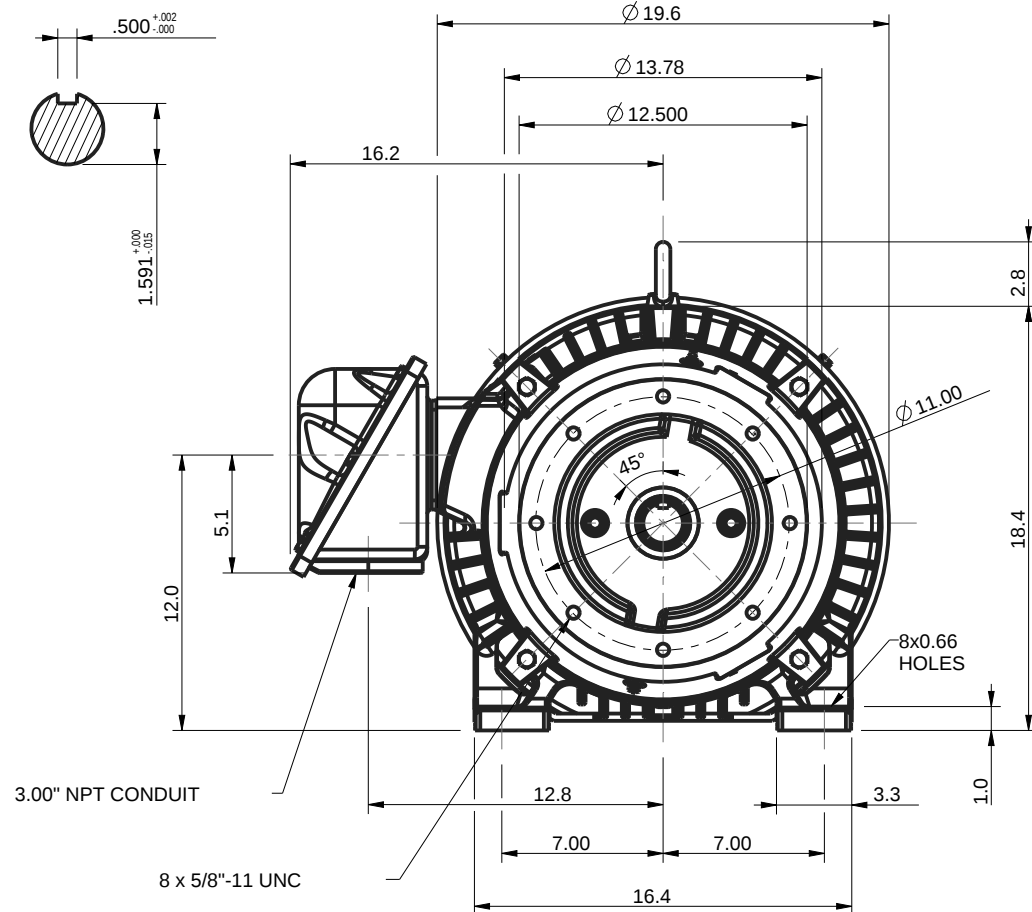
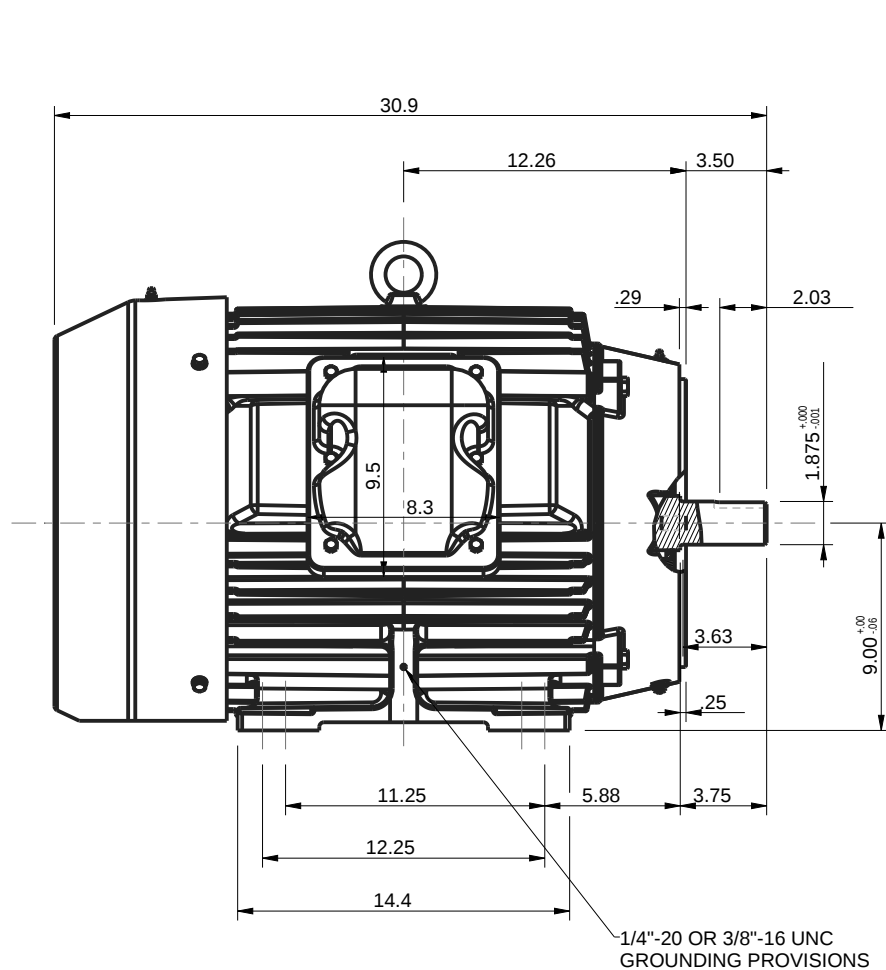
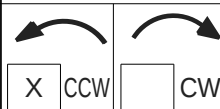




