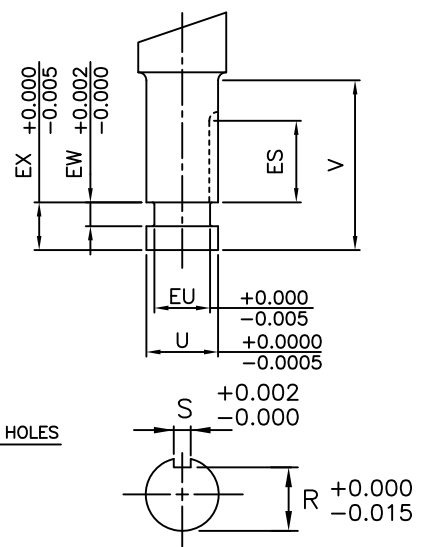
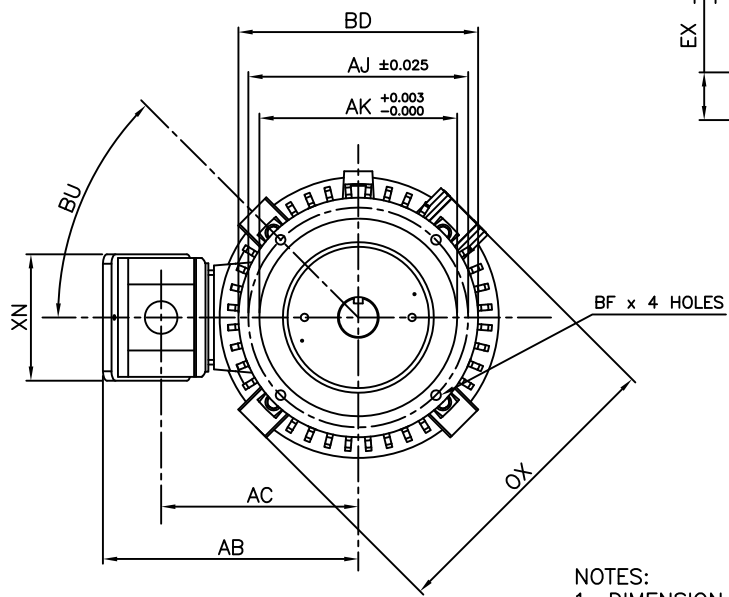
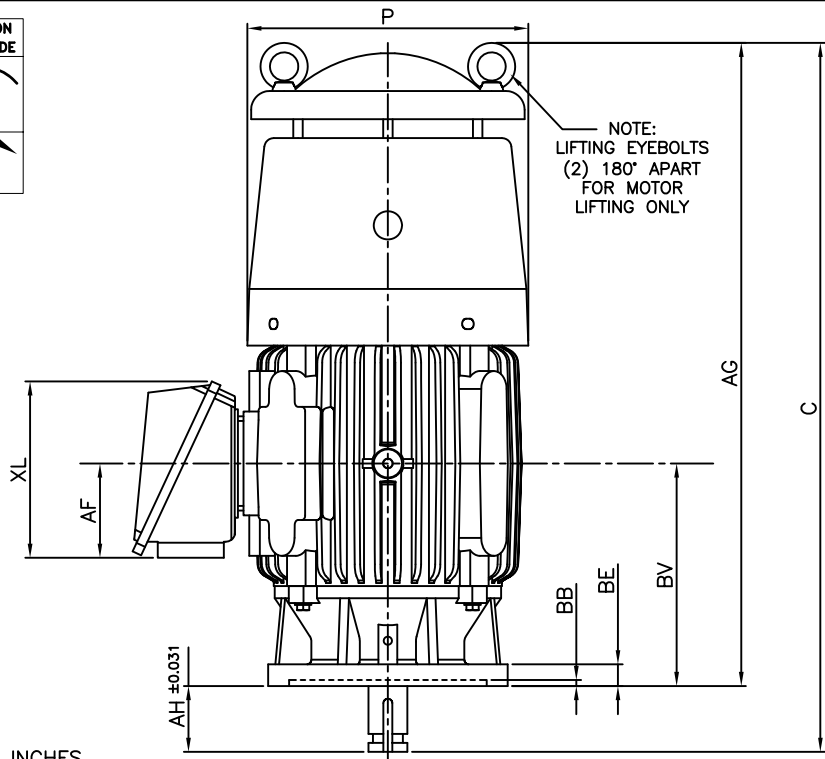


