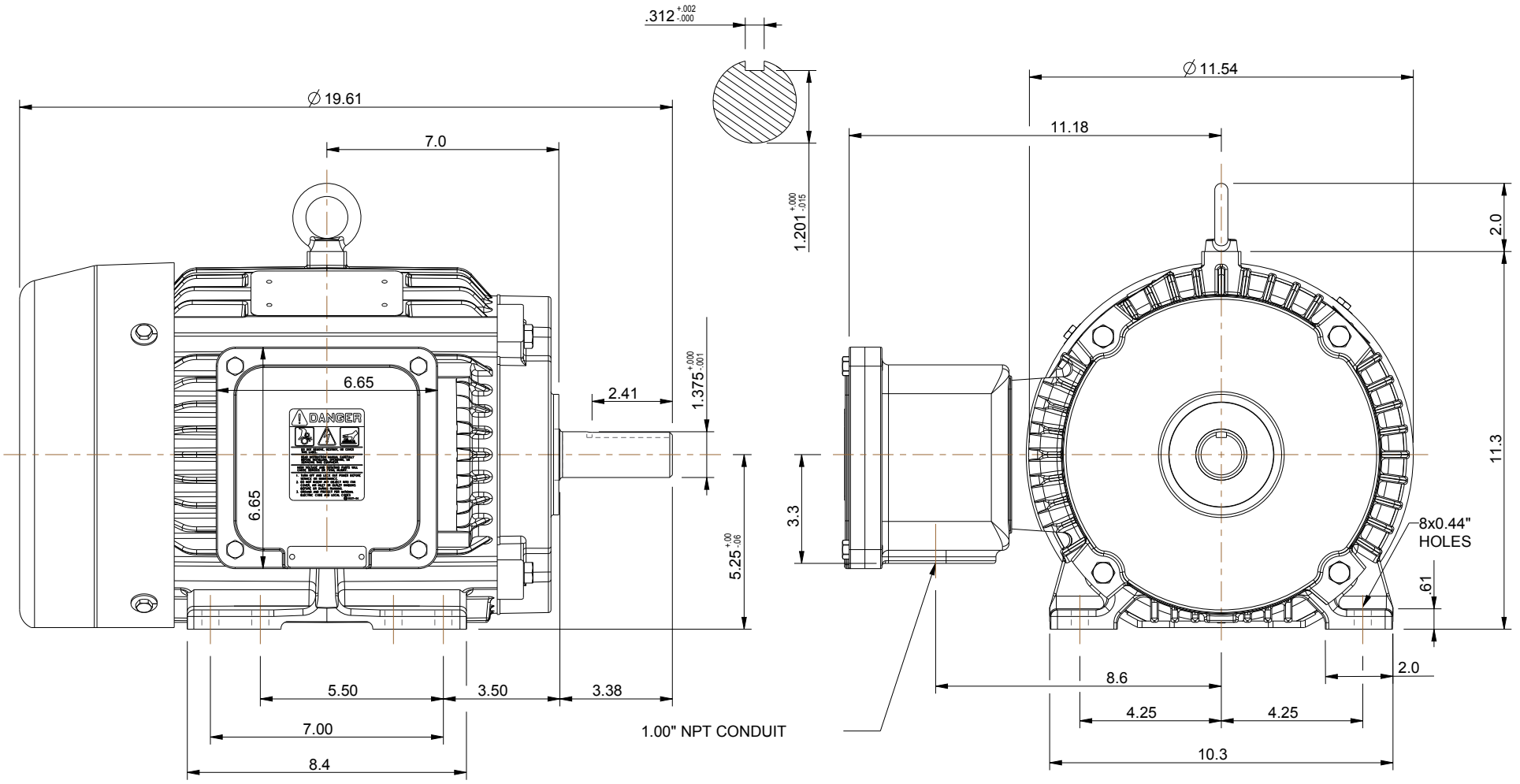

NOTES:
1. MAIN CONDUIT BOX MAY BE ROTATED IN 90° INCREMENTS
2. STANDARD PRODUCT USE BI-DIRECTIONAL FAN. OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE.
3. KEY DIMENSIONS EQUAL 0.312" x 0.312" x 2.38" (MOTOR SUPPLIED WITH KEY)

UNITS: INCHES

210T TEXP FRAME F1 ASSEMBLY

MDSLV800-03

TOSHIBA
TOSHIBA INTERNATIONAL CORPORATION

TOLERANCES
.X .1
.XX .03
.XXX .005
.XXXX .0005

MAXIMUM MOTOR WEIGHT
221 lbs.
101 kgs.

