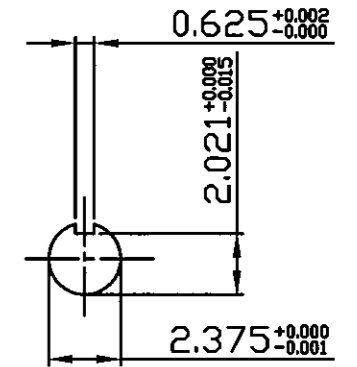
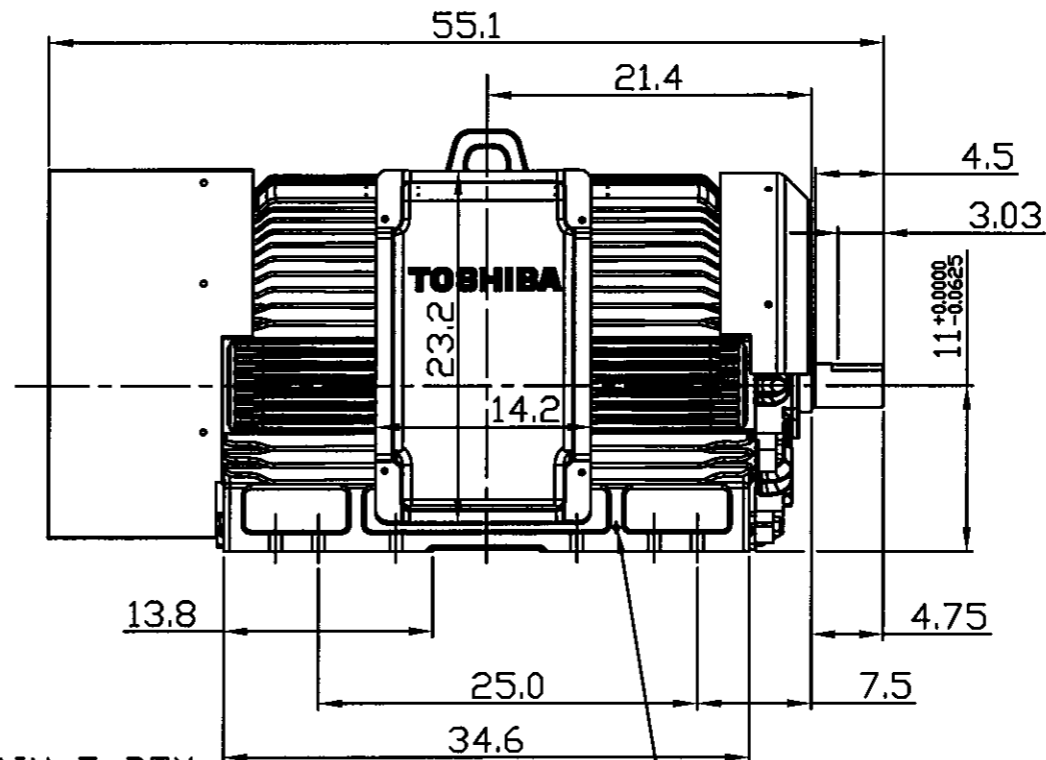
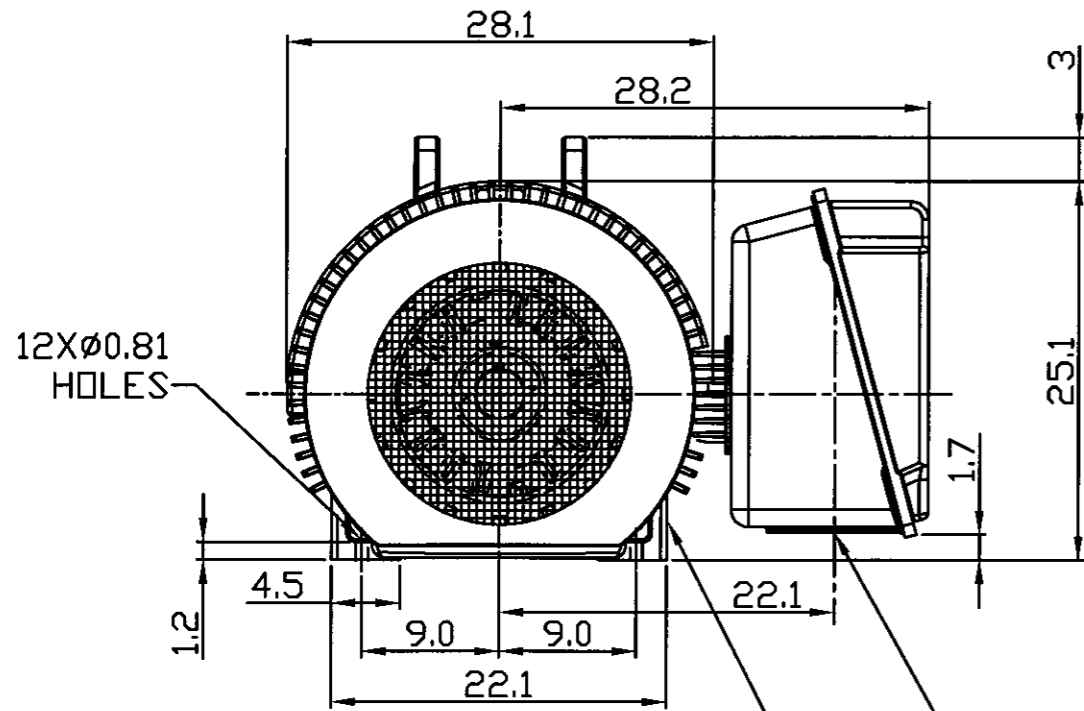


