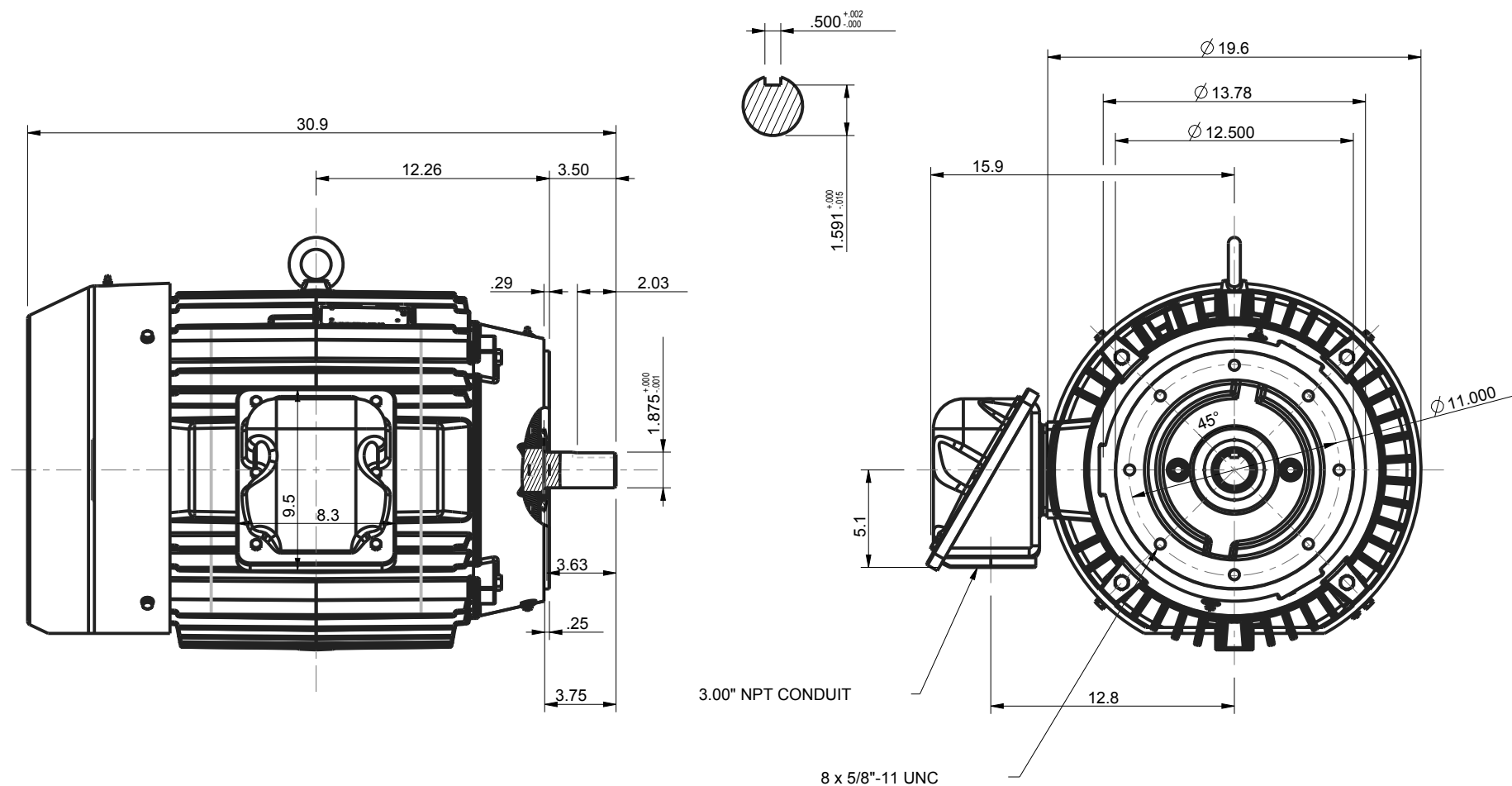




UNITS: INCHES		NOTES: 1. MAIN CONDUIT BOX MAY BE ROTATED IN 90° INCREMENTS 2. STANDARD PRODUCT USES BI-DIRECTIONAL FAN. OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE. 3. KEY DIMENSIONS EQUAL 0.500"x 0.500"x 2.00" (MOTOR SUPPLIED WITH KEY)
ROTATION FROM NDE		
☒ CCW	☐ CW	

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DO NOT USE FOR CONSTRUCTION, INSTALLATION, OR APPLICATION PURPOSES UNLESS THE DRAWING IS MARKED AS CERTIFIED ☒ CERTIFIED

TOSHIBA www.toshiba.com/tic TOSHIBA INTERNATIONAL CORPORATION	MILL & CHEMICAL DUTY EQP Global 840	TOTALLY ENCLOSED FAN COOLED ROUND BODY C-FACED 3 PHASE INDUCTION MOTOR 364TSC-365TSC F1 ASSEMBLY	DRAWING #: MDSL246-07 REV. DATE: 07/13/18 REV. #: 2 PER.: M. O'DOWD REV. DESCRIP.:

TYPICAL MOTOR PERFORMANCE DATA

Model: 0752XSSB44B-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
75	55	2	3550	365TSC	460	60	3	86.00
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	93.6	B	G	40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	75	55.9	86.0	93.6	89.3
¾ Load	56.25	41.9	64.7	93.2	88.6
½ Load	37.50	28.0	45.7	91.6	84.7
¼ Load	18.75	14.0	28.9	86.6	70.1
No Load			21.0		
Locked Rotor			542		

Torque				Rotor wk² Inertia (lb-ft²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
111	215	185	270	12.57

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
15.2	7.9	-	6312C3	6312C3	0

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

Motor Options:

Mounting:C-Face Round,Shaft:TS Shaft

Customer		
Customer PO		
Sales Order		
Project #		

Tag:

All characteristics are average expected values.

