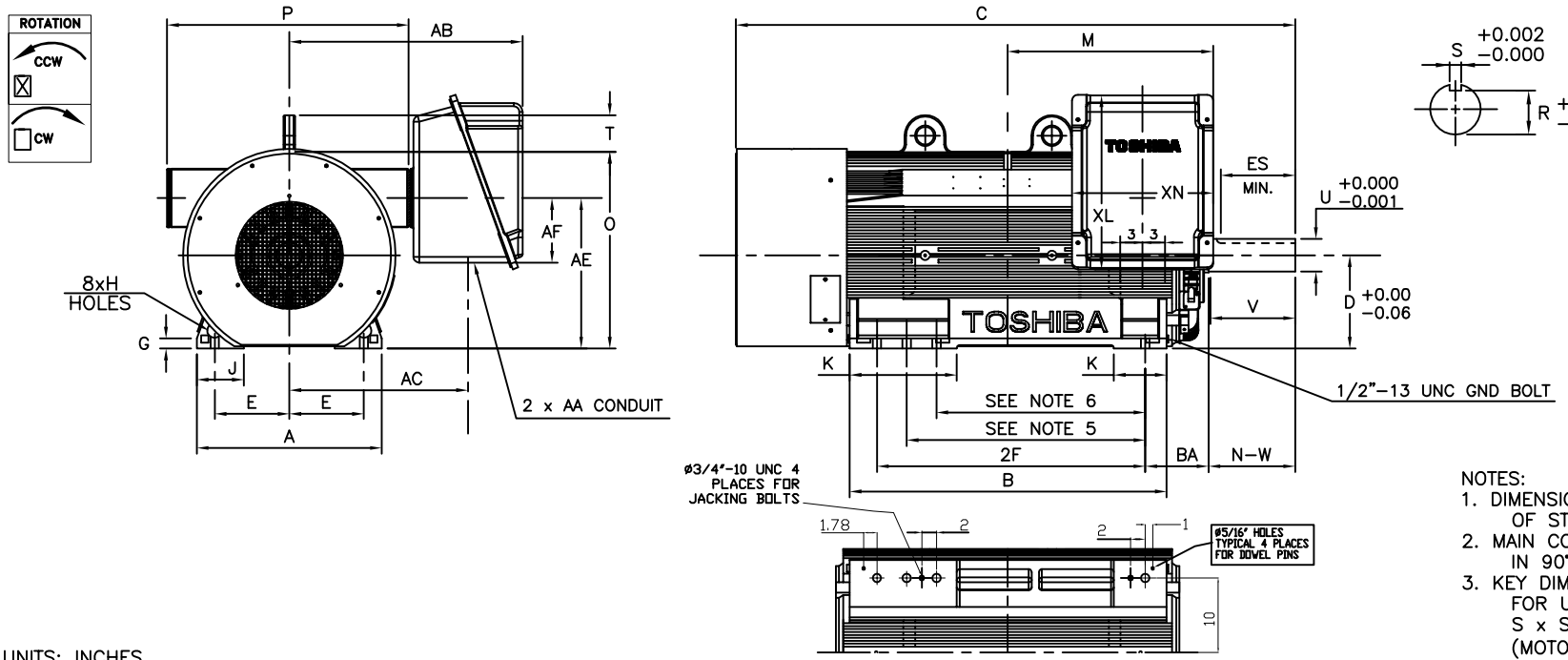


UNITS: INCHES

FRAME SIZE	MOTOR DIMENSIONS											CONDUIT BOX						
	A	B	C	D	G	J	K	M	O	P	T	AA	AB	AC	AE	AF	XL	XN
5009/10/11USS	24.8	42.6	64.2	12.50	1.4	6.3	14.4/7.1	26.8	26.4	32.5	5.0	4.00	31.3	24.0	20.2	8.7	23.4	18.9
5009/10/11US	24.8	42.6	69.8	12.50	1.4	6.3	14.4/7.1	26.8	26.4	32.5	5.0	4.00	31.3	24.0	20.2	8.7	23.4	18.9
5009/10/11UZ	24.8	42.6	75.1	12.50	1.4	6.3	14.4/7.1	26.8	26.4	32.5	5.0	4.00	31.3	24.0	20.2	8.7	23.4	18.9

FRAME SIZE	MOUNTING				SHAFT EXTENSION			KEY SEAT			BEARINGS		MAXIMUM WEIGHT
	E	2F	H	BA	N−W	V	U	R	S	ES	LS	OS	
5009/10/11USS	10.00	28.00/32.00/36.00	1.125	8.50	4.75	4.50	2.375	2.021	0.625	3.03	6313C3	6313C3	
5009/10/11US	10.00	28.00/32.00/36.00	1.125	8.50	6.25	6.19	3.625	3.134	0.875	5.03	6320C3	6320C3	5000 lbs.
5009/10/11UZ	10.00	28.00/32.00/36.00	1.125	8.50	11.62	11.38	4.375	3.817	1.000	10.03	NU324C3	6320C3	