ROTATION
SEE NOTE 6



Ø4.0 NPT FOR MAIN T-BOX
GROUND TERMINAL

GROUND TERMINAL

TECHNICAL INFORMATION

1. BEARING LUBRICATION DE: CHEVRON SRI
ODE: CHEVRON SRI
2. BEARING TYPE DE: 6313C3
ODE: 6313C3
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 UNI DIRECTIONAL
7. MOTOR PAINT COLOR: GRAY
8. APPROX. WEIGHT: 3800 Lbs
9. ACCESORIES:

DRAWING LIST

MAIN TERMINAL BOX					
130-7622-55					
AUX TERMINAL BOX FOR					
SPACE HEATER	-				
R.T.D.	-				
THERMISTOR	-				
PRODUCTION #	-				
UNITS:	INCHES	NO.	REVISION	BY	DATE

MOTOR OUTLINE FOR
THREE PHASE INDUCTION MOTOR

CUSTOMER NAME			P.O. NO.		MOTOR TAG NO.	
OUTPUT HP	POLE 2	VOLTAGE 2.3/4k V	FREQUENCY Hz	FULL LOAD SPEED (min ⁻¹)	TOSHIBA MODEL NO.	
TYPE TIKK	FORM FCKW1	INS. CLASS F	RATING CONT.	FRAME N449TS	S.F.	ENCLOSURE TEFC
TOSHIBA INTERNATIONAL CORPORATION HOUSTON, TEXAS U.S.A.						
3rd ANGLE PROJ.	PREPARED BY: T. Ziebro	DATE: 2/26/04	CHECKED BY: <i>N. Ho</i>	DATE:	DRAWING NO.:	REV.
					MDSL0071-11	0

TYPICAL MOTOR PERFORMANCE DATA

Model: 3003FCAK11B-A

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
300	224	2	3580	N449TS	2309/4000	60	3	71/41
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	54	F	1.15	CONT	95	A	H	40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	300	223.7	40.2	95.1	84.3
¾ Load	225.00	167.8	31.7	94.0	81.1
½ Load	150.00	111.9	24.0	91.7	73.3
¼ Load	75.00	55.9	17.8	84.9	53.4
No Load			13.0		5.7
Locked Rotor			290.00		26.9

Torque				Rotor wk ²
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	Inertia (lb-ft ²)
440	200	155	265	98.61

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
10	5	-	6313C3	6313C3	

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

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

Customer	
Customer PO	
Sales Order	
Project #	

Tag:

All characteristics are average expected values.

