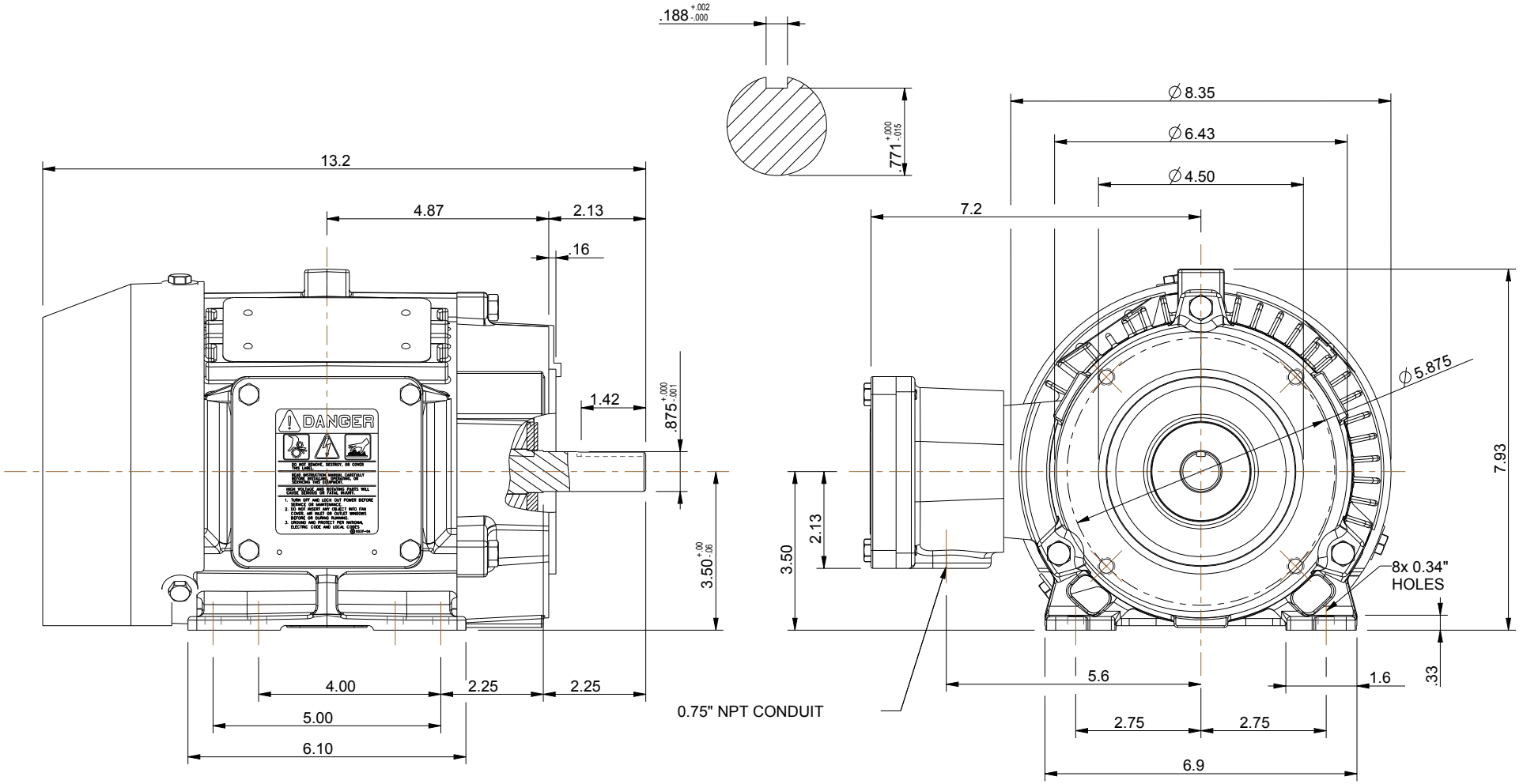


NOTES:
1. MAIN CONDUIT BOX MAY BE ROTATED IN 90° INCREMENTS
2. STANDARD PRODUCT USE BI-DIRECTIONAL FAN. OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE.
3. KEY DIMENSIONS EQUAL 0.188" x 0.188" x 1.38" (MOTOR SUPPLIED WITH KEY)

UNITS: INCHES

140TC TEXP FRAME
F1 C-FLANGE ASSEMBLY

MDSLV802-01

TOSHIBA
TOSHIBA INTERNATIONAL CORPORATION

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

MAXIMUM MOTOR WEIGHT
77 lbs.
35 kgs.

