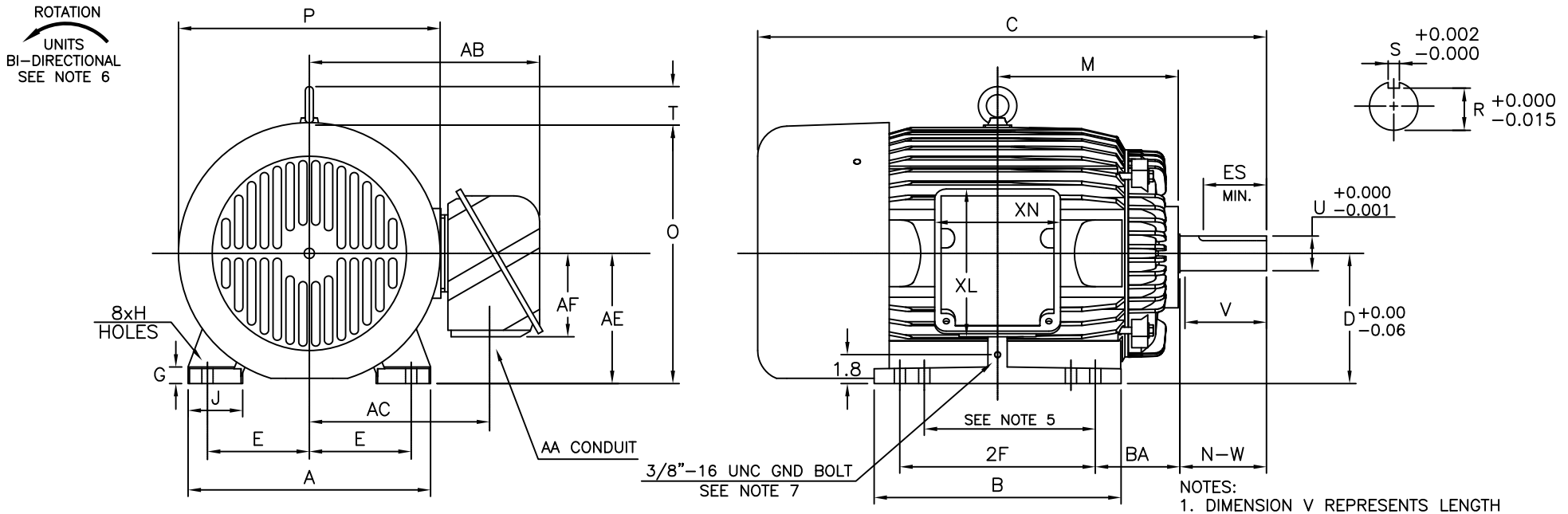

NOTES:
1. DIMENSION V REPRESENTS LENGTH OF STRAIGHT PART OF SHAFT
2. MAIN CONDUIT BOX MAY BE ROTATED IN 90° INCREMENTS
3. KEY DIMENSIONS EQUAL S x S x 3.88 FOR T AND S x S x 2.00 FOR TS (MOTOR SUPPLIED WITH KEY)
4. MOTOR WEIGHT SHOWN IS MAXIMUM HORSEPOWER IN FRAME
5. THIS DIMENSION EQUALS 2F FOR 324T/TS 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
324TS/326TS	14.9	15.2	29.7	8.00	0.9	3.2	0	11.1	15.9	16.1	2.4	2.00	14.3	11.1	8.00	5.1	9.1	7.7
324T/326T	14.9	15.2	31.2	8.00	0.9	3.2	0	11.1	15.9	16.1	2.4	2.00	14.3	11.1	8.00	5.1	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	
324TS/326TS	6.25	10.50/12.00	0.69	5.25	3.75	3.50	1.875	1.591	0.500	2.00	6312C3	6312C3	650 lbs.
324T/326T	6.25	10.50/12.00	0.69	5.25	5.25	5.00	2.125	1.845	0.500	3.88	6312C3	6312C3	650 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

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[X] PRELIMINARY

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[ ] CERTIFIED

TOSHIBA

TOSHIBA INTERNATIONAL CORPORATION

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

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Issued Date	4/23/2015	Transmit #	
Issued By	dschoeck	Issued Rev	

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TYPICAL MOTOR PERFORMANCE DATA

Model: B0402FLG3BMHJ01

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
40	30	2	3535	324TS	460	60	3	45

Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	93	B	G	40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	40	29.8	45.0	93.1	89.7
¾ Load	30.00	22.4	33.9	93.4	89.2
½ Load	20.00	14.9	24.0	92.8	84.3
¼ Load	10.00	7.5	15.3	85.6	71.2
No Load			11.0		7.8
Locked Rotor			290.00		44.9

Torque				Rotor wk² Inertia
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(lb-ft²)
59.4	260	235	255	3.93

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight
Cold	Hot		DE	NDE	(lbs)
14	5	-	6312C3	6312C3	

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

Motor Options:
Product Family:EQPIII 841
Mounting:Footed,Shaft:TS Shaft

Customer	
Customer PO	
Sales Order	
Project #	

Tag:

All characteristics are average expected values.