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 10.00 FOR UZ, S x S x 5.00 FOR US, AND S x S x 3.00 FOR USS (MOTOR SUPPLIED WITH KEY)
4. MOTOR WEIGHT SHOWN IS MAXIMUM HORSEPOWER IN FRAME
5. THIS DIMENSION EQUALS 2F FOR 5010USS/US/UZ MOUNTING
6. THIS DIMENSION EQUALS 2F FOR 5009USS/US/UZ MOUNTING
7. STANDARD 4~8 POLE PRODUCT USE BI−DIRECTIONAL FAN. OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE
8. STANDARD 2 POLE PRODUCT USE UNI−DIRECTIONAL FAN. OPPOSITE ROTATION AVAILABLE ONLY BY FAN AND CONNECTION CHANGE

CUSTOMER: _____ MOTOR MODEL NO.: _____

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

FRAME SIZE: 5009/5010/5011 PRODUCT TYPE: TEFC EQP III, EPACT, & HIGH EFFICIENCY

COMMENTS: _____

_____

_____

PER: _____ DATE: _____

TAG NO's.:

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

TOSHIBA RESERVES THE RIGHT TO MAKE CHANGES OF TECHNICAL IMPROVEMENT AND THE DATA MAY CHANGE WITHOUT NOTICE [X] PRELIMINARY

DO NOT USE FOR CONSTRUCTION, INSTALLATION, OR APPLICATION PURPOSES UNLESS THE DRAWING IS MARKED AS CERTIFIED [ ] CERTIFIED

TOSHIBA

TOSHIBA INTERNATIONAL CORPORATION

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

XT SERIES

VISIT OUR WEBSITE AT:
www.toshiba.com/ind

MDSL0001−50 R02

Issued Date	8/18/2016	Transmit #	
Issued By	dschoeck	Issued Rev	

TOSHIBA
Leading Innovation >>>

TYPICAL MOTOR PERFORMANCE DATA

Model: 3506FTAB41E-A

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
350	261	6	1190	5011US	460	60	3	415

Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	54	F	1.15	CONT	95.8	B	G	40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	350	261.0	415.0	95.8	82.4
¾ Load	262.50	195.7	321.4	94.9	80.6
½ Load	175.00	130.5	235.6	92.8	74.9
¼ Load	87.50	65.2	163.7	86.5	57.8
No Load			129.0		3.8
Locked Rotor			2505.00		27.7

Torque				Rotor wk² Inertia
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(lb-ft²)
1547	180	135	245	239.95

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight
Cold	Hot		DE	NDE	(lbs)
34	12	-	6320C3	6320C3	

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

Motor Options:
Product Family:EQP Global SD
Mounting:Footed,Shaft:US 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 / 0
Engr. Date	4/27/2012	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

