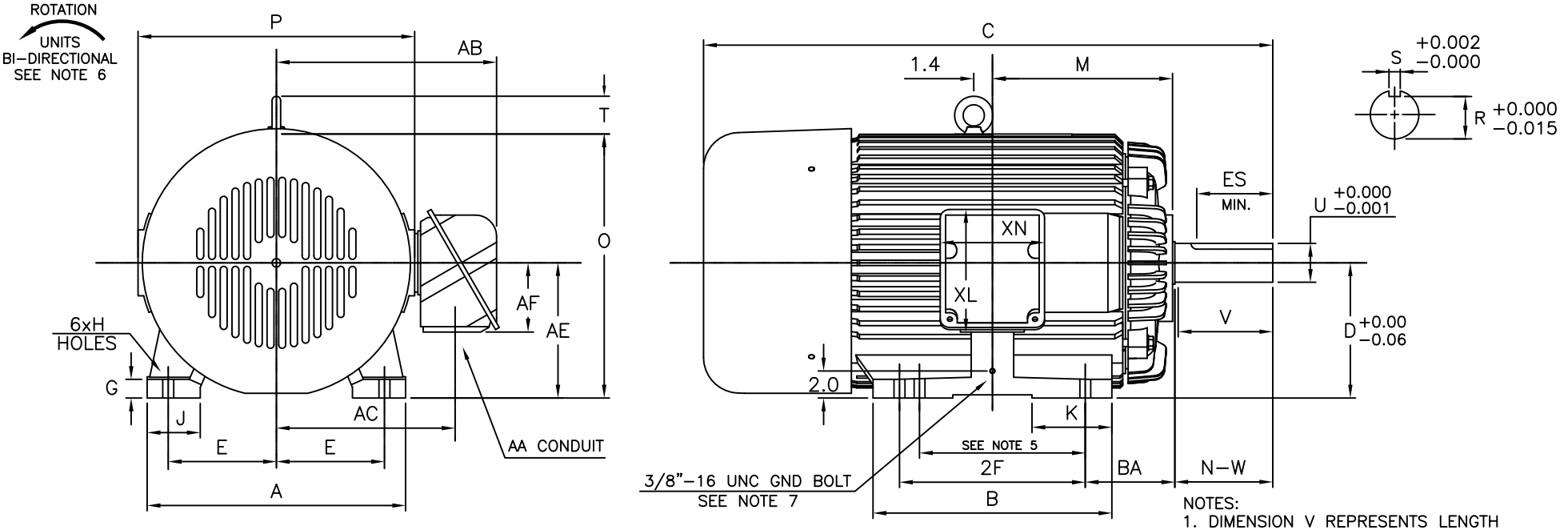

NOTES:
1. DIMENSION V REPRESENTS LENGTH OF STRAIGHT PART OF SHAFT
2. MAIN CONDUIT BOX MAY BE ROTATED IN 90° INCREMENTS
3. KEY DIMENSIONS EQUAL S x S x 5.62 FOR T AND S x S x 2.75 FOR TS (MOTOR SUPPLIED WITH KEY)
4. MOTOR WEIGHT SHOWN IS MAXIMUM HORSEPOWER IN FRAME
5. THIS DIMENSION EQUALS 2F FOR 404T/TS MOUNTING
6. STANDARD PRODUCT USE BI–DIRECTIONAL FAN. OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE
7. FRAME GROUND BOLT STANDARD ON 841 PRODUCT

UNITS: INCHES

FRAME SIZE	MOTOR DIMENSIONS											CONDUIT BOX						
	A	B	C	D	G	J	K	M	O	P	T	AA[NPT]	AB	AC	AE	AF	XL	XN
404TS/405TS	19.2	17.7	39.2	10.00	1.4	4.0	5.9	14.7	19.5	20.5	2.8	3.00	16.5	13.3	10.00	5.2	9.1	7.7
404T/405T	19.2	17.7	42.2	10.00	1.4	4.0	5.9	14.7	19.5	20.5	2.8	3.00	16.5	13.3	10.00	5.2	9.1	7.7

FRAME SIZE	MOUNTING				SHAFT EXTENSION			KEY SEAT			BEARINGS		MAXIMUM WEIGHT
	E	2F	H	BA	N–W	V	U	R	S	ES	LS	OS	
404TS/405TS	8.00	12.25/13.75	0.81	6.62	4.25	4.00	2.125	1.845	0.500	2.75	6313C3	6313C3	1380 lbs.
404T/405T	8.00	12.25/13.75	0.81	6.62	7.25	7.00	2.875	2.450	0.750	5.62	6317C3	6313C3	1380 lbs.

