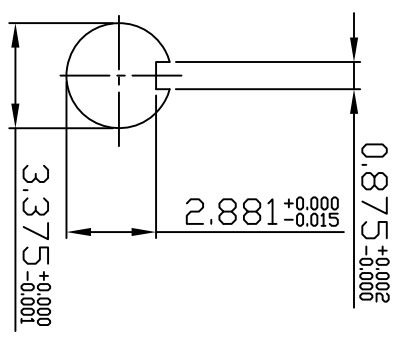
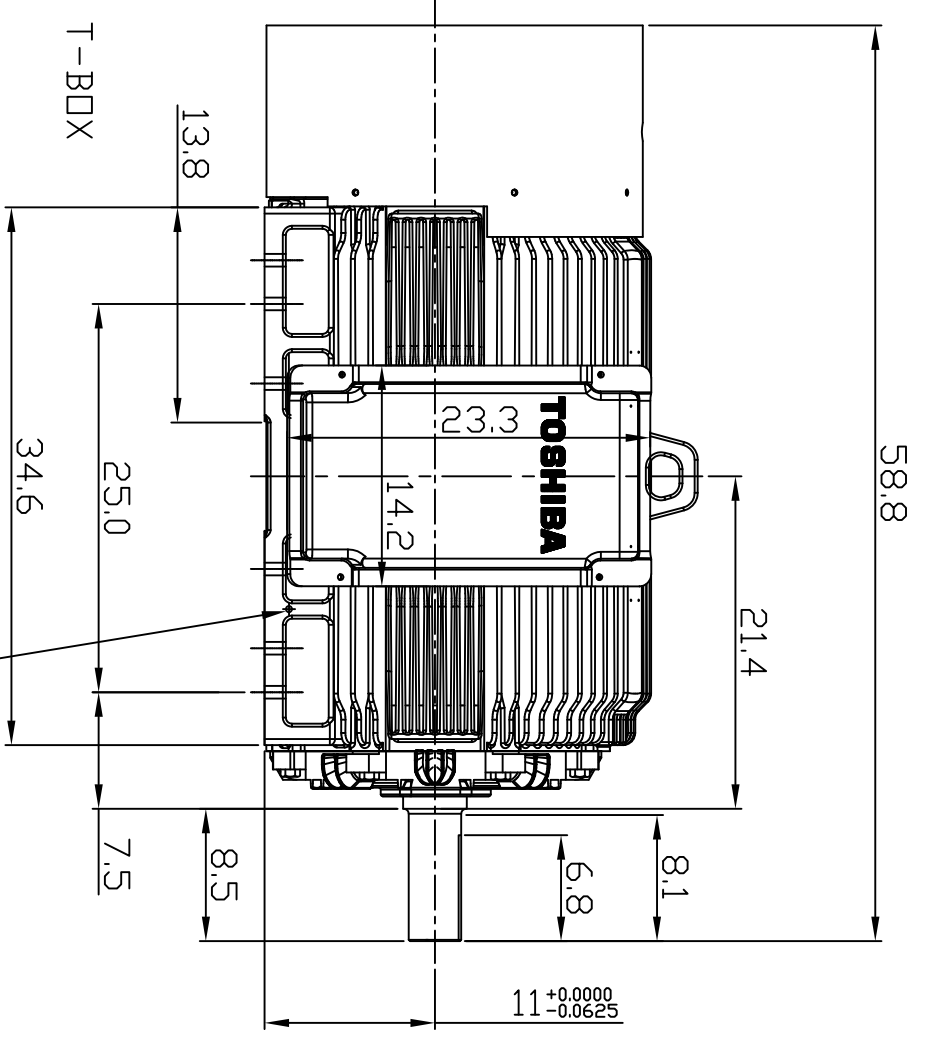
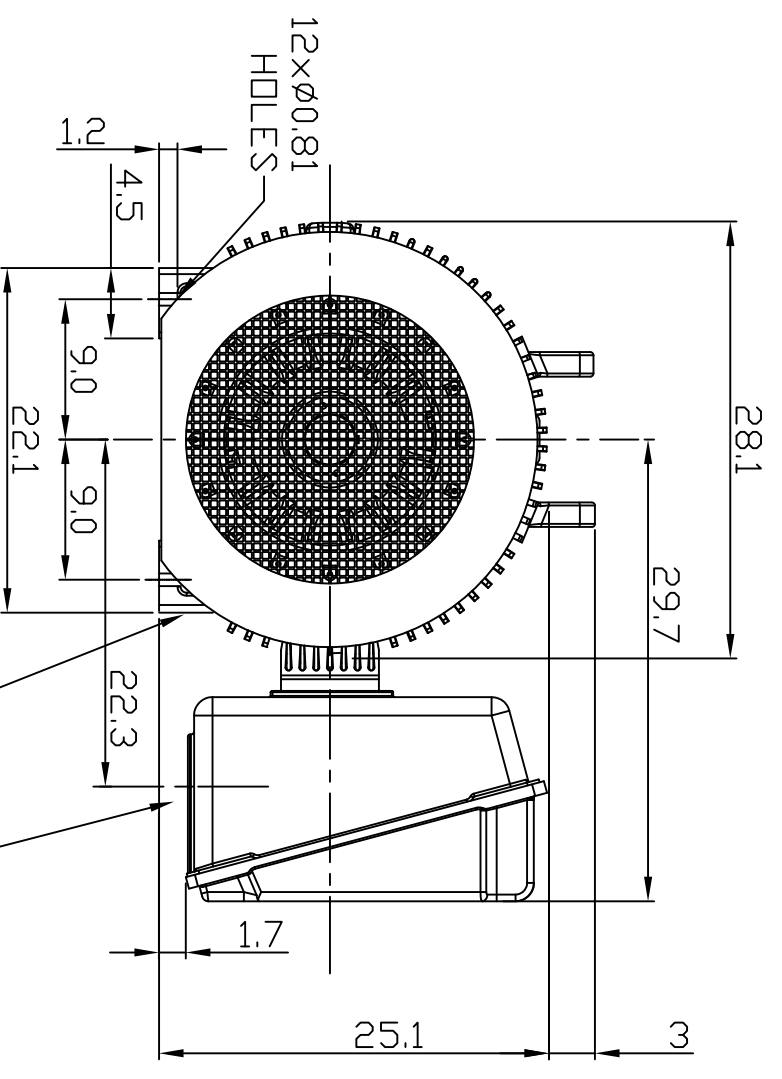


