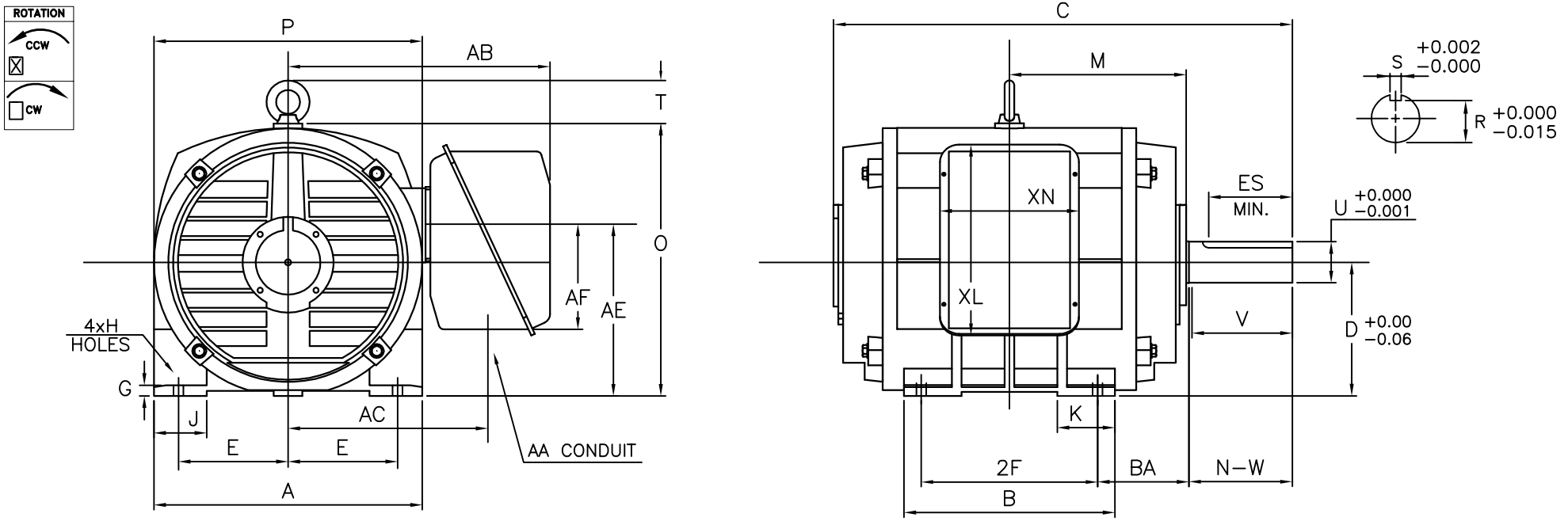

UNITS: INCHES

FRAME SIZE	MOTOR DIMENSIONS											CONDUIT BOX						
	A	B	C	D	G	J	K	M	O	P	T	AA	AB	AC	AE	AF	XL	XN
444T	22.1	17.4	37.8	11.00	0.9	4.4	4.8	14.6	22.5	22.0	3.6	3.00	21.6	16.5	14.2	8.7	15.7	11.5

FRAME SIZE	MOUNTING				SHAFT EXTENSION			KEY SEAT			BEARINGS		MAXIMUM WEIGHT
	E	2F	H	BA	N−W	V	U	R	S	ES	LS	OS	
444T	9.00	14.50	0.81	7.50	8.50	8.25	3.375	2.880	0.875	6.88	NU318C3	6318C3	1490 lbs.

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 6.88 (MOTOR SUPPLIED WITH KEY)
4. MOTOR WEIGHT SHOWN IS MAXIMUM HORSEPOWER IN FRAME
5. OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE

CUSTOMER: _____ MOTOR MODEL NO.: _____

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

FRAME SIZE: _____ PRODUCT TYPE: ODP 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

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MDSL0051−10A R05

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

TOSHIBA

TYPICAL MOTOR PERFORMANCE DATA

Model: B1006VLF4OSH

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
100	75	6	1190	444T	575	60	3	97
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**NEMA Nom. Eff.**	**NEMA Design**	**kVA Code**	**Ambient (°C)**
ODP	22	F	1.15	CONT	95.4	B	F	40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	100	74.6	96.7	95.5	81.1
¾ Load	75.00	55.9	74.7	95.9	77.9
½ Load	50.00	37.3	55.5	95.5	70.0
¼ Load	25.00	18.6	40.2	89.3	52.1
No Load			32.8		3.0
Locked Rotor			560		31.0

Torque				Rotor wk² Inertia
Full Load (lb-ft)	**Locked Rotor (% FLT)**	**Pull Up (% FLT)**	**Break Down (% FLT)**	**(lb-ft²)**
442	170	135	240	64.11

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight
Cold	**Hot**		**DE**	**NDE**	**(lbs)**
18	8	-	NU318C3	6318C3	1406

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

Motor Options:
Product Family:ODP
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	5/24/2012	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

