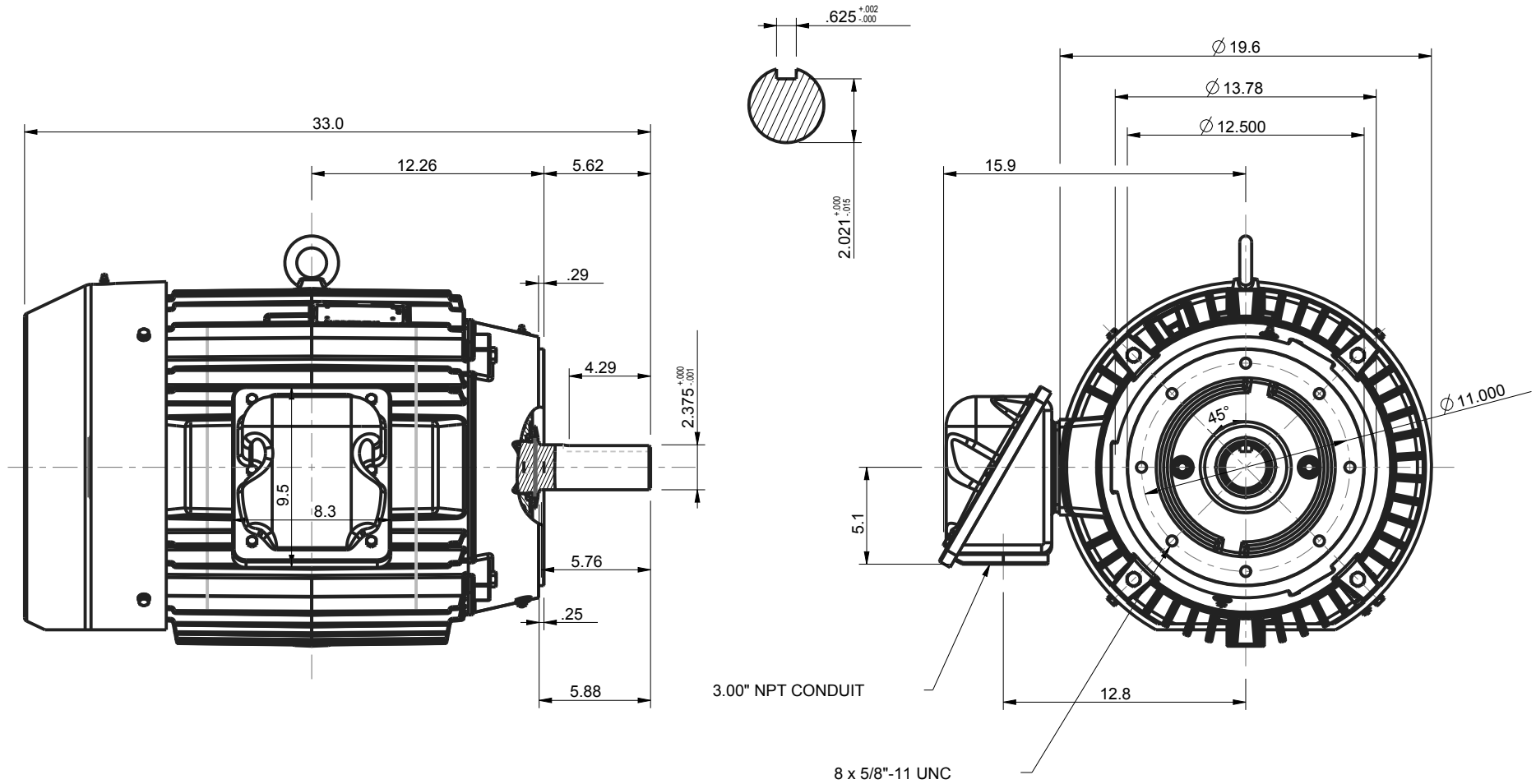




UNITS: INCHES		NOTES: 1. MAIN CONDUIT BOX MAY BE ROTATED IN 90° INCREMENTS 2. STANDARD PRODUCT USES BI-DIRECTIONAL FAN. OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE. 3. KEY DIMENSIONS EQUAL 0.625"x 0.625"x 4.25" (MOTOR SUPPLIED WITH KEY)
ROTATION FROM NDE		
☒ CCW	☐ CW	

TOSHIBA RESERVES THE RIGHT TO MAKE CHANGES OF TECHNICAL IMPROVEMENT AND THE DATA MAY CHANGE WITHOUT NOTICE ☐ PRELIMINARY

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		TOTALLY ENCLOSED FAN COOLED ROUND BODY C-FACED 3 PHASE INDUCTION MOTOR 364TC-365TC F1 ASSEMBLY	DRAWING #: MDSL245-07 REV. DATE: 07/13/18 REV. #: 2 PER.: M. O'DOWD REV. DESCRIP.:

TYPICAL MOTOR PERFORMANCE DATA

Model: 0406XSSC44A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
40	30	6	1180	364TC	575	60	3	38.00
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	94.1	B	G	40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	40	29.8	38.0	94.1	84.5
¾ Load	30.00	22.4	29.8	94.0	81.4
½ Load	20.00	14.9	22.5	93.0	73.5
¼ Load	10.00	7.5	17.0	88.4	49.8
No Load			12.7		
Locked Rotor			232		