NOTE:
LIFTING EYEBOLTS
(2) 180° APART
FOR MOTOR
LIFTING ONLY



UNITS: INCHES

FRAME SIZE	MOTOR DIMENSIONS					P-FLANGE DIMENSIONS							CONDUIT BOX DIMENSIONS					
	AG	C	P	OX	BU	BB	BE	BF	BD	BV	AK	AJ	AA[NPT]	AB	AC	AF	XL	XN
210HP10/LP10	26.9	29.7	11.8	12.6	45°	0.25	0.91	0.44	10.0	9.3	8.25	9.125	1.00	10.7	8.3	4.0	7.4	5.3

FRAME SIZE	SHAFT EXTENSION DIMENSIONS										BEARINGS		MAXIMUM WEIGHT
	AH	EU	U	V	R	S	ES	EW	EX	LS	OS		
210HP10	2.75	0.875	1.125	2.75	0.986	0.25	1.28	0.375	0.75	6309C3	6308C3	250 lbs.	
210LP10	2.75	1.250	1.625	2.75	1.416	0.38	1.28	0.375	0.75	6309C3	7308BEGAM x 2		

NOTES:

- DIMENSION V REPRESENTS LENGTH OF STRAIGHT PART OF SHAFT
- MAIN CONDUIT BOX MAY BE ROTATED IN 90° INCREMENTS
- KEY DIMENSIONS EQUAL S x S x ES (MOTOR SUPPLIED WITH KEY)
- MOTOR WEIGHT SHOWN IS MAXIMUM HORSEPOWER IN FRAME
- STANDARD PRODUCT USE BI-DIRECTIONAL FAN. OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE

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

 PER: _____ DATE: _____

TAG NO's.:

.....

<input checked="" type="checkbox"/>	STANDARD (NO AUX. BOXES)
<input type="checkbox"/>	RTD AUX. BOX
<input type="checkbox"/>	SPACE HEATER AUX. BOX
<input type="checkbox"/>	BEARING RTD's

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

TOSHIBA
 TOSHIBA INTERNATIONAL CORPORATION

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

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



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

TYPICAL MOTOR PERFORMANCE DATA

Model: 0104FTVB3PW-A

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
10	7.5	4	1750	210HP10	460	60	3	12.0
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	54	F	1.15	CONT	91.7	B	H	40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	10	7.5	12.0	91.8	86.2
¾ Load	7.50	5.6	9.3	91.7	82.4
½ Load	5.00	3.7	7.0	90.5	73.4
¼ Load	2.50	1.9	5.3	83.8	51.8
No Load			4.2		6.4
Locked Rotor			81		47.1

Torque				Rotor wk ² Inertia (lb-ft ²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
30	260	265	320	1.47

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
26	13	-	6309C3	6308C3	250

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

Motor Options:

Product Family:EQPIII Vertical Normal Thrust
 Mounting:10 P-Base (180-280 Frame),Shaft:HP Solid Shaft Normal 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 / 1
Engr. Date	7/23/2013	Doc. Approved By	M. Campbell	Doc. Issued	9/20/2019