NO	REVISION	DRAWN BY	DATE	CHECK
0	FIRST ISSUE (OVERRIDE D, R, & S DIMS.)	MO	03/14/14	JR

EQP Global XP
XT SERIES

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

www.toshiba.com/ind

Issued Date	7/19/2021	Transmit #	
Issued By	dschoeck	Issued Rev	

TOSHIBA
Leading Innovation >>>

TYPICAL MOTOR PERFORMANCE DATA

Model: 0024XPEC42A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
2	1.5	4	1750	145TC	575	60	3	2.4

Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	56	F	1.15	CONT	86.5	B		40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	2.00	1.5	2.4	86.5	74.7
¾ Load	1.50	1.1	1.8	86.1	67.6
½ Load	1.00	0.7	1.5	83.5	55.3
¼ Load	0.50	0.4	0.9	79.5	48.1
No Load			1.4		7.5
Locked Rotor			18		56.0

Torque				Rotor wk² Inertia
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(lb-ft²)
6.00	255	225	390	0.13

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight
Cold	Hot		DE	NDE	(lbs)
27	20	-	6305ZZC3	6305ZZC3	77

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

Motor Options:
Product Family:EQP Global Explosion Proof
Mounting:C-Face Footed,Shaft:T Shaft

Customer	
Customer PO	
Sales Order	
Project #	

Tag:

All characteristics are average expected values.