NO	REVISION	DRAWN BY	DATE	CHECK
1	CHANGE T-BOX ASSEMBLY AND FAN COVER	MO	03/24/14	JR
0	FIRST ISSUE (OVERRIDE 'S' DIMENSION)	MO	03/06/14	JR

EQP Global XP
XT SERIES

DRAWN BY: M. O'DOWD
CHECK BY: J. RUSSELL
APPROVED BY:

www.toshiba.com/ind

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

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TYPICAL MOTOR PERFORMANCE DATA

Model: 0104XPEA41A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
10	7.5	4	1760	215T	230/460	60	3	26/13
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**NEMA Nom. Eff.**	**NEMA Design**	**kVA Code**	**Ambient (°C)**
TEFC	56	F	1.15	CONT	91.7	B	H	40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	10	7.5	13.0	91.8	80.2
¾ Load	7.50	5.6	10.1	91.1	76.4
½ Load	5.00	3.7	7.8	89.1	67.5
¼ Load	2.50	1.9	6.1	81.7	46.3
No Load			5.8		5.9
Locked Rotor			81.00		45.1

Torque				Rotor wk² Inertia
Full Load (lb-ft)	**Locked Rotor (% FLT)**	**Pull Up (% FLT)**	**Break Down (% FLT)**	**(lb-ft²)**
29.8	260	225	330	1.34

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight
Cold	**Hot**		**DE**	**NDE**	**(lbs)**
34	23	-	6308ZZC3	6308ZZC3	

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

Motor Options:
Product Family:EQP Global Explosion Proof
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	jhock	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	3/20/2014	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

