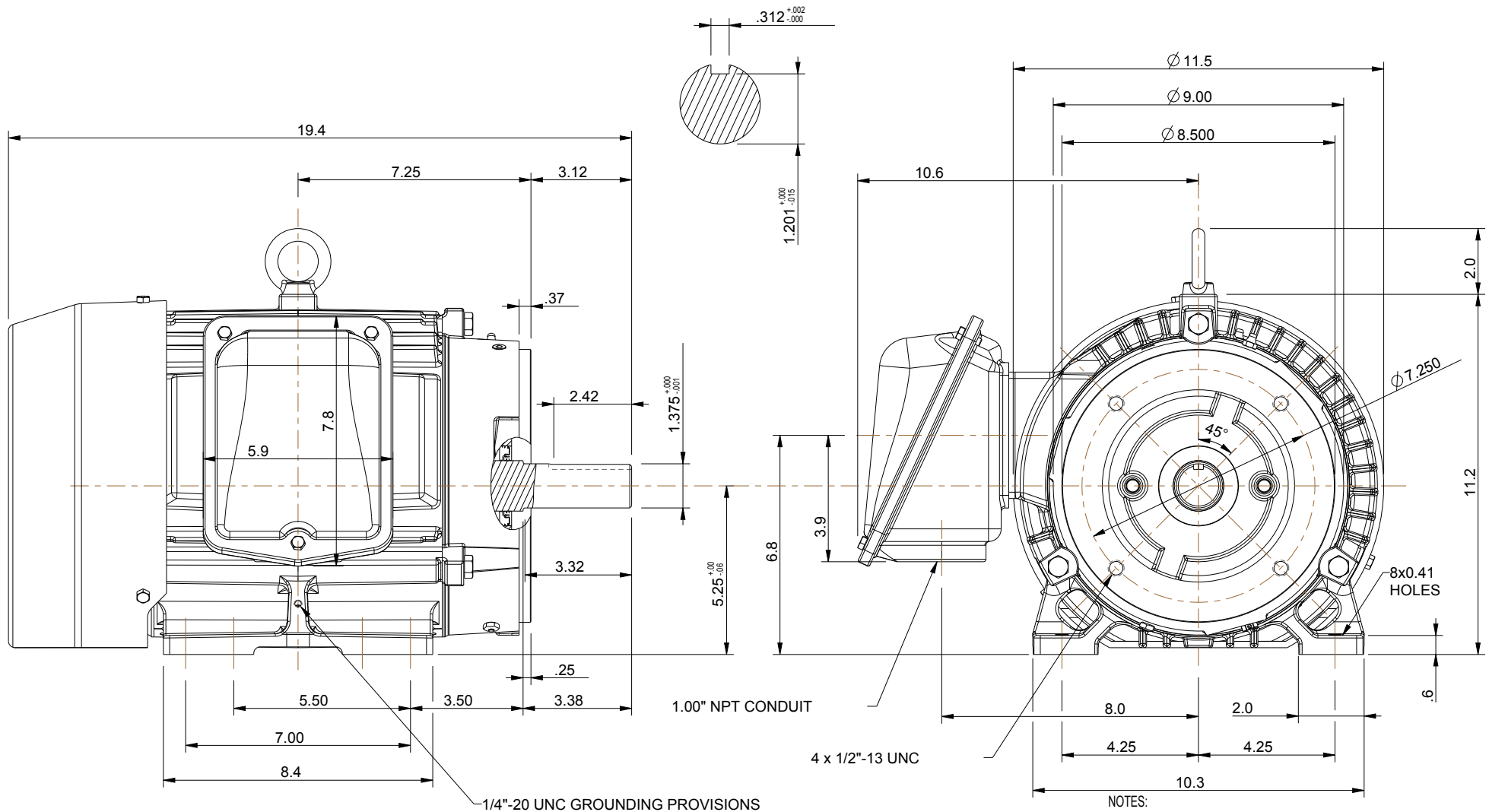




UNITS: INCHES

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210TC TEFC FRAME F1 ASSEMBLY	TOLERANCES .X .1 .XX .03 .XXX .005 .XXXX .0005																								
MDSLV085-03	MAXIMUM MOTOR WEIGHT 186 lbs. 84 kgs.																								
TOSHIBA TOSHIBA INTERNATIONAL CORPORATION		0	FIRST ISSUE (OVERRIDE 'S' DIM. VALUE)	NO	REVISION	N. MOMIN	12/28/10	JR	CHECK																



DRAWN BY: N. MOMIN
CHECK BY: J. RUSSELL
APPROVED BY: _____
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TYPICAL MOTOR PERFORMANCE DATA

Model: 0104XDSB42A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
10	7.5	4	1760	215TC	460	60	3	13
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	56	F	1.15	CONT	91.7	B	H	40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	10	7.5	13.0	91.8	80.2
¾ Load	7.50	5.6	10.1	91.1	76.4
½ Load	5.00	3.7	7.8	89.1	67.5
¼ Load	2.50	1.9	6.1	81.7	46.3
No Load			5.7		
Locked Rotor			81.00		

Torque				Rotor wk² Inertia (lb-ft²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
29.8	260	225	330	1.34

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
33.9	23.3	-	6308C3	6308C3	

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

Motor Options:

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

Customer	
Customer PO	
Sales Order	
Project #	

Tag:

All characteristics are average expected values.

