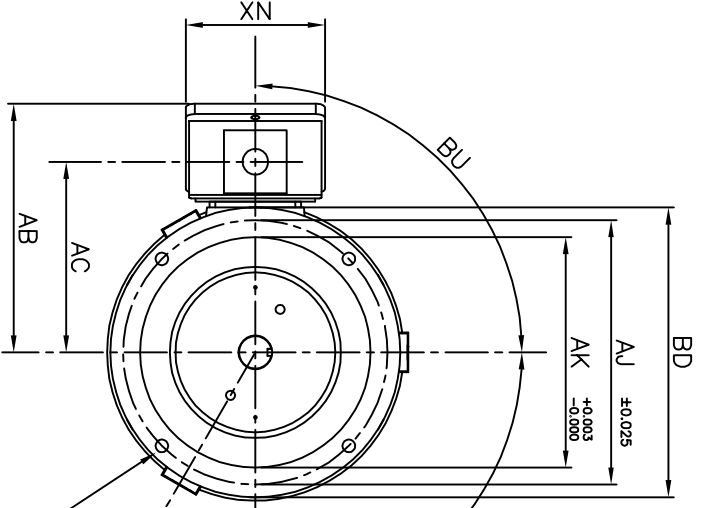
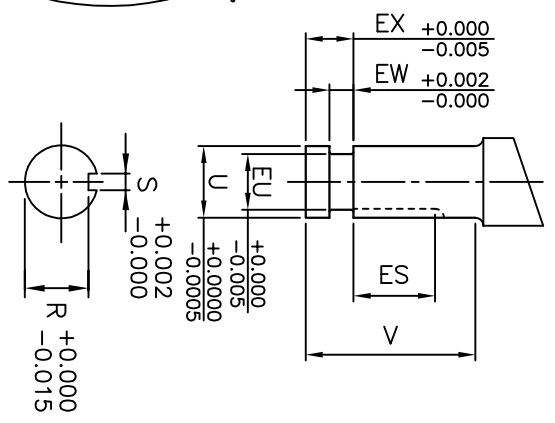


NOTE:
LIFTING EXEBOLTS
(2) 180° APART
FOR MOTOR
LIFTING ONLY



BF x 4 HOLES



UNITS: INCHES

FRAME SIZE	MOTOR DIMENSIONS				P-FLANGE DIMENSIONS				CONDUIT BOX DIMENSIONS									
	AG	C	P	OX	BU	BB	BE	BF	BD	BV	AK	AJ	AI(NPT)	AB	AC	AF	XL	XN
180HP10/LP10	21.2	23.9	10.3	-	90°	0.25	0.71	0.44	10.0	7.3	8.25	9.125	0.75	8.6	6.6	3.2	6.1	4.9

FRAME SIZE	SHAFT EXTENSION DIMENSIONS								BEARINGS		MAXIMUM WEIGHT
	AH	EU	U	V	R	S	ES	EW	EX	LS	
180HP10	2.75	0.875	1.125	2.75	0.986	0.25	1.28	0.375	0.75	6306C3	6306C3
180LP10	2.75	0.875	1.125	2.75	0.986	0.25	1.28	0.375	0.75	6306C3	7306BEGAM x 2

CUSTOMER: _____ MOTOR MODEL NO.: _____ TAG NO's.: _____

P.O. NO.: _____ HP: _____ VOLTAGE: _____ RPM(SYN.): _____ Hz: _____
 FRAME SIZE: _____ PRODUCT TYPE: VERTICAL SOLID SHAFT ROUND BODY P-FLANGE
 COMMENTS: _____

PER: _____ DATE: _____

TOSHIBA RESERVES THE RIGHT TO MAKE CHANGES OF TECHNICAL IMPROVEMENT AND THE DATA MAY CHANGE WITHOUT NOTICE PRELIMINARY
 DO NOT USE FOR CONSTRUCTION, INSTALLATION, OR APPLICATION PURPOSES UNLESS THE DRAWING IS MARKED AS CERTIFIED CERTIFIED

STANDARD (NO AUX. BOXES)
 RTD AUX. BOX
 SPACE HEATER AUX. BOX
 BEARING RTD's

- 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 ES (MOTOR SUPPLIED WITH KEY)
 4. MOTOR WEIGHT SHOWN IS MAXIMUM HORSEPOWER IN FRAME
 5. STANDARD PRODUCT USE BI-DIRECTIONAL FAN. OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE

TOSHIBA
 TOSHIBA INTERNATIONAL CORPORATION
 TOTALLY-ENCLOSED FAN-COOLED
 VERTICAL SOLID SHAFT ROUND BODY P-FLANGE
 3 PHASE INDUCTION MOTOR
 F1 ASSEMBLY

XT SERIES
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TYPICAL MOTOR PERFORMANCE DATA

