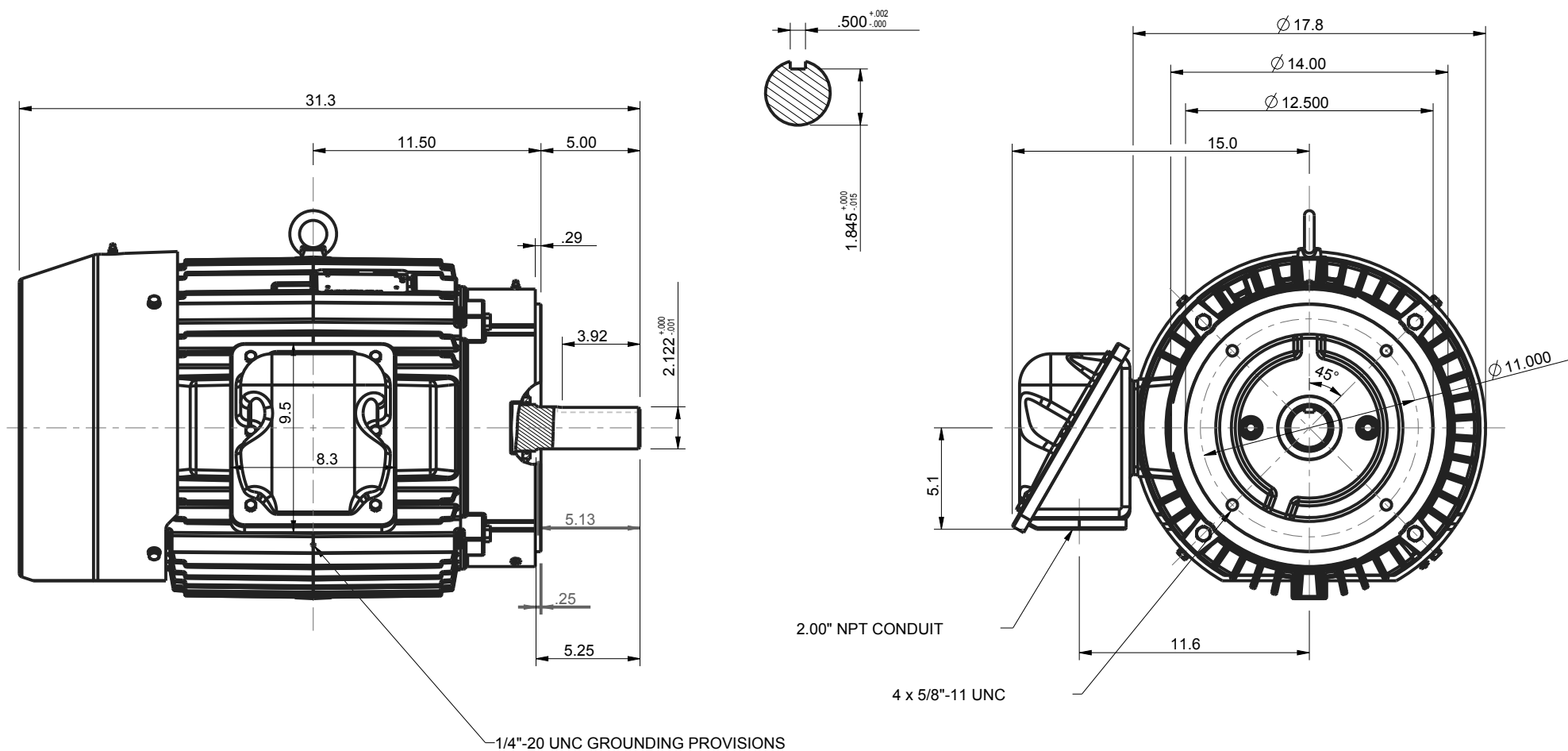




UNITS: INCHES		NOTES: 1. MAIN CONDUIT BOX MAY BE ROTATED IN 90° INCREMENTS 2. STANDARD PRODUCT USES BI-DIRECTIONAL FAN. OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE. 3. KEY DIMENSIONS EQUAL 0.500"x 0.500"x 3.88" (MOTOR SUPPLIED WITH KEY)
ROTATION FROM NDE		
 CCW	 CW	

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TOSHIBA www.toshiba.com/tic TOSHIBA INTERNATIONAL CORPORATION	PETRO-CHEMICAL DUTY EQP Global 841	TOTALLY ENCLOSED FAN COOLED ROUND BODY C-FACED 3 PHASE INDUCTION MOTOR 324TC-326TC F1 ASSEMBLY	DRAWING #: MDSLV285-06 REV. DATE: 07/11/18 REV. #: 2 PER.: M. O'DOWD REV. DESCRIP.:

TYPICAL MOTOR PERFORMANCE DATA

Model: 0256XDSB44A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
25	18.5	6	1180	324TC	460	60	3	31.00
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	56	F	1.15	CONT	93	B	G	40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	25	18.6	31.0	93.3	81.4
¾ Load	18.75	14.0	24.4	93.1	78.1
½ Load	12.50	9.3	18.9	91.7	68.8
¼ Load	6.25	4.7	14.8	85.1	46.2
No Load			12.4		
Locked Rotor			182.5		

Torque				Rotor wk² Inertia (lb-ft²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
111	245	215	290	11.30

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
35.1	22.7	-	6312C3	6312C3	653

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

Motor Options:

Mounting:C-Face Round,Shaft:T Shaft

Customer		
Customer PO		
Sales Order		
Project #		

Tag:

All characteristics are average expected values.