CUSTOMER: _____ MOTOR MODEL NO.: _____

P.O. NO.: _____ HP: _____ VOLTAGE: _____ RPM(SYN.): _____ Hz: _____

FRAME SIZE: _____ PRODUCT TYPE: EQP III 840 & 841

COMMENTS: _____

PER: _____ DATE: _____

TAG NO's.:

- [X] STANDARD (NO AUX. BOXES)
- [ ] RTD AUX. BOX
- [ ] SPACE HEATER AUX. BOX
- [ ] BEARING RTD's

- [X] PRELIMINARY
- [ ] CERTIFIED

TOSHIBA

TOSHIBA INTERNATIONAL CORPORATION

TOTALLY–ENCLOSED FAN–COOLED HORIZONTAL FOOT–MOUNTED 3 PHASE INDUCTION MOTOR F1 ASSEMBLY

XT SERIES

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Issued Date	9/24/2019	Transmit #	
Issued By	dschoeck	Issued Rev	

TOSHIBA

TYPICAL MOTOR PERFORMANCE DATA

Model: B0608FLF3BSHD

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
60	45	8	890	405T	230/460	60	3	196/98
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**NEMA Nom. Eff.**	**NEMA Design**	**kVA Code**	**Ambient (°C)**
TEFC	55	F	1.15	CONT	93.6	-	G	40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	60	44.7	98.0	93.6	62.0
¾ Load	45.00	33.6	95.7	92.1	47.8
½ Load	30.00	22.4	78.4	90.2	39.7
¼ Load	15.00	11.2	42.1	88.4	37.7
No Load			71.5		1.8
Locked Rotor			473		31.6

Torque				Rotor wk² Inertia
Full Load (lb-ft)	**Locked Rotor (% FLT)**	**Pull Up (% FLT)**	**Break Down (% FLT)**	**(lb-ft²)**
355	185	165	240	37.03

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight
Cold	**Hot**		**DE**	**NDE**	**(lbs)**
32	15	-	6317C3	6313C3	1111

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

Motor Options:
Product Family:EQPIII 840
Mounting:Footed,Shaft:T Shaft

Customer	
Customer PO	
Sales Order	
Project #	

Tag:

All characteristics are average expected values.

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

Engineering	aacosta	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 1
Engr. Date	6/21/2012	Doc. Approved By	M. Campbell	Doc. Issued	9/20/2019