UNITS: INCHES

ROTATION FROM NDE



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)

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

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TOSHIBA INTERNATIONAL CORPORATION



TOTALLY ENCLOSED FAN COOLED
FOOTED C-FACED
3 PHASE INDUCTION MOTOR
364TSC-365TSC F1 ASSEMBLY

DRAWING #: MDSLV086-07

REV. DATE: 07/17/18 REV. #: 3 PER.: M. O'DOWD

REV. DESCRIP.:



Issued Date 9/24/2019

Transmit #

Issued By dschoeck

Issued Rev

TYPICAL MOTOR PERFORMANCE DATA

Model: 0602XDSB42B-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
60	45	2	3550	364TSC	460	60	3	69
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	56	F	1.15	CONT	93.6	B	G	40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	60	44.7	69.0	93.6	89.9
¾ Load	45.00	33.6	51.7	93.0	88.5
½ Load	30.00	22.4	36.8	91.1	84.6
¼ Load	15.00	11.2	23.7	85.2	69.3
No Load			15.1		9.2
Locked Rotor			434		35.4

Torque				Rotor wk² Inertia (lb-ft²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
88.8	200	175	255	11.25

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
18.4	10.4	-	6312C3	6312C3	911

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

Motor Options:

Product Family:EQP Global 841 CFace Footed
Mounting:C-Face Footed,Shaft:TS Shaft

Customer		
Customer PO		
Sales Order		
Project #		

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-1119 / 1
Engr. Date	7/7/2014	Doc. Approved By	M. Campbell	Doc. Issued	9/20/2019

