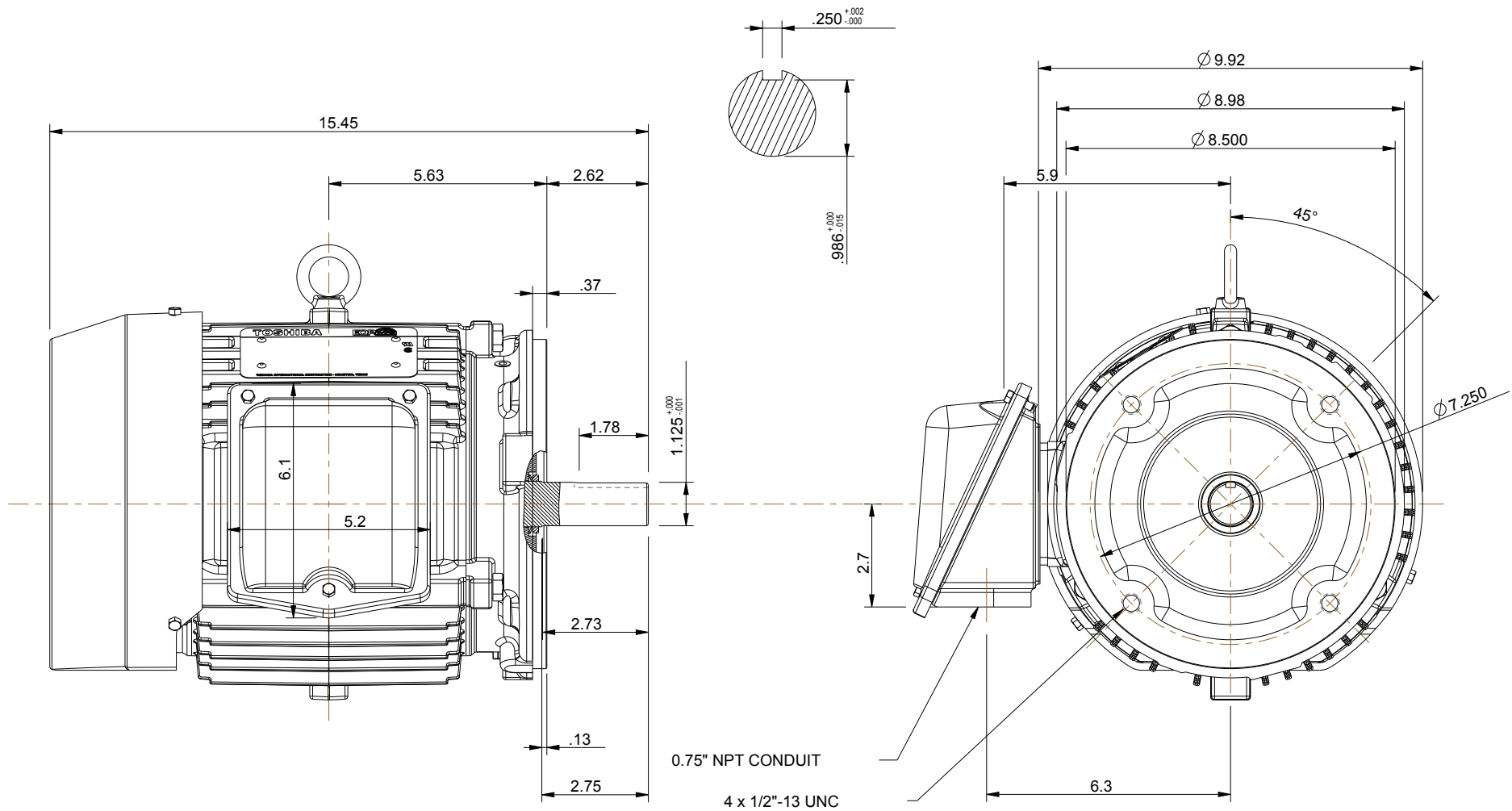




UNITS: INCHES

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180TC TEFC ROUND BODY FRAME F1 ASSEMBLY

MDSL245-02

TOSHIBA

TOSHIBA INTERNATIONAL CORPORATION

TOLERANCES

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

MAXIMUM MOTOR WEIGHT

97 lbs.
44 kgs.

