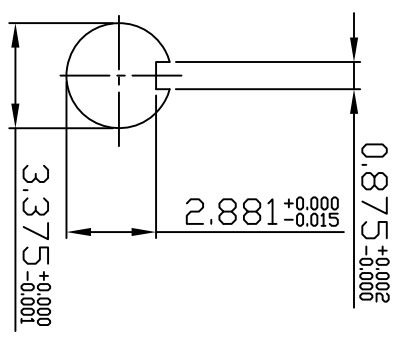
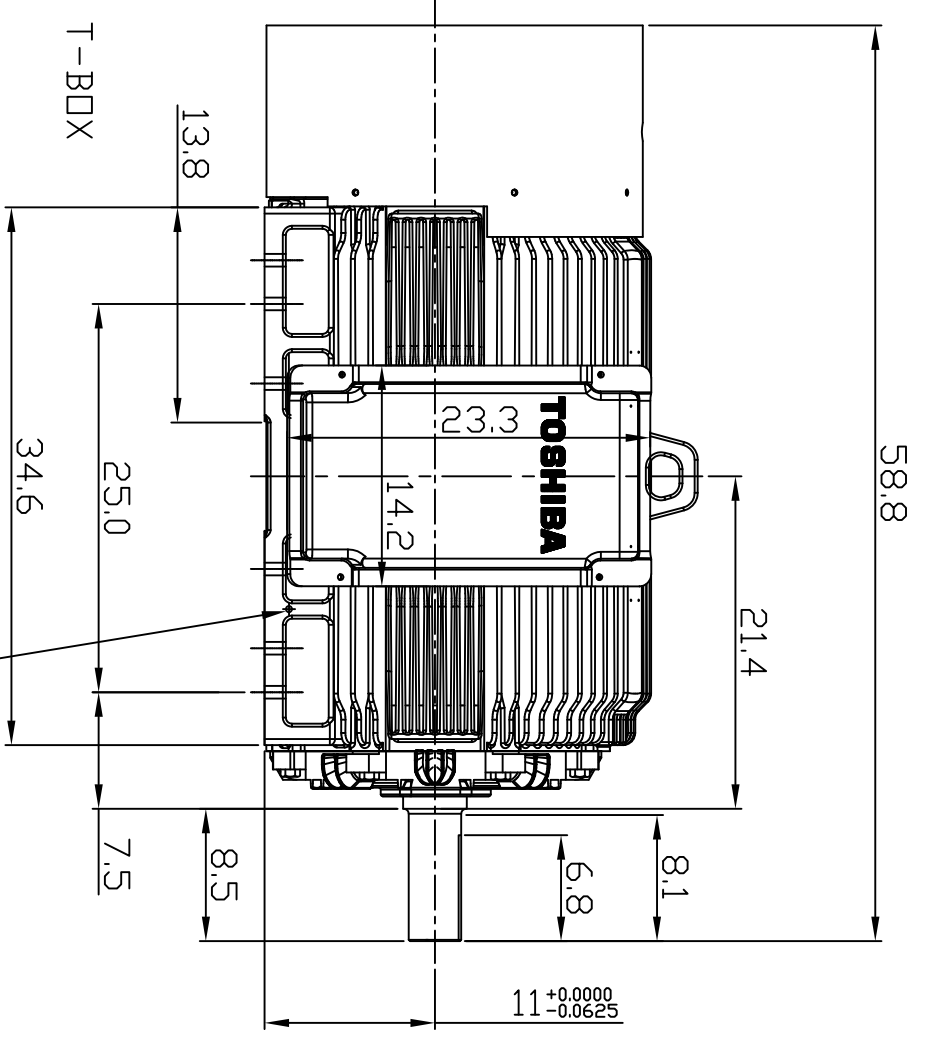
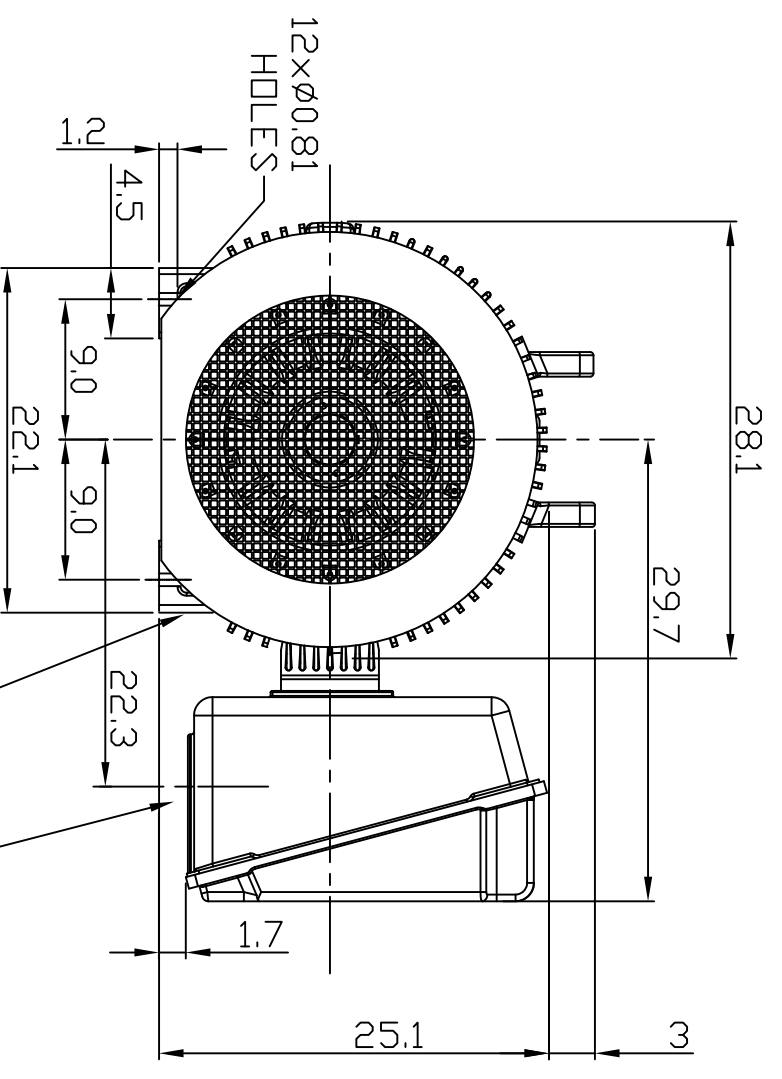