Issued Date	8/18/2016	Transmit #	
Issued By	dschoeck	Issued Rev	

TOSHIBA
Leading Innovation >>>

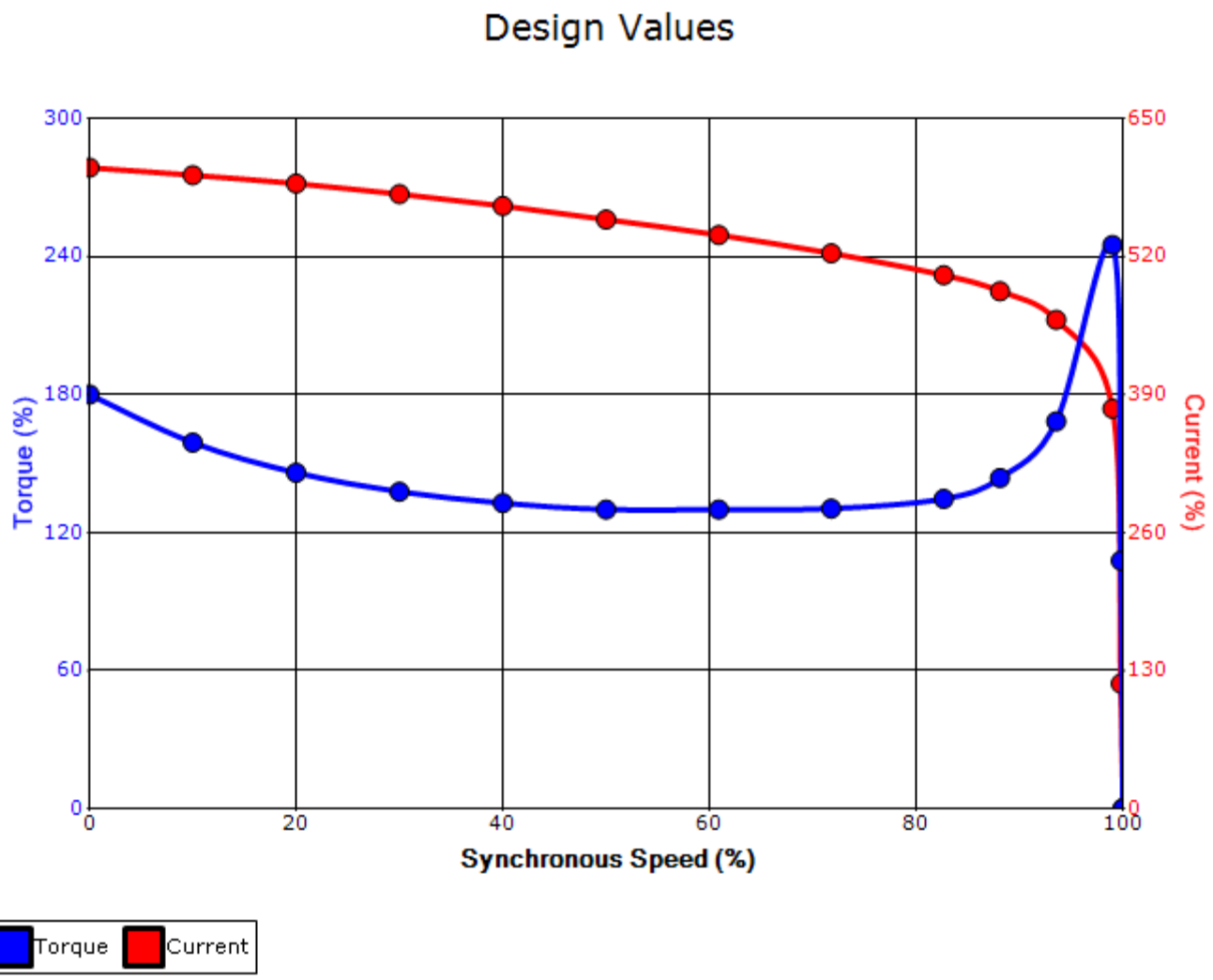
SPEED TORQUE/CURRENT CURVE

Model: 3506FTAB41E-A

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
350	261	6	1190	5011US	460	60	3	415

Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	54	F	1.15	CONT	95.8	B	G	40 C

Locked Rotor Amps	Rotor wk² Inertia (lb-ft²)	Torque			
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)
2505.00	239.95	1547	180	135	245



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

Tag:

All characteristics are average expected values.

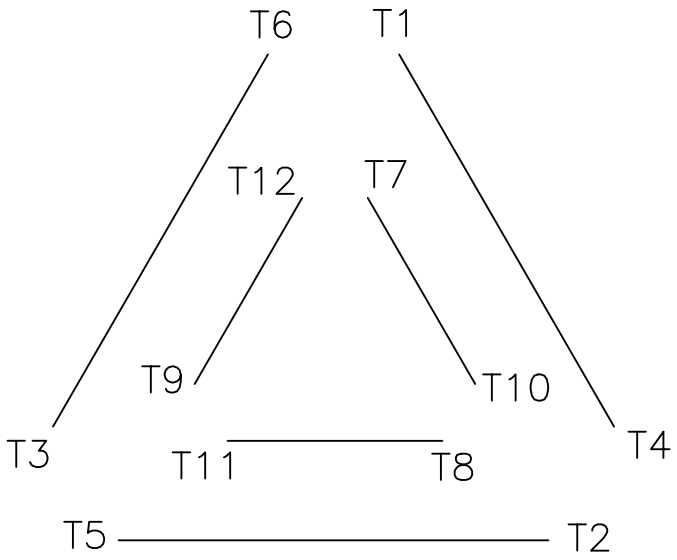
TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.

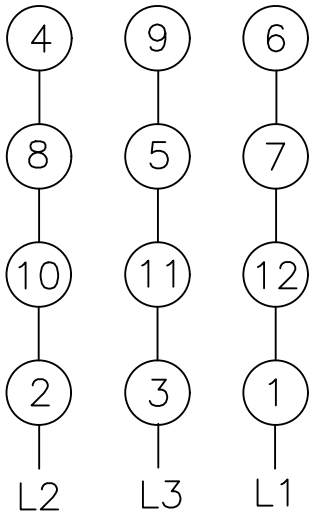
Engineering	aacosta	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121 / 0
Engr. Date	4/27/2012	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

TOSHIBA
TOSHIBA INTERNATIONAL CORPORATION

12SV

Motor Connection Diagram
12 Leads
Single Voltage





Switch L1 and L2 to reverse rotation

By: R. Murillo	Date: 4/9/08	Checked: MDC	Date: 5/17/11	Revision 0