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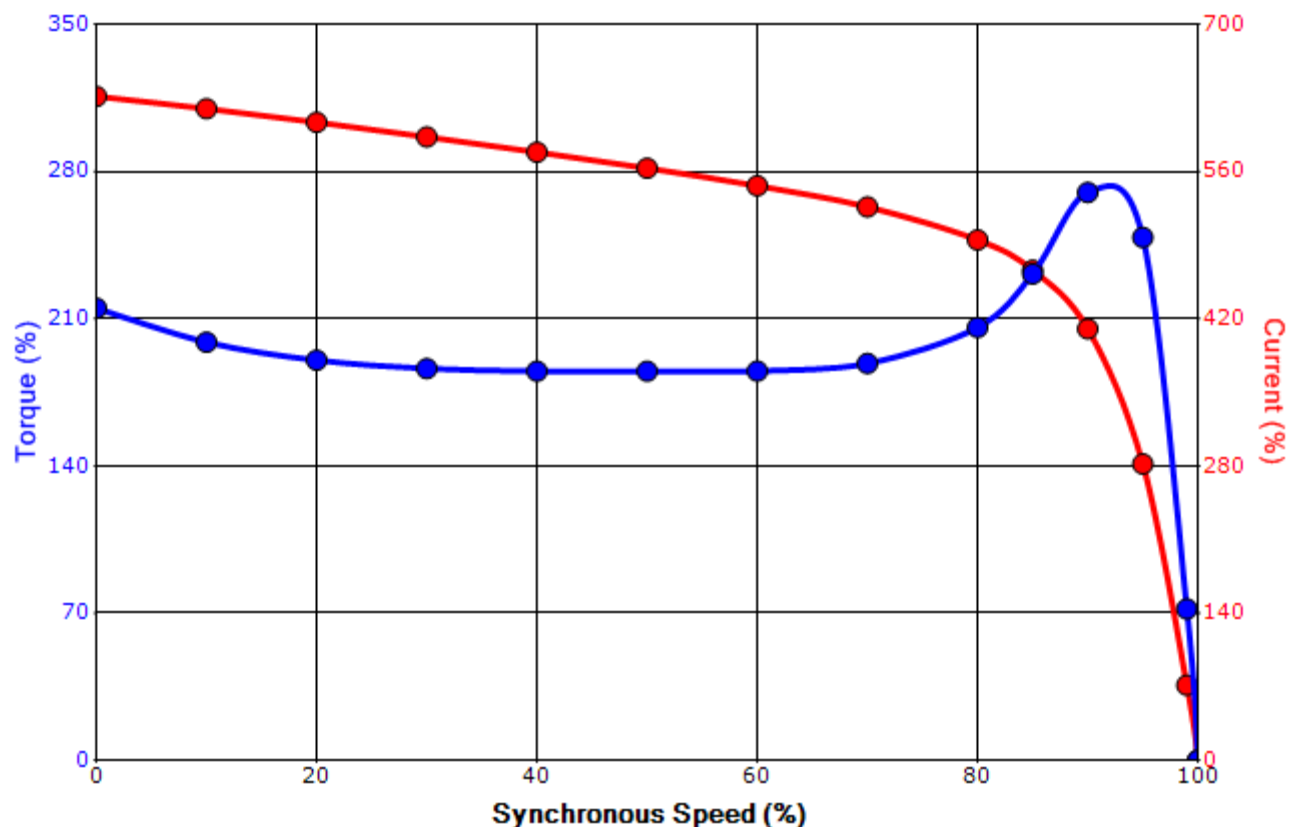
Engineering	jaustin	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	7/7/2014	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

SPEED TORQUE/CURRENT CURVE

Model: 0752XSSB44B-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
75	55	2	3550	365TSC	460	60	3	86.00
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	93.6	B	G	40 C
Locked Rotor Amps	Rotor wk ² Inertia (lb-ft ²)	Torque						
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)		Break Down (%)		
542	12.57	111	215	185		270		

Design Values



Customer		wk ² Load Inertia (lb-ft ²)	-
Customer PO		Load Type	-
Sales Order		Voltage (%)	100
Project #		Accel. Time	-

Tag:

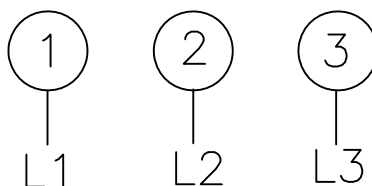
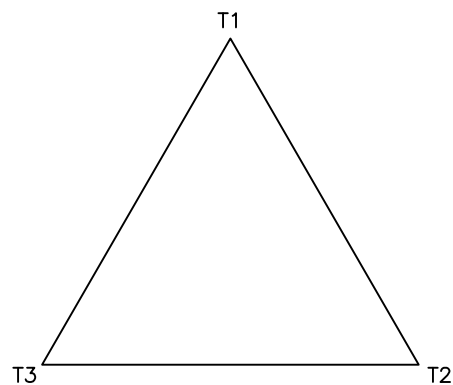
All characteristics are average expected values.

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 - 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.