ROTATION
SEE NOTE 6



TECHNICAL INFORMATION

1. BEARING LUBRICATION DE: CHEVRON SRI
ODE: CHEVRON SRI
2. BEARING TYPE DE: NU322C3
ODE: 6318C3
3. WINDING TEMP. DETECTORS
NUMBER AND TYPE: N/A
LOCATION: N/A
4. BEARING TEMP. DETECTORS
NUMBER AND TYPE: N/A
5. SPACE HEATER N/A PHASE
VOLTS: - WATTS: -
6. ROTATION: CCW VIEWED FROM NON DRIVE END
THIS MOTOR IS BI DIRECTIONAL
7. MOTOR PAINT COLOR: GRAY
8. APPROX. WEIGHT: 3800 Lbs
9. ACCESSORIES:

GROUND TERMINAL

GROUND TERMINAL

DRAWING LIST

MAIN TERMINAL BOX 130-7622-55	
AUX TERMINAL BOX FOR	
SPACE HEATER	-
R.T.D.	-
THERMISTOR	-
PRODUCTION #	-
UNITS:	INCHES

MOTOR OUTLINE FOR THREE PHASE INDUCTION MOTOR

NO.	REVISION	BY	DATE

CUSTOMER NAME		P.O. NO.		MOTOR TAG NO.	
OUTPUT		VOLTAGE		FULL LOAD SPEED	
HP	POLE	4/6	2.3/4k V	(min-1)	TOSHIBA MODEL NO.
TIKK	TYPE	FORM	INS. CLASS	RATING	FRAME
		FBKW1	F	CONT.	N449T
S.F.		ENCLOSURE		TEFC	

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3rd ANGLE PROJ.	PREPARED BY:	DATE:	CHECKED BY:	DATE:	DRAWING NO.:	REV.
	T. Ziebro	2/26/04			MDSL0071-13	0

TYPICAL MOTOR PERFORMANCE DATA

Model: 3004FCAK11A-A

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
300	224	4	1790	N449T	4000	60	3	42
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	54	F	1.15	CONT	95.8	A	G	40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	300	223.7	41.2	95.8	81.7
¾ Load	225.00	167.8	32.9	94.9	77.5
½ Load	150.00	111.9	25.5	92.7	68.1
¼ Load	75.00	55.9	20.0	86.2	46.8
No Load			16.2		4.4
Locked Rotor			256.00		32.8

Torque				Rotor wk² Inertia (lb-ft²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
881	225	115	255	149.34

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
26.2	11.5	-	NU322C3	6318C3	

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

Motor Options:
Product Family:TEFC
Mounting:Footed,Shaft:T Shaft

Customer	
Customer PO	
Sales Order	
Project #	

Tag:

All characteristics are average expected values.