TOSHIBA

Issued Date 9/24/2019

Transmit #

Issued By dschoeck

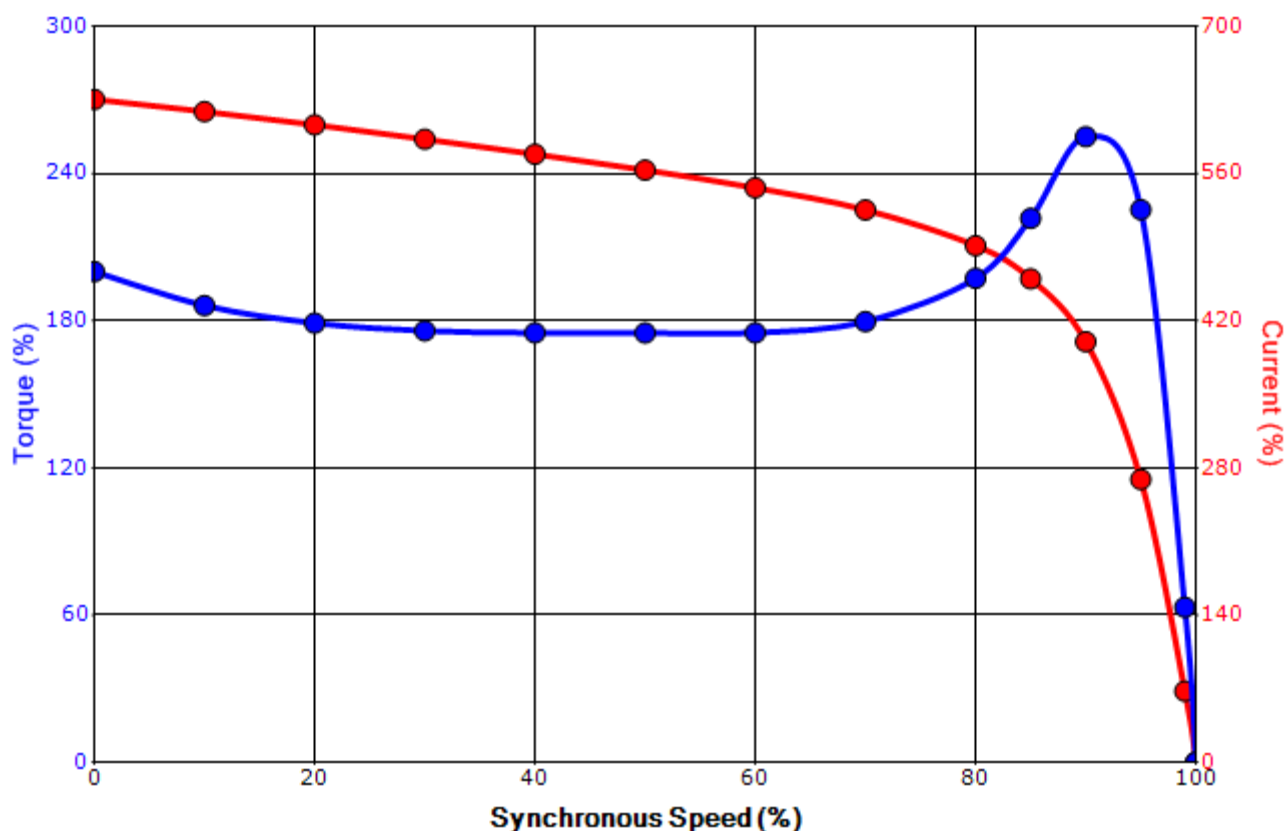
Issued Rev

SPEED TORQUE/CURRENT CURVE

Model: 0602XDSB42B-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
60	45	2	3550	364TSC	460	60	3	69
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	56	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 (%)		
434	11.25	88.8	200	175		255		

Design Values



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

Tag:

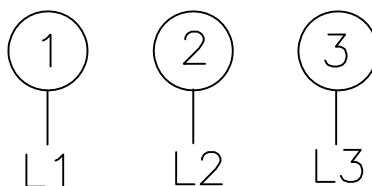
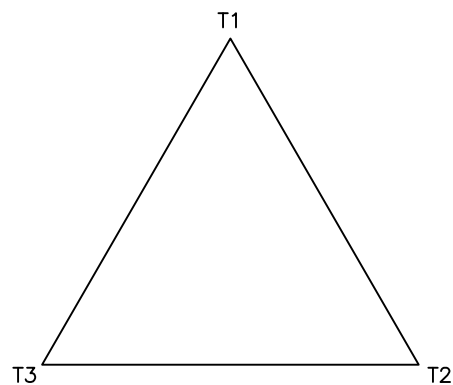
All characteristics are average expected values.

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

Engineering	jaustin	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121/1
Engr. Date	7/7/2014	Doc. Approved By	M. Campbell	Doc. Issued	9/20/2019

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.