Issued Date	7/19/2021	Transmit #	
Issued By	dschoeck	Issued Rev	

TOSHIBA
Leading Innovation >>>

SPEED TORQUE/CURRENT CURVE

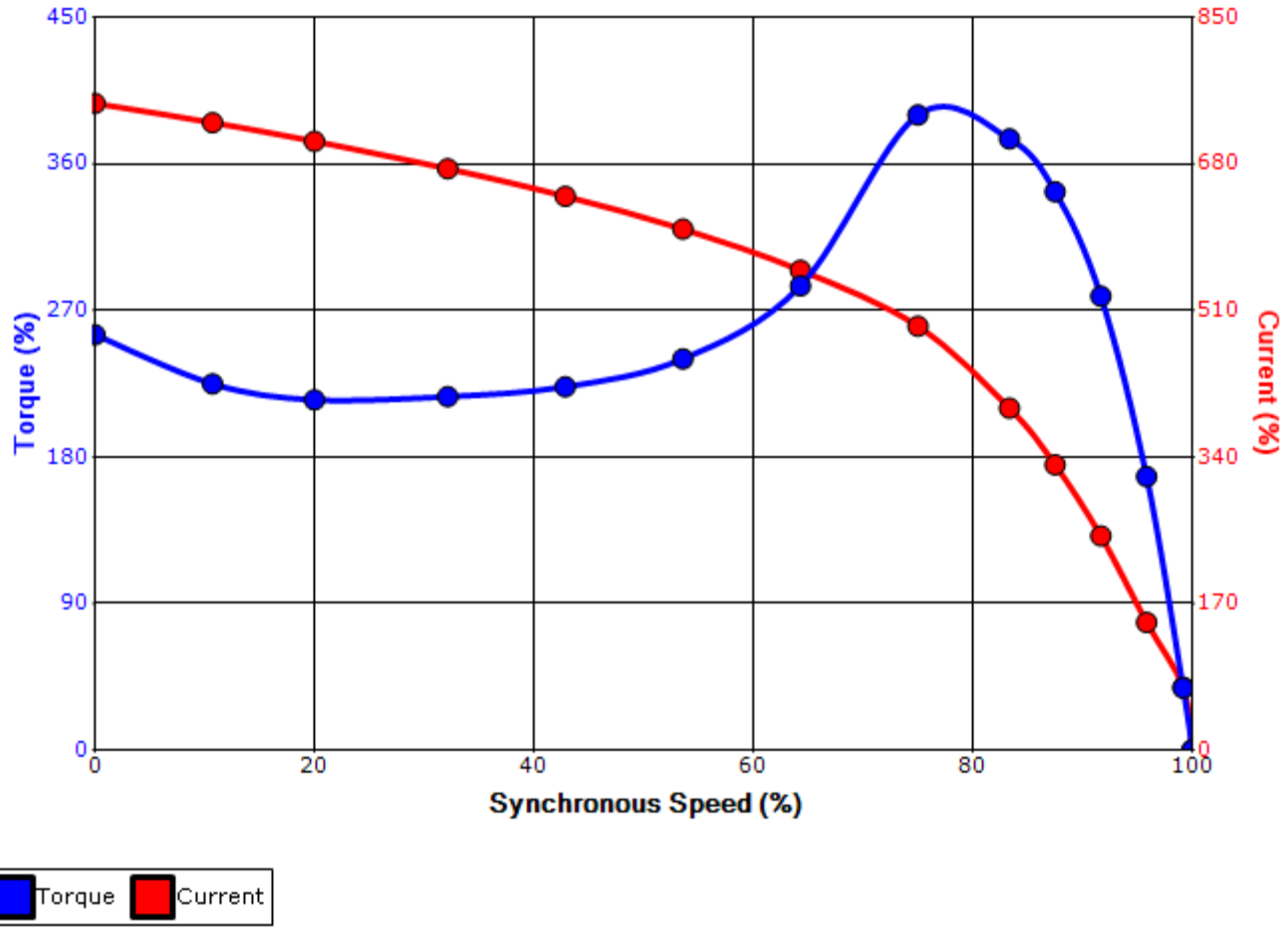
Model: 0024XPEC42A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
2	1.5	4	1750	145TC	575	60	3	2.4

Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	56	F	1.15	CONT	86.5	B		40 C

Locked Rotor Amps	Rotor wk² Inertia (lb-ft²)	Torque			
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)
18	0.13	6.00	255	225	390

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.

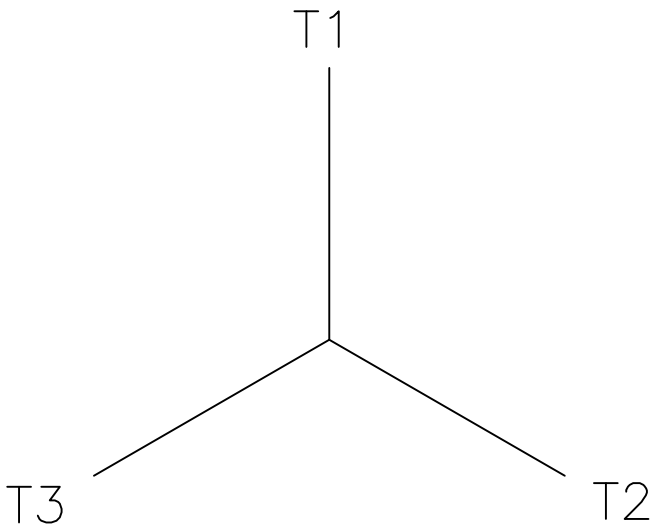
TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.

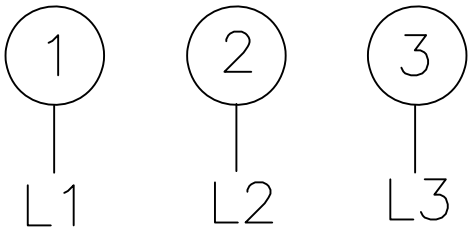
Engineering	jhock	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121 / 0
Engr. Date	6/11/2014	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

TOSHIBA
TOSHIBA INTERNATIONAL CORPORATION

3SY

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.

By: R. Murillo	Date: 4/9/08	Checked:	Date:	Revision 0