ROTATION
SEE NOTE 6



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	HP	POLE	4/6	VOLTAGE	2.3/4k V
TYPE	TIKK	FORM	FBKW1	INS. CLASS	F
FREQUENCY	Hz	RATING	CONT.	FRAME	N449T
FULL LOAD SPEED	(min-1)	TOSHIBA MODEL NO.			

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

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

Model: 1256FCAK11A-A

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
125	90	6	1185	N449T	4160	60	3	18
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	54	F	1.15	CONT	95.5	A	G	40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	125	93.2	17.0	95.5	79.5
¾ Load	93.75	69.9	13.3	94.5	76.7
½ Load	62.50	46.6	10.1	92.1	69.6
¼ Load	31.25	23.3	7.4	84.9	51.1
No Load			5.8		4.1
Locked Rotor			106.00		28.4

Torque				Rotor wk ²
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	Inertia (lb-ft ²)
554	175	115	225	127.82

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
35	22	-	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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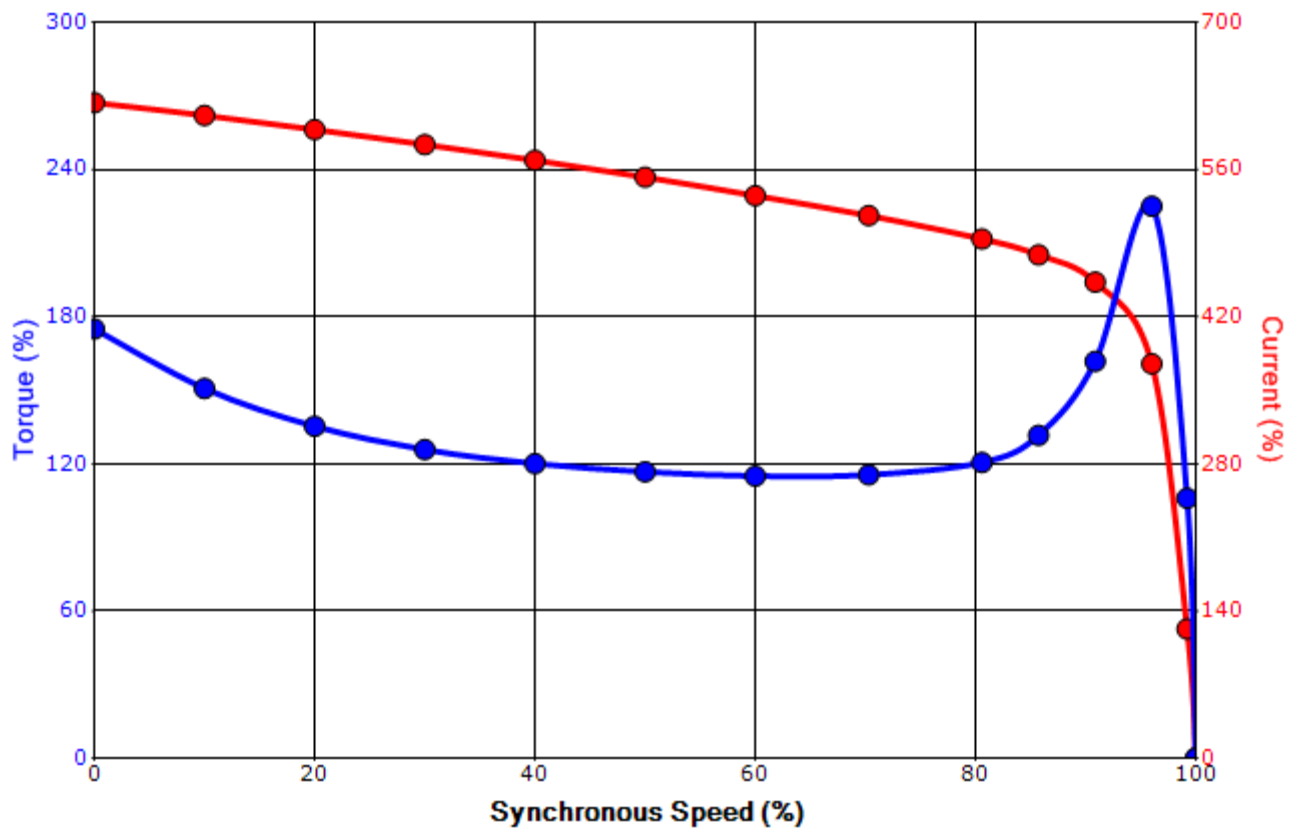
Engineering	bmmamen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	6/3/2015	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

SPEED TORQUE/CURRENT CURVE

Model: 1256FCAK11A-A

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
125	90	6	1185	N449T	4160	60	3	18
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	54	F	1.15	CONT	95.5	A	G	40 C
Locked Rotor Amps	Rotor wk ² Inertia (lb-ft ²)	Torque						Break Down (%)
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)				
106.00	127.82	554	175	115			225	

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	6/3/2015	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