Torque				Rotor wk² Inertia (lb-ft²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
178	195	175	265	17.67

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
35	15	-	6314C3	6312C3	0

*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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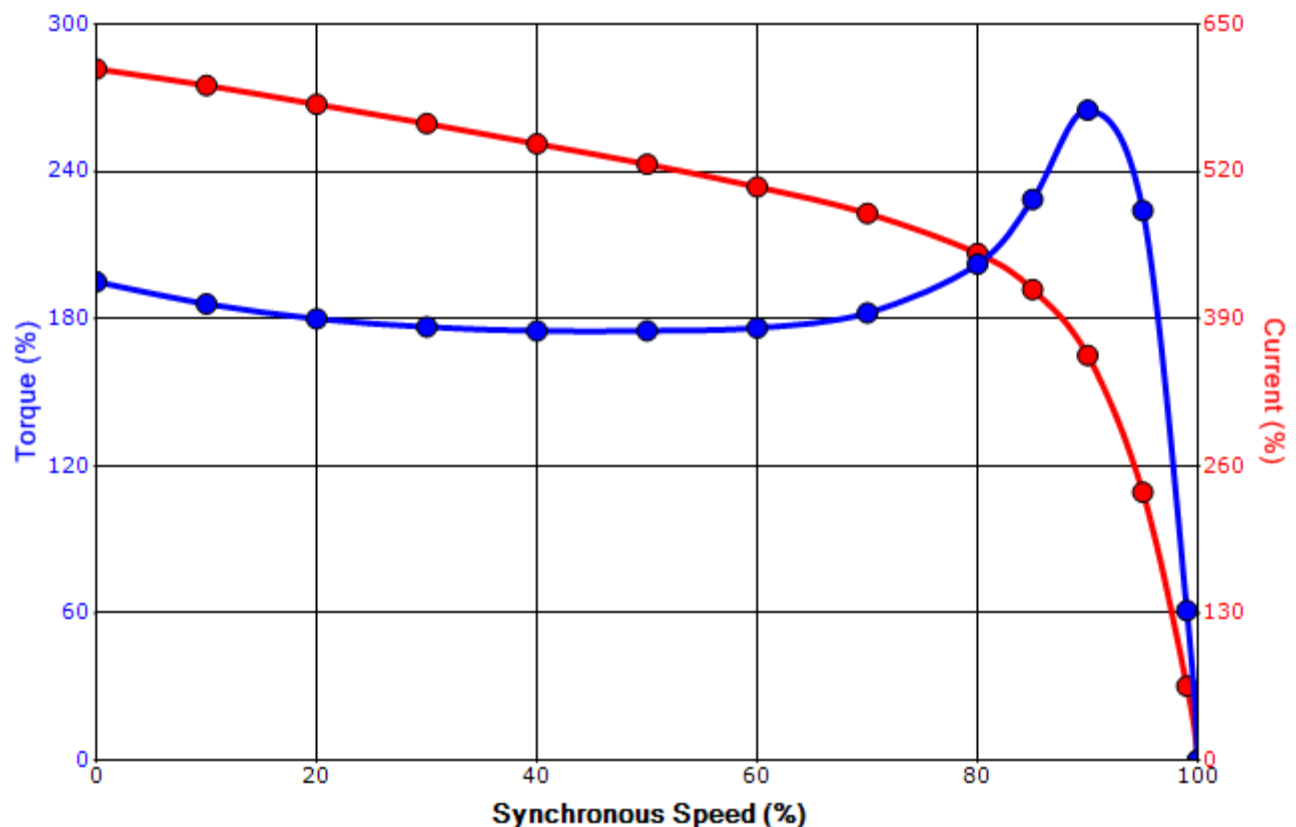
Engineering	garce	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	8/21/2015	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

SPEED TORQUE/CURRENT CURVE

Model: 0406XSSC44A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
40	30	6	1180	364TC	575	60	3	38.00
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	94.1	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 (%)		
232	17.67	178	195	175		265		

Design Values



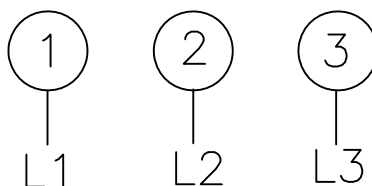
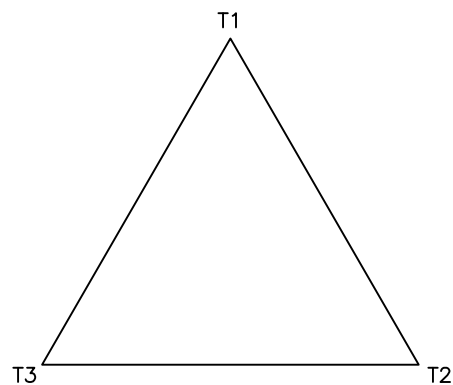
Customer		wk ² Load Inertia (lb-ft ²)	-
Customer PO		Load Type	-
Sales Order		Voltage (%)	100
Project #		Accel. Time	-

Tag:

All characteristics are average expected values.

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

Engineering	garce	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121 / 0
Engr. Date	8/21/2015	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.