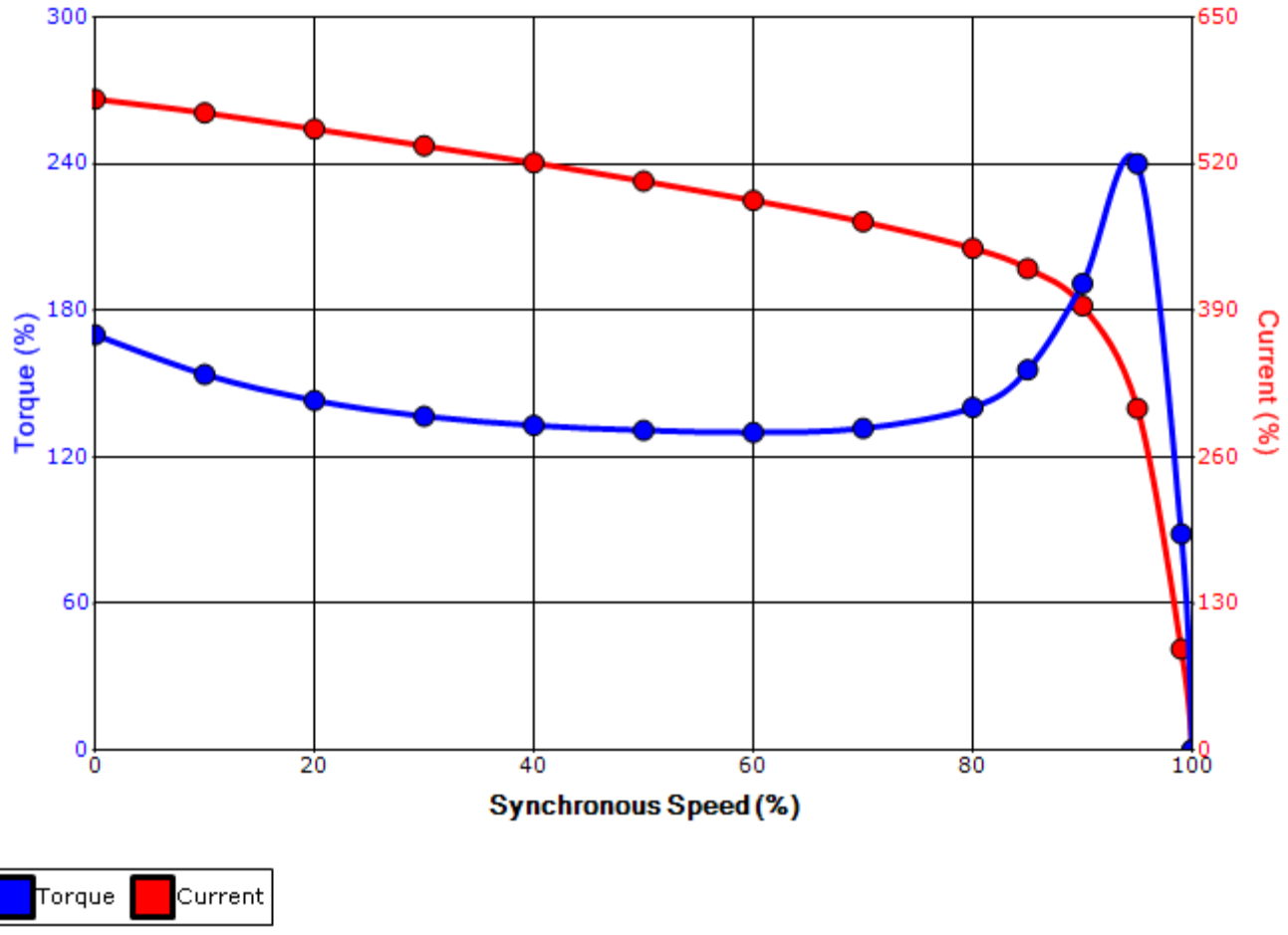
Model: B1006VLF4OSH

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
100	75	6	1190	444T	575	60	3	97

Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
ODP	22	F	1.15	CONT	95.4	B	F	40 C

Locked Rotor Amps	Rotor wk² Inertia (lb-ft²)	Torque			
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)
560	64.11	442	170	135	240

Design Values



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

Tag:

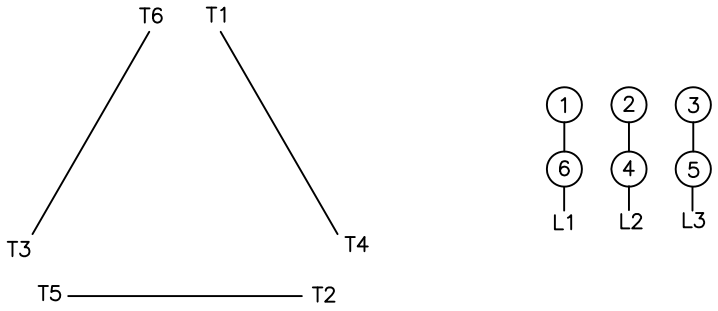
All characteristics are average expected values.

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

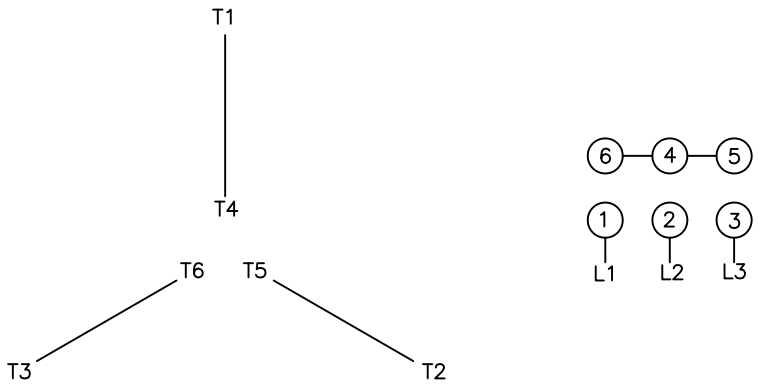
Engineering	aacosta	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121/1
Engr. Date	5/24/2012	Doc. Approved By	M. Campbell	Doc. Issued	9/20/2019

Motor Connection Diagrams
6 Leads

Across the Line Starting / Run - Delta:



Alternate Starting Connection - Wye:



Switch L1 and L2 to reverse rotation