NO	REVISION	DRAWN BY	DATE	CHECK
1	ADDED KEY DIMENSIONS	S. CLANCY	08/07/12	
0	FIRST ISSUE	N. MOMIN	07/19/11	
NO	REVISION			

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 (MOTOR SUPPLIED WITH KEY)

0.750" x 0.750" x 1.75"

EQPGlobal 840
XT SERIES

DRAWN BY: N. MOMIN
CHECK BY: _____
APPROVED BY: _____

www.toshiba.com/ind

TYPICAL MOTOR PERFORMANCE DATA

Model: 0034XSSB44A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
3	2.2	4	1760	182TC	460	60	3	4.00
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	89.5	B	K	40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	3	2.2	4.0	89.5	79.6
¾ Load	2.25	1.7	3.1	88.9	75.0
½ Load	1.50	1.1	2.5	86.7	65.3
¼ Load	0.75	0.6	2.2	78.1	40.9
No Load			1.8		6.6
Locked Rotor			32		55.7

Torque				Rotor wk² Inertia (lb-ft²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
8.95	270	225	390	0.37

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
39.6	31.9	-	6306ZZC3	6306ZZC3	112

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

Motor Options:
Product Family:EQP Global 840
Mounting:C-Face Round,Shaft:T Shaft

Customer	
Customer PO	
Sales Order	
Project #	

Tag:

All characteristics are average expected values.

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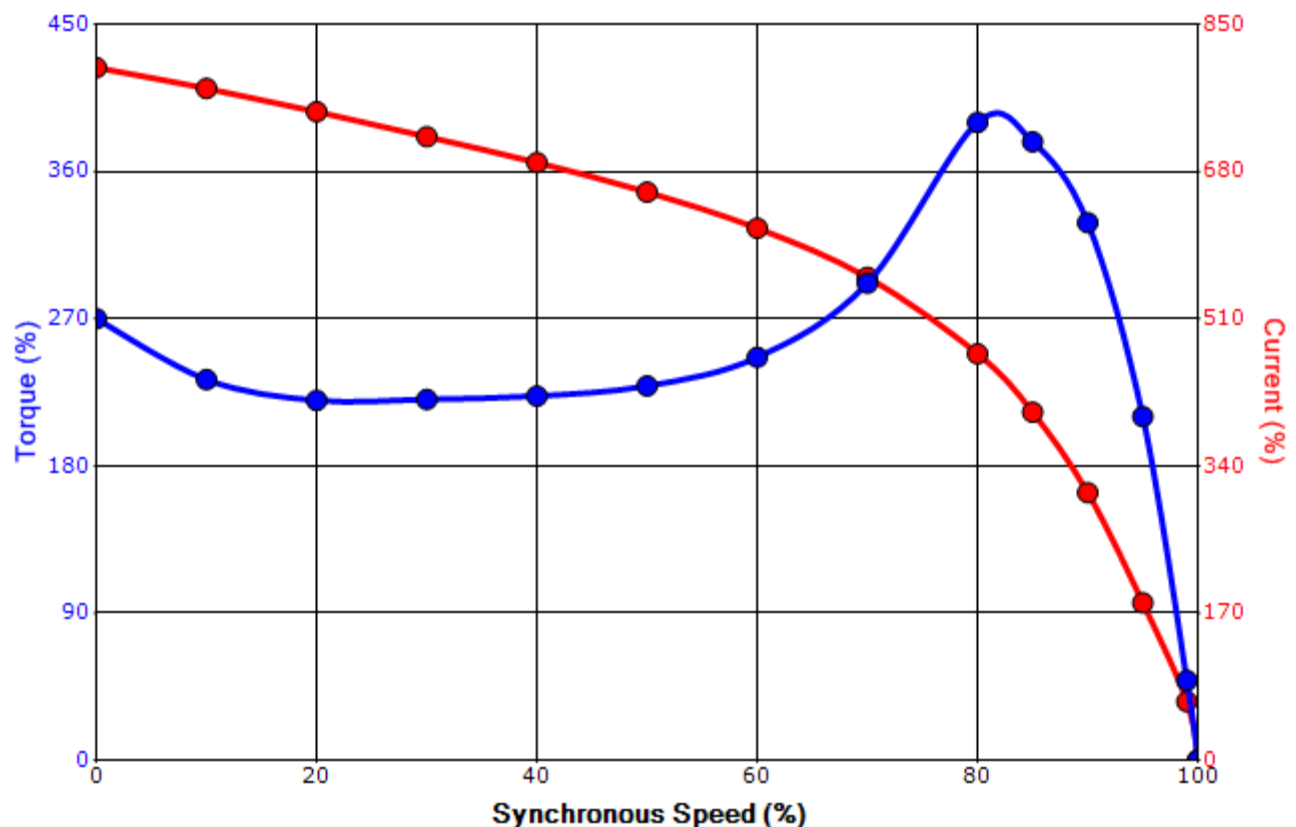
Engineering	jaustin	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	7/7/2014	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

SPEED TORQUE/CURRENT CURVE

Model: 0034XSSB44A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
3	2.2	4	1760	182TC	460	60	3	4.00
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	89.5	B	K	40 C
Locked Rotor Amps	Rotor wk ² Inertia (lb-ft ²)	Torque						
		Full Load (lb-ft)	Locked Rotor (%)		Pull Up (%)		Break Down (%)	
32	0.37	8.95	270		225		390	

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	jaustin	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121 / 0
Engr. Date	7/7/2014	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

Motor Connection Diagram

3 Leads - Wye 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.