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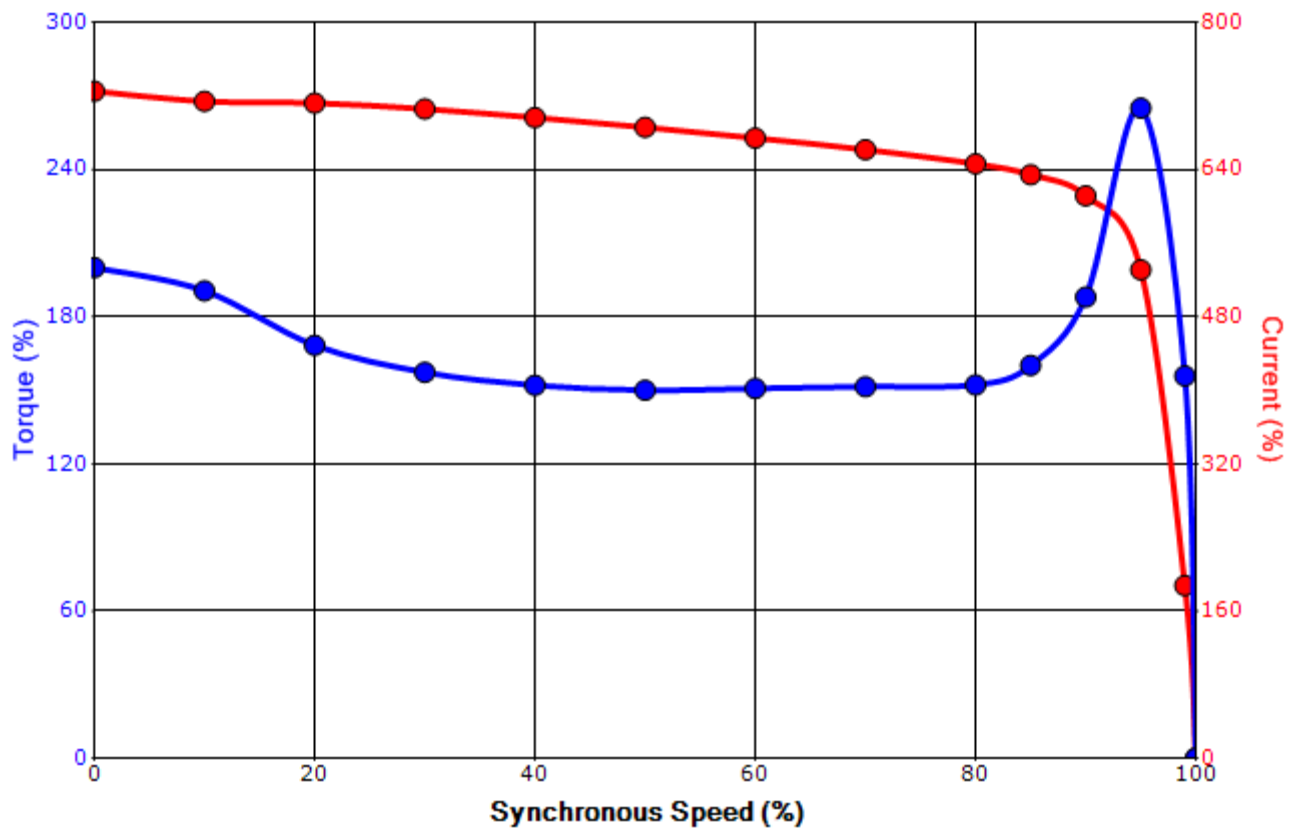
Engineering	bmmamen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	10/30/2015	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

SPEED TORQUE/CURRENT CURVE

Model: 3003FCAK11B-A

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
300	224	2	3580	N449TS	2309/4000	60	3	71/41
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	54	F	1.15	CONT	95	A	H	40 C
Locked Rotor Amps	Rotor wk ² Inertia (lb-ft ²)	Torque						Break Down (%)
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)				
290.00	98.61	440	200	155			265	

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	10/30/2015	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