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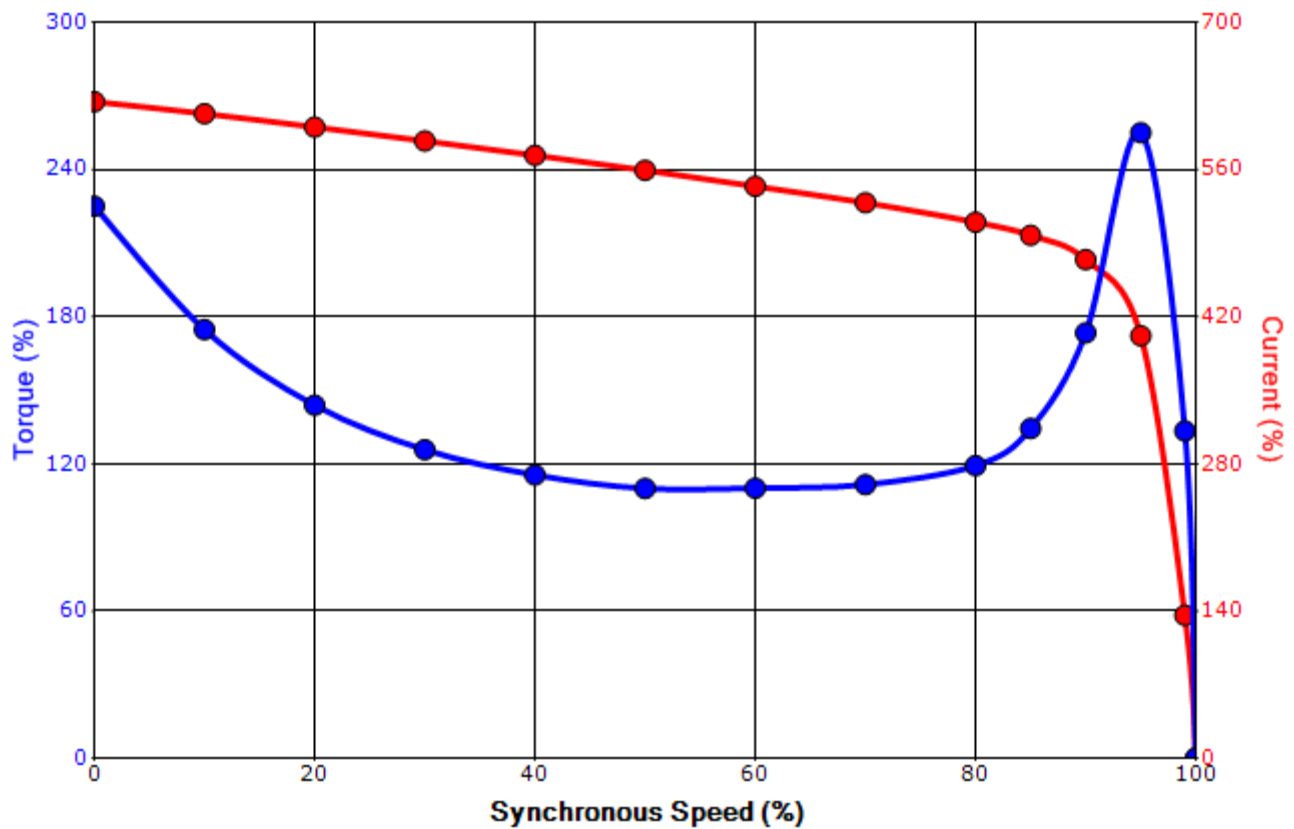
Engineering	bmmamen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	7/8/2014	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

SPEED TORQUE/CURRENT CURVE

Model: 3004FCAK11A-A

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
300	224	4	1790	N449T	4000	60	3	42
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	54	F	1.15	CONT	95.8	A	G	40 C
Locked Rotor Amps	Rotor wk ² Inertia (lb-ft ²)	Torque				Pull Up (%)	Break Down (%)	
		Full Load (lb-ft)	Locked Rotor (%)					
256.00	149.34	881	225		115	255		

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	7/8/2014	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