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

TOSHIBA
Leading Innovation >>>

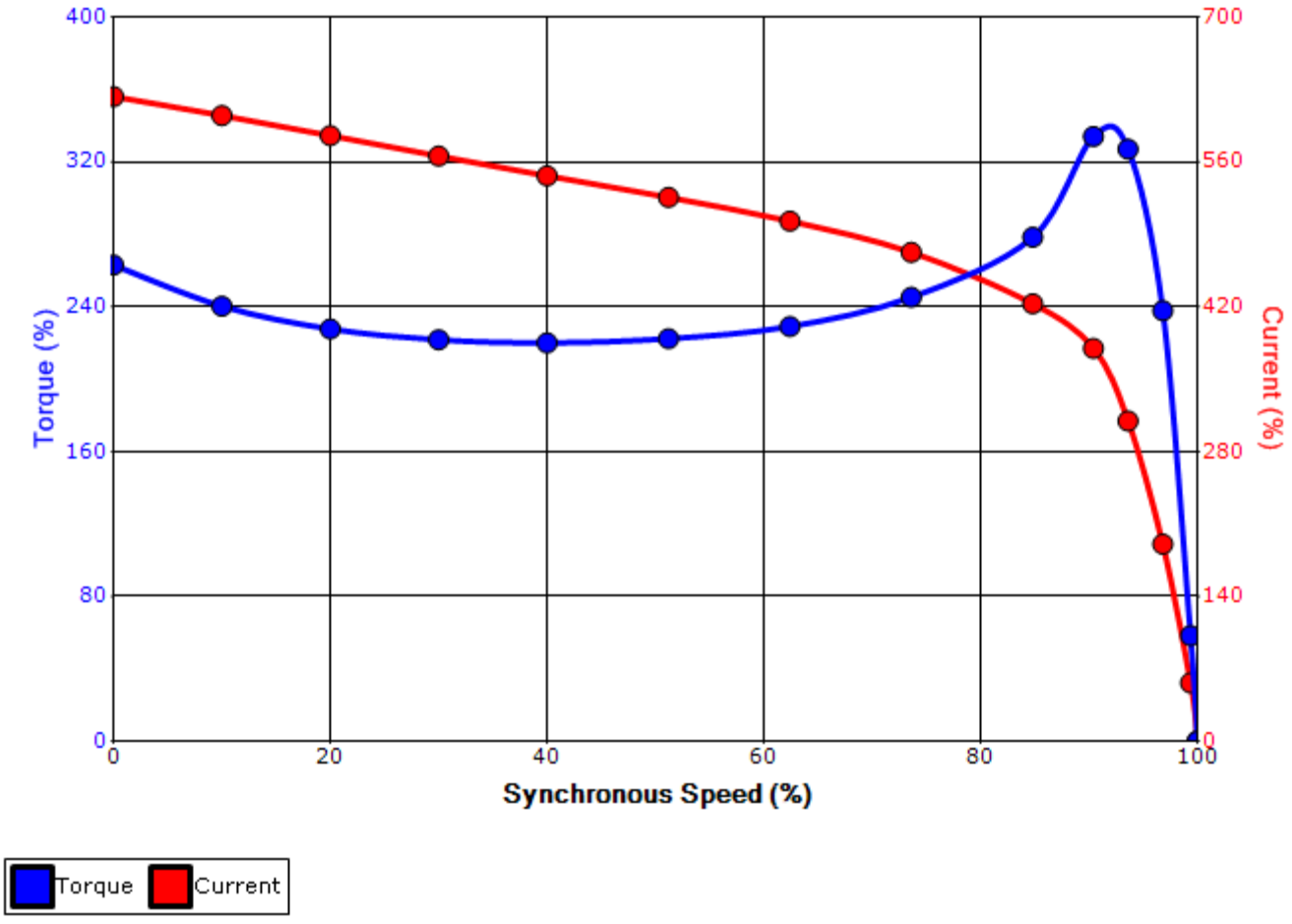
SPEED TORQUE/CURRENT CURVE

Model: 0104XPEA41A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
10	7.5	4	1760	215T	230/460	60	3	26/13
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**NEMA Nom. Eff.**	**NEMA Design**	**kVA Code**	**Ambient (°C)**
TEFC	56	F	1.15	CONT	91.7	B	H	40 C

Locked Rotor Amps	Rotor wk² Inertia (lb-ft²)	Torque			
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)
81.00	1.34	29.8	260	225	330

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.

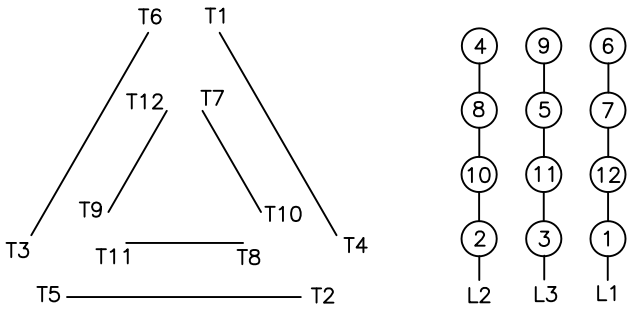
TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.

Engineering	jhock	**Doc. Written By**	D. Suarez	**Doc.# / Rev**	MPCF-1121 / 0
Engr. Date	3/20/2014	**Doc. Approved By**	M. Campbell	**Doc. Issued**	6/8/2011

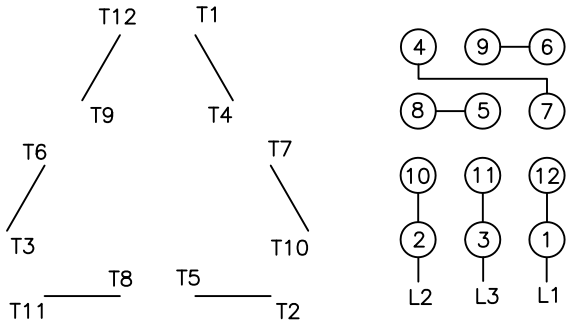
Motor Connection Diagrams
12 Leads

Across-the-Line Starting / Running Connections

Low Voltage Delta



High Voltage Delta



Switch L1 and L2 to reverse rotation

Suitable for Wye–Delta Starting and Limited Part–Winding–Starting.
Please Contact Toshiba International for specific connections.