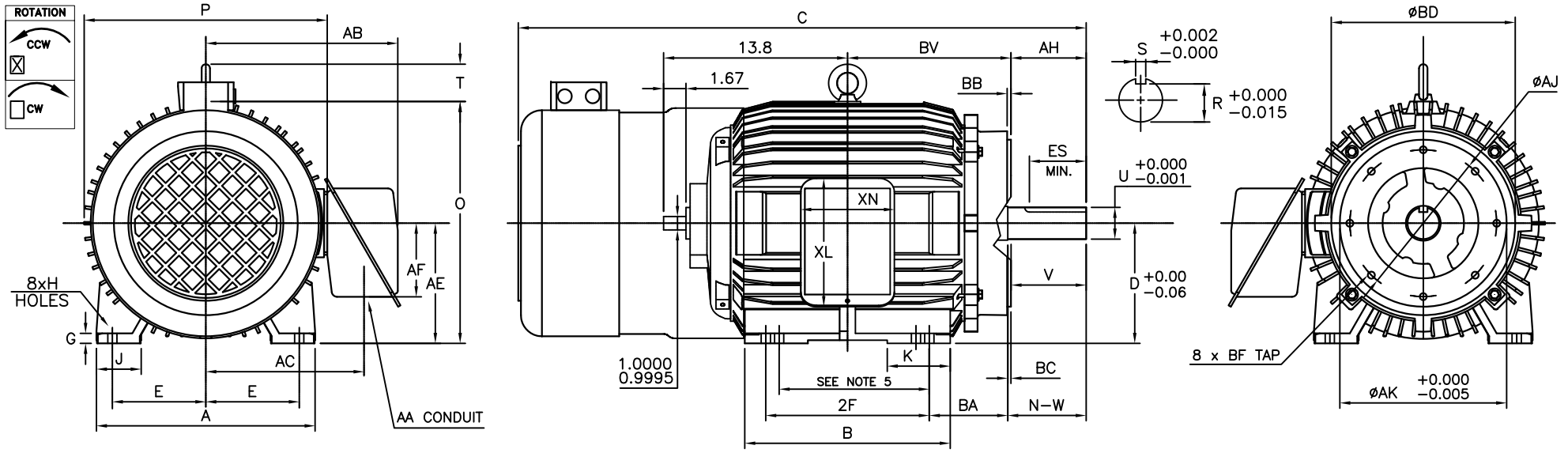

UNITS: INCHES

FRAME SIZE	MOTOR DIMENSIONS							
	AH	AJ	AK	BB	BC	BD	BF TAP	BV
364TSC/365TSC	3.500	11.000	12.500	0.25	0.25	13.78	5/8"–11UNC	12.25
364TC/365TC	5.625	11.000	12.500	0.25	0.25	13.78	5/8"–11UNC	12.25

FRAME SIZE	MOTOR DIMENSIONS											CONDUIT BOX						
	A	B	C	D	G	J	K	M	O	P	T	AA	AB	AC	AE	AF	XL	XN
364TSC/365TSC	16.4	15.4	40.4	9.00	0.8	3.4	4.8	0	18.1	18.0	2.8	3.00	14.6	11.9	9.00	5.6	9.7	7.1
364TC/365TC	16.4	15.4	42.6	9.00	0.8	3.4	4.8	0	18.1	18.0	2.8	3.00	14.6	11.9	9.00	5.6	9.7	7.1

FRAME SIZE	MOUNTING				SHAFT EXTENSION			KEY SEAT			BEARINGS		MAXIMUM WEIGHT
	E	2F	H	BA	N–W	V	U	R	S	ES	LS	OS	
364TSC/365TSC	7.00	11.25/12.25	0.69	5.88	3.75	3.50	1.875	1.591	0.500	2.00	6312C3	6312C3	800 lbs.
364TC/365TC	7.00	11.25/12.25	0.69	5.88	5.88	5.62	2.375	2.021	0.625	4.25	6314C3	6312C3	

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 4.25 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 364TC/TSC MOUNTING
6. OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE

CUSTOMER: _____ MOTOR MODEL NO.: _____

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

FRAME SIZE: _____ PRODUCT TYPE: TEBC VECTOR READY EQP III

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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TOSHIBA

TOSHIBA INTERNATIONAL CORPORATION

TOTALLY–ENCLOSED BLOWER–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: 0754BCFB32A

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
75	55	4	1779	365TC	460	60	3	89

Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEBC	54	F	1.15	CONT	95	A	G	40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	75	55.9	88.7	95.3	83.0
¾ Load	56.25	41.9	70.3	94.9	78.9
½ Load	37.50	28.0	54.0	93.5	69.4
¼ Load	18.75	14.0	41.9	88.5	47.2
No Load			32.6		4.0
Locked Rotor			572.20		36.0

Torque				Rotor wk² Inertia
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(lb-ft²)
221	230	165	285	15.33

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight
Cold	Hot		DE	NDE	(lbs)
17.8	10.5	-	6314C3	6312C3	