Issued Date	9/24/2019	Transmit #	
Issued By	dschoeck	Issued Rev	

TOSHIBA

SPEED TORQUE/CURRENT CURVE

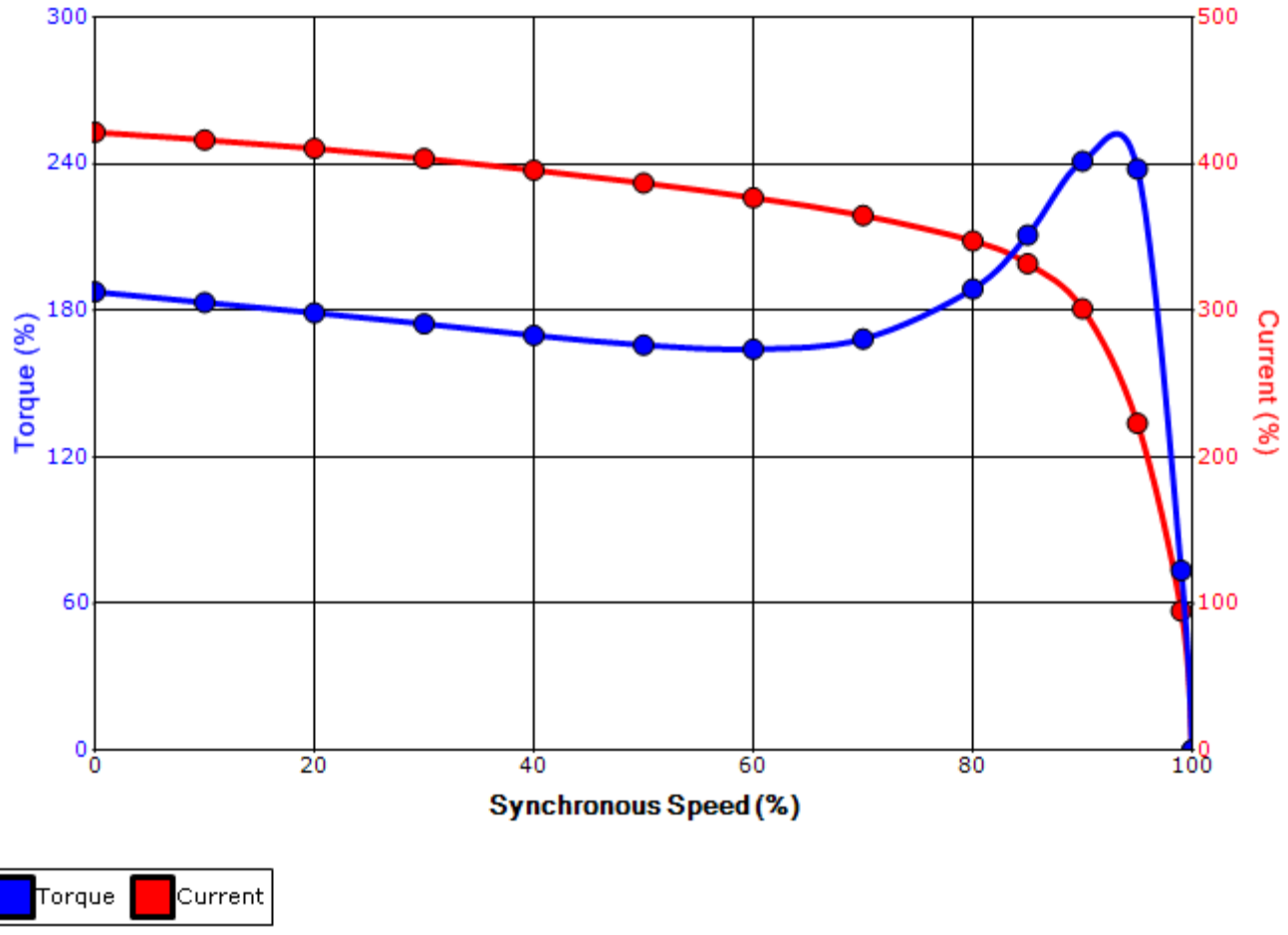
Model: B0608FLF3BSHD

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
60	45	8	890	405T	230/460	60	3	196/98

Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	93.6	-	G	40 C

Locked Rotor Amps	Rotor wk² Inertia (lb-ft²)	Torque			
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)
473	37.03	355	185	165	240

Design Values



Customer			wk² Load Inertia (lb-ft²)	-
Customer PO			Load Type	-
Sales Order			Voltage (%)	100
Project #			Accel. Time	-

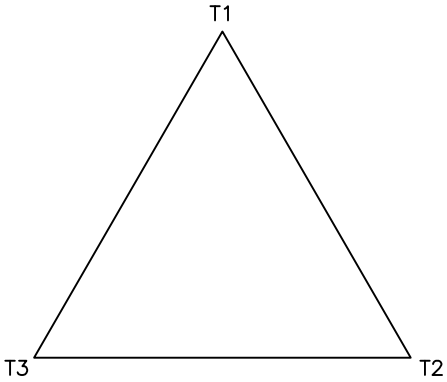
Tag:

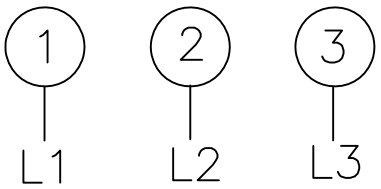
All characteristics are average expected values.

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

Engineering	aacosta	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121/1
Engr. Date	6/21/2012	Doc. Approved By	M. Campbell	Doc. Issued	9/20/2019

Motor Connection Diagram
3 Leads - Delta Connection





Switch L1 and L2 to reverse rotation

Each lead may consist of more than one cable.
If multiple cables represent a single lead, each one of them will be labeled with the appropriate lead number.