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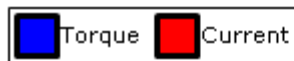
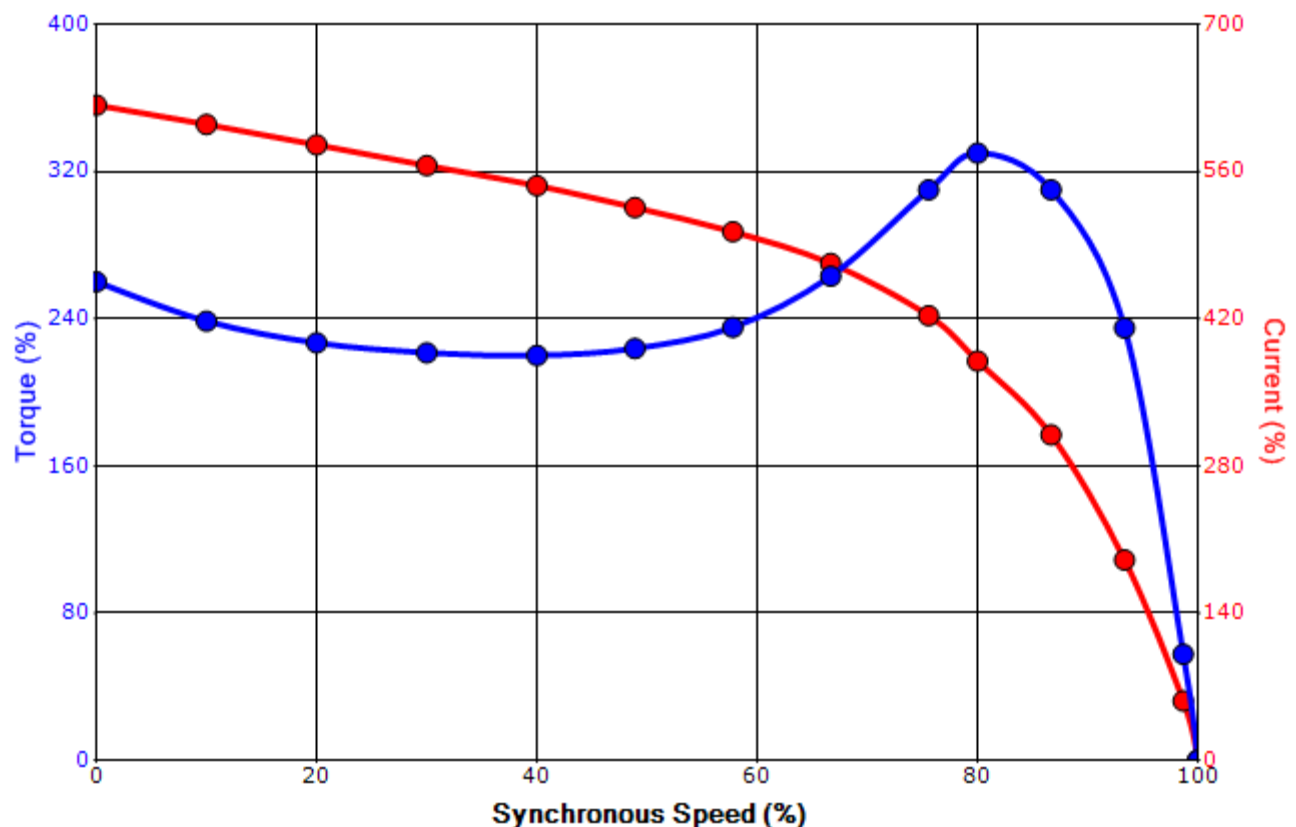
Engineering	jaustin	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	7/7/2014	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

SPEED TORQUE/CURRENT CURVE

Model: 0104XDSB42A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
10	7.5	4	1760	215TC	460	60	3	13
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	56	F	1.15	CONT	91.7	B	H	40 C
Locked Rotor Amps	Rotor wk ² Inertia (lb-ft ²)	Torque						
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)		Break Down (%)		
81.00	1.34	29.8	260	225		330		

Design Values



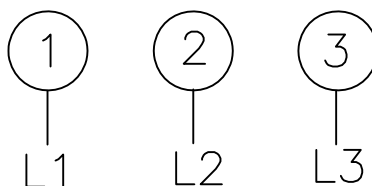
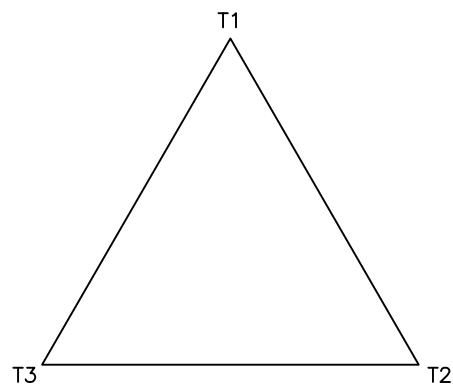
Customer			wk ² Load Inertia (lb-ft ²)	-
Customer PO			Load Type	-
Sales Order			Voltage (%)	100
Project #			Accel. Time	-

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.