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

Motor Options:
Product Family:Vector Ready Series
Mounting:C-Face 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	bmammen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	9/17/2014	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

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

TOSHIBA
Leading Innovation

SPEED TORQUE/CURRENT CURVE

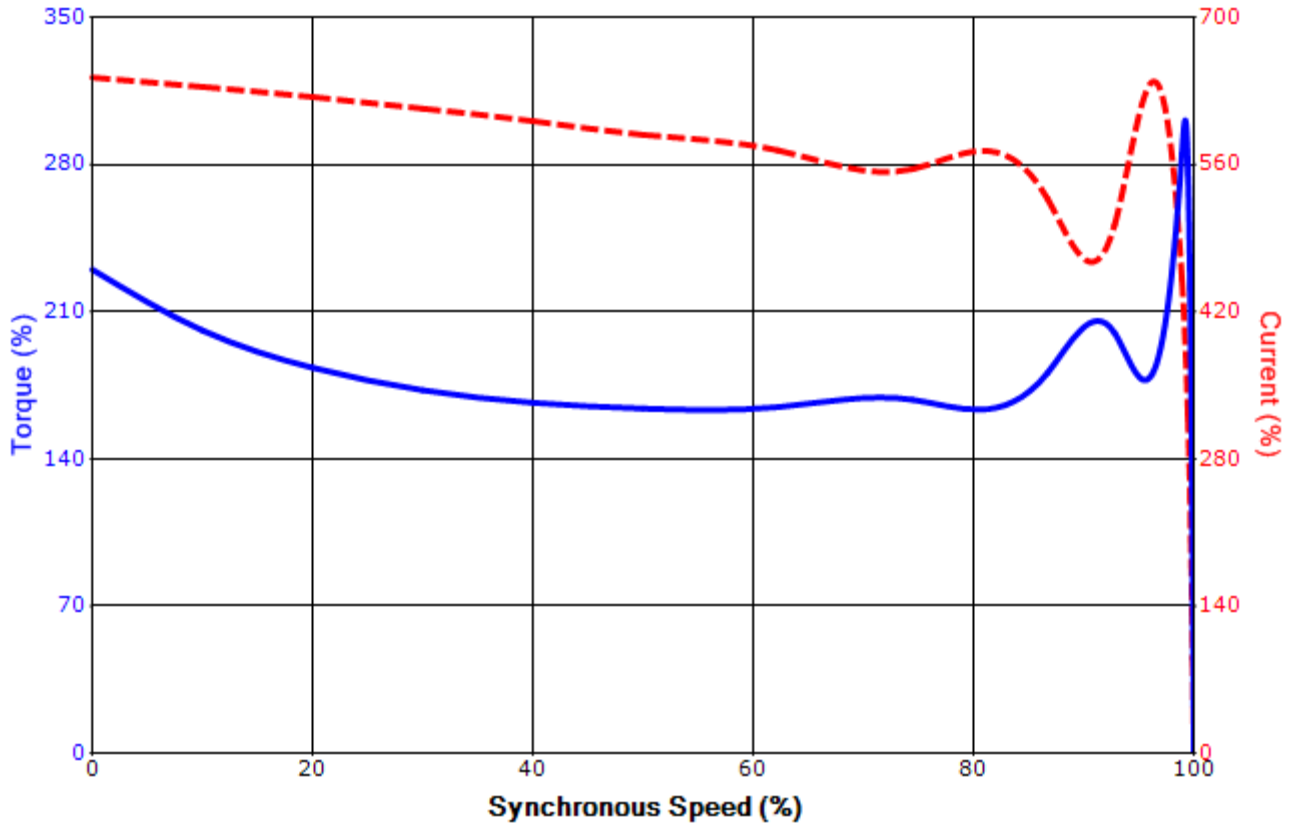
Model: 0754BCFB32A

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
75	55	4	1779	365TC	460	60	3	89

Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEBC	54	F	1.15	CONT	95	A	G	40 C

Locked Rotor Amps	Rotor wk² Inertia (lb-ft²)	Torque			
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)
572.20	15.33	221	230	165	285

Design Values



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

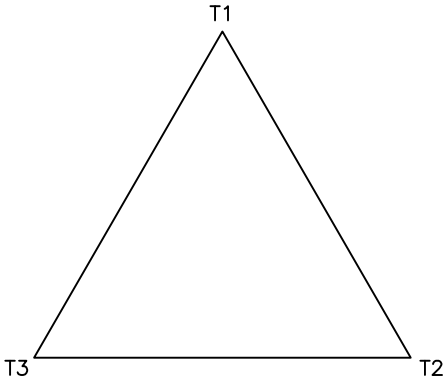
Tag:

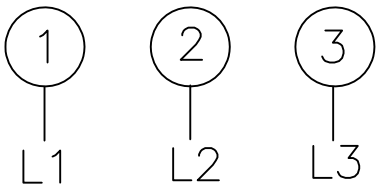
All characteristics are average expected values.

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

Engineering	bmammen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121 / 0
Engr. Date	9/17/2014	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.