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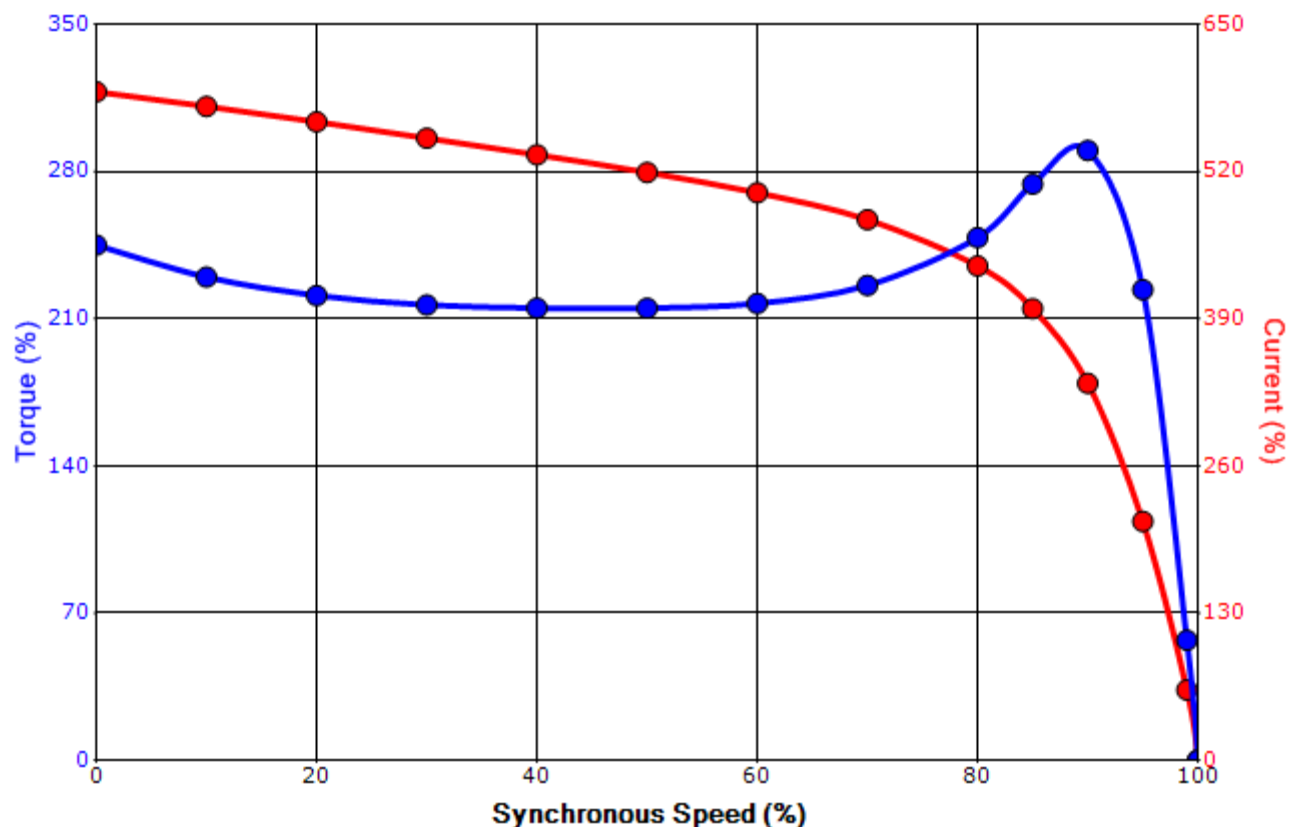
Engineering	jaustin	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	7/7/2014	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

SPEED TORQUE/CURRENT CURVE

Model: 0256XDSB44A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
25	18.5	6	1180	324TC	460	60	3	31.00
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	56	F	1.15	CONT	93	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 (%)		
182.5	11.30	111	245	215		290		

Design Values



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

Tag:

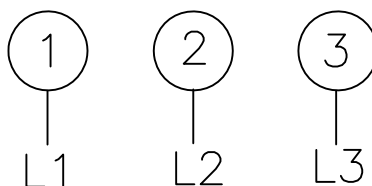
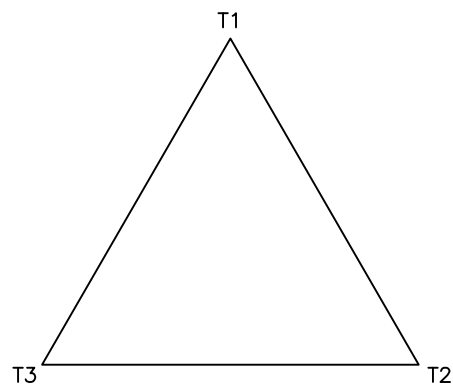
All characteristics are average expected values.

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.