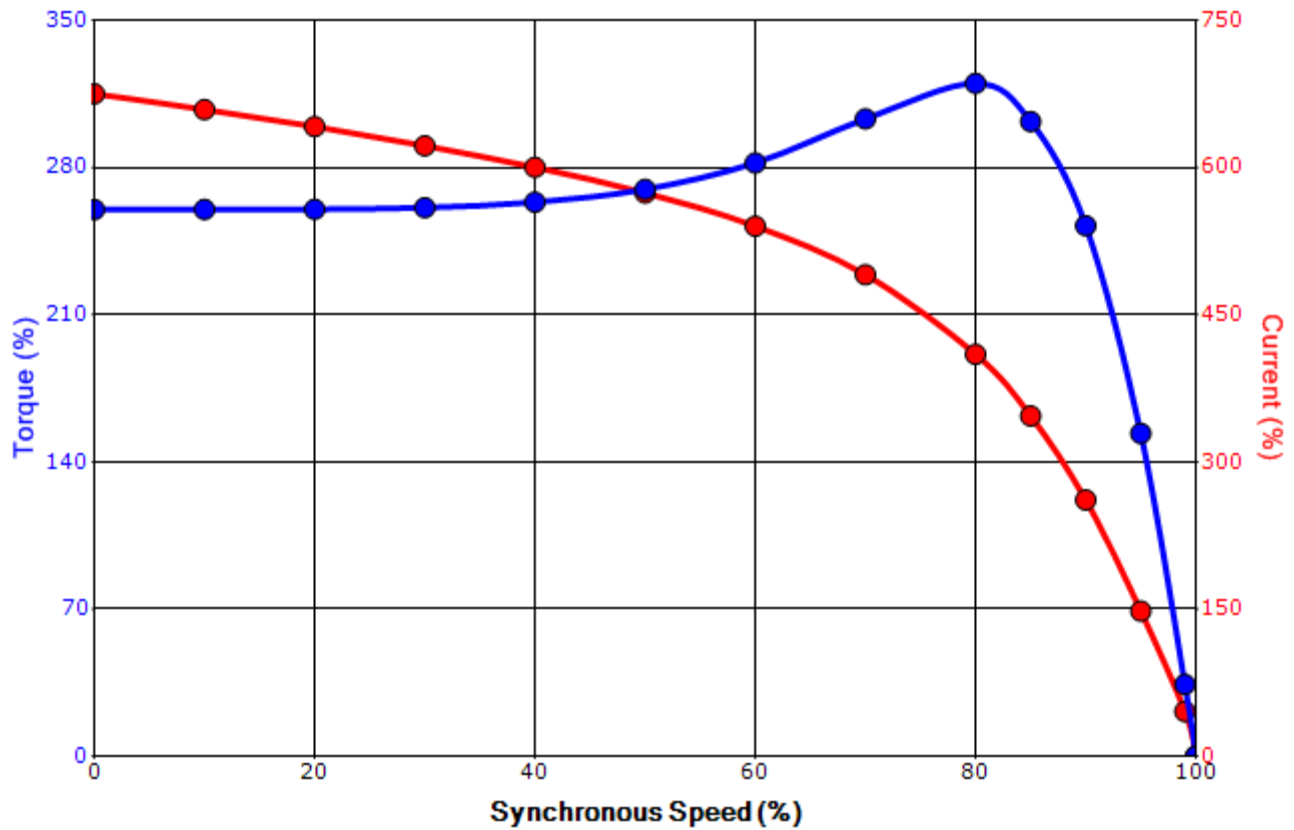
Issued Date	9/24/2019	Transmit #	
Issued By	dschoeck	Issued Rev	

SPEED TORQUE/CURRENT CURVE

Model: 0104FTVB3PW-A

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
10	7.5	4	1750	210HP10	460	60	3	12.0
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	54	F	1.15	CONT	91.7	B	H	40 C
Locked Rotor Amps	Rotor wk ² Inertia (lb-ft ²)	Torque						Break Down (%)
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)				
81	1.47	30	260	265			320	

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-1121/1
Engr. Date	7/23/2013	Doc. Approved By	M. Campbell	Doc. Issued	9/20/2019

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.