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

Engineering	gminetos	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	7/8/2013	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

Issued Date	4/23/2015	Transmit #	
Issued By	dschoeck	Issued Rev	

TOSHIBA
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SPEED TORQUE/CURRENT CURVE

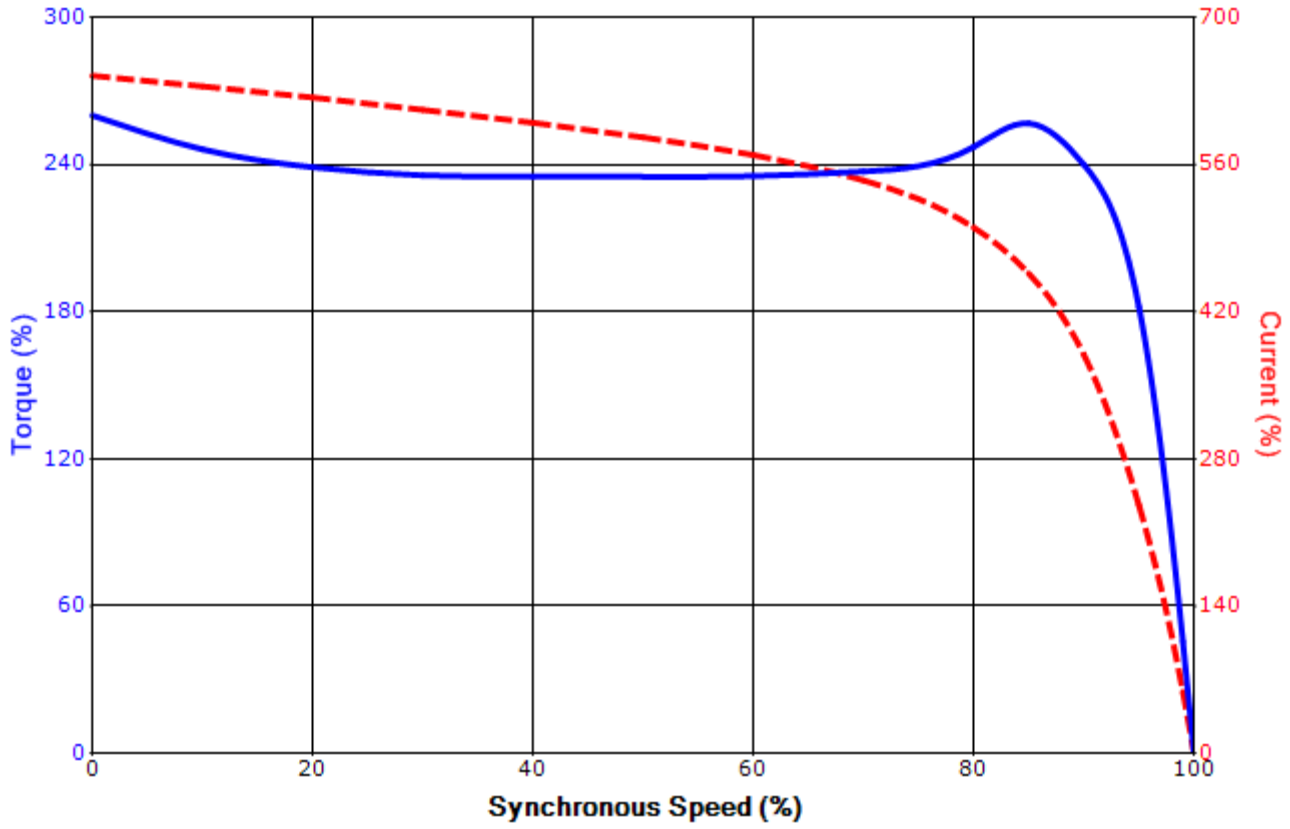
Model: B0402FLG3BMHJ01

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
40	30	2	3535	324TS	460	60	3	45

Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	93	B	G	40 C

Locked Rotor Amps	Rotor wk² Inertia (lb-ft²)	Torque			
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)
290.00	3.93	59.4	260	235	255

Design Values



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

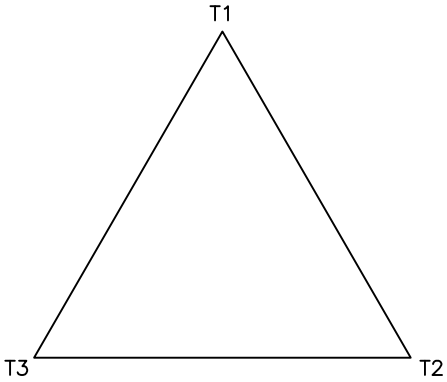
Tag:

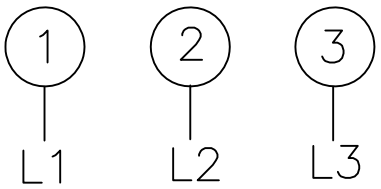
All characteristics are average expected values.

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

Engineering	gminetos	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121 / 0
Engr. Date	7/8/2013	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

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.