Model: 0052FTVB3PX-A

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
5	3.7	2	3500	180LP10	460	60	3	5.7
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	54	F	1.15	CONT	89.5	B		40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	5.00	3.7	5.7	89.8	92.5
¾ Load	3.75	2.8	4.2	90.3	90.4
½ Load	2.50	1.9	3.0	89.8	84.8
¼ Load	1.25	0.9	1.9	81.1	74.7
No Load			1.5		10.6
Locked Rotor			46		51.9

Torque				Rotor wk ² Inertia (lb-ft ²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
7.50	265	315	355	0.23

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
25	15	-	6306C3	7306B	150

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

Motor Options:
Product Family:EQPIII Vertical Medium Thrust
Mounting:10 P-Base (180-280 Frame),Shaft:LP Solid Shaft Medium Thrust

Customer	
Customer PO	
Sales Order	
Project #	

Tag:

All characteristics are average expected values.

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

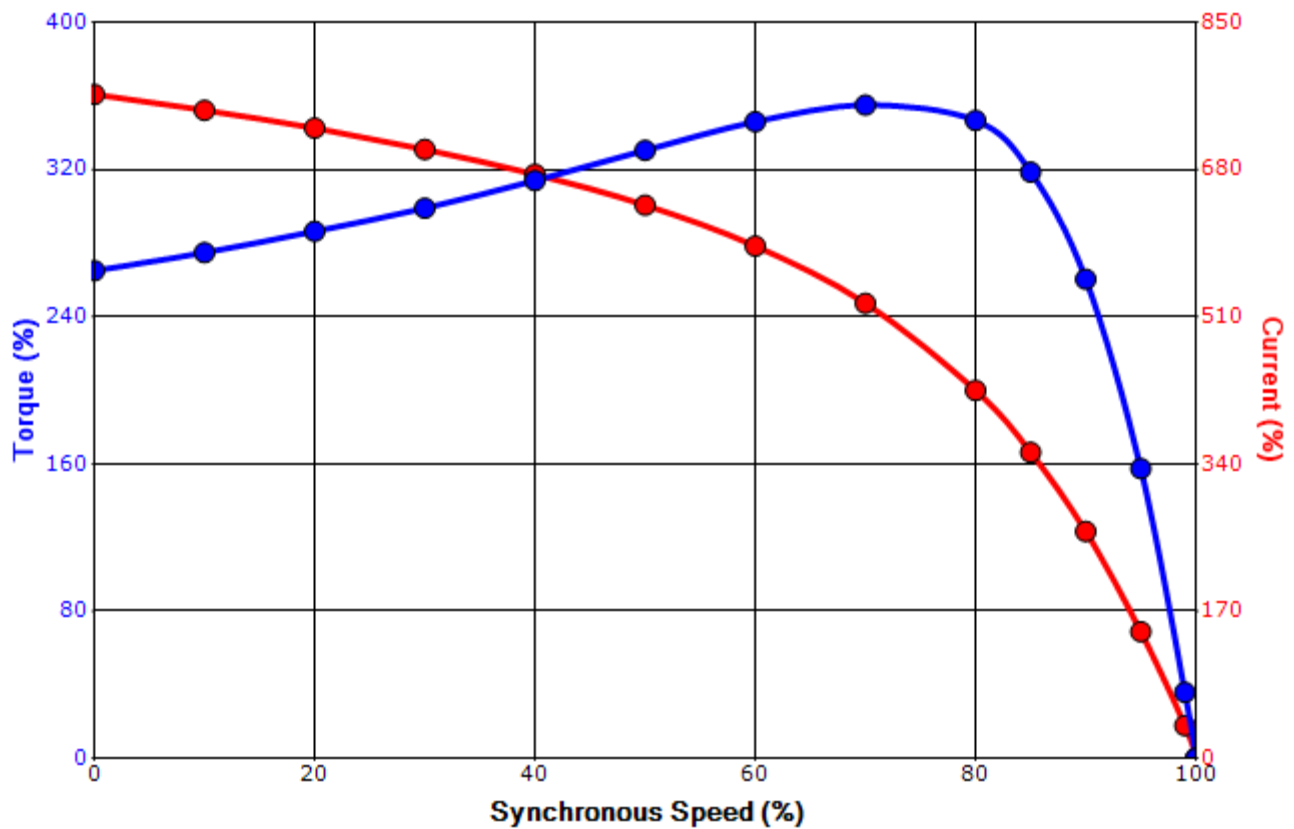
Engineering	gminetos	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	7/23/2013	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

SPEED TORQUE/CURRENT CURVE

Model: 0052FTVB3PX-A

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
5	3.7	2	3500	180LP10	460	60	3	5.7
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	54	F	1.15	CONT	89.5	B		40 C
Locked Rotor Amps	Rotor wk ² Inertia (lb-ft ²)	Torque						
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)			
46	0.23	7.50	265	315	355			

Design Values



Customer		wk ² Load Inertia (lb-ft ²)	-
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	7/23/2013	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

Motor Connection Diagram

3 Leads - Wye Connection

Single Voltage



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.