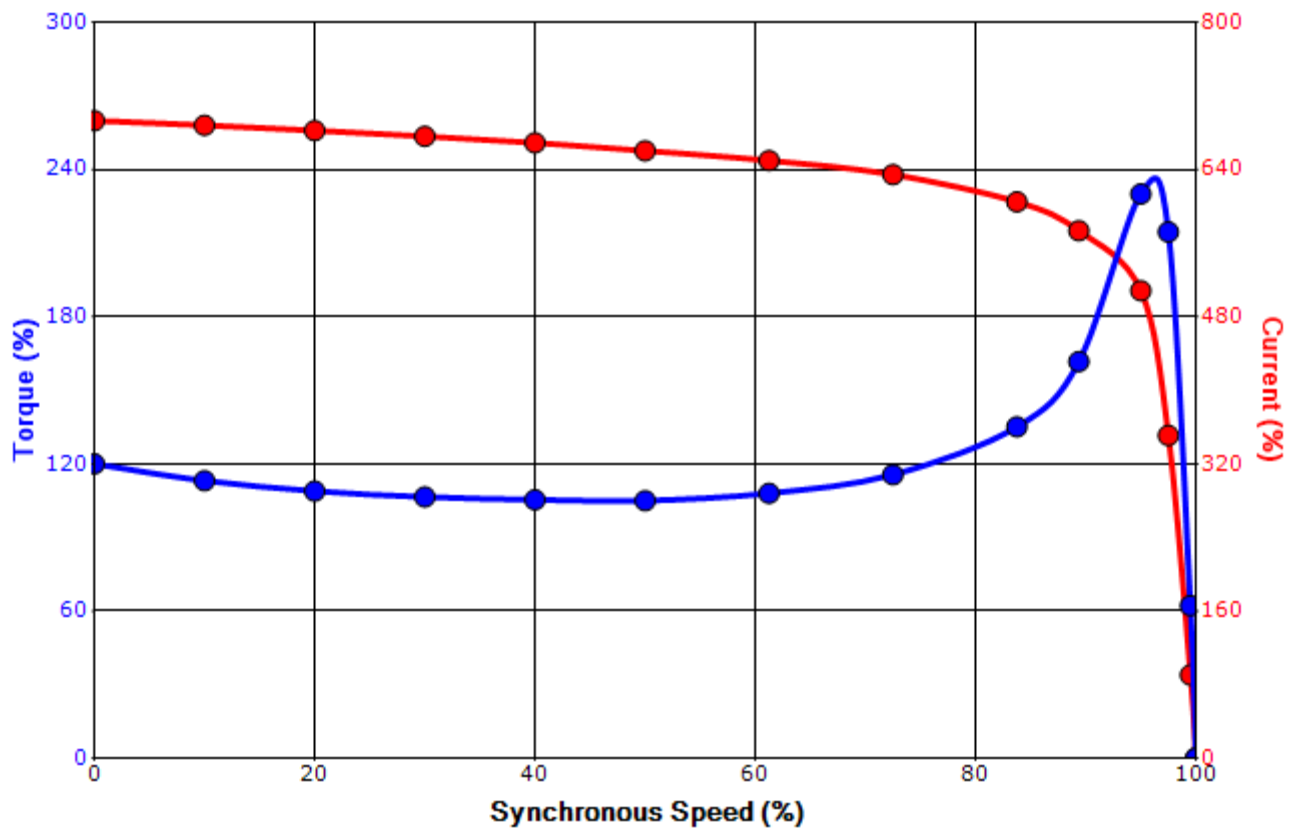
Engineering	bmmammen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	7/14/2014	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

SPEED TORQUE/CURRENT CURVE

Model: 9005WTQL11E-A

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
900	671	4	1775	5812US	4000	60	3	113
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
WP-II	24	F	1.15	CONT	96.2	-		40 C
Locked Rotor Amps	Rotor wk ² Inertia (lb-ft ²)	Torque						Break Down (%)
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)				
677	247.37	2663	120	105			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.

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Engineering	bmammen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121 / 0
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