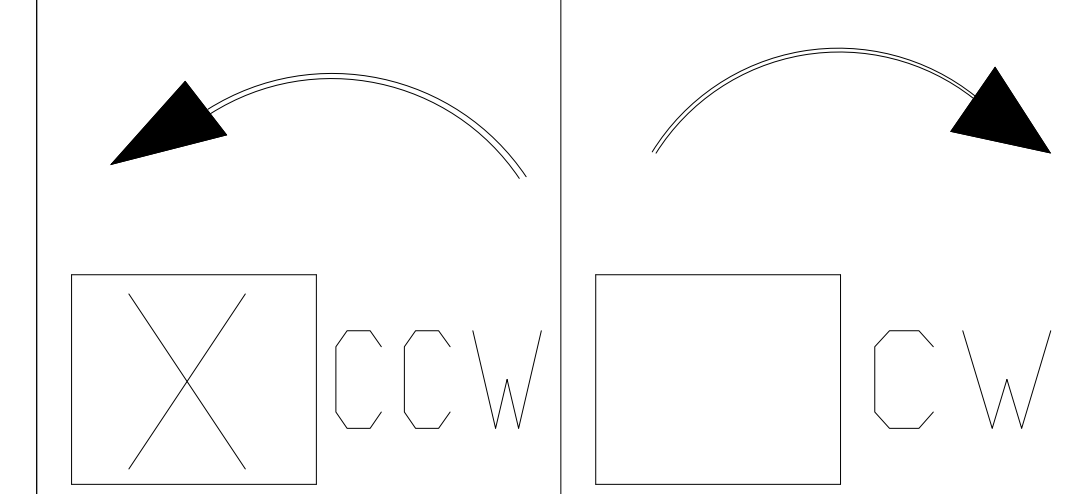


UNITS: INCHES

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 7/8"-7/8"-6 7/8"(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 MILL & CHEMICAL DUTY **EQP Global 840**
www.toshiba.com/tic
TOSHIBA INTERNATIONAL CORPORATION

TOTALLY ENCLOSED FAN COOLED
HORIZONTAL FOOT MOUNT
3 PHASE INDUCTION MOTOR
S444/5T F1 ASSEMBLY

DRAWING #: MDSL701-01
REV. DATE: Dec-06-18 REV. #: 0 PER.: CONG HIEU
REV. DESCRIP: _____

TYPICAL MOTOR PERFORMANCE DATA

Model: 1006XSSC41A-PR

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
100	75	6	1190	S444T	575	60	3	95
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	56			CONT	95.4	A		

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	100.00	74.6	95	95.5	82.6
¾ Load	75.00	55.9	72	94.9	81.1
½ Load	50.00	37.3	52	93.4	76.3
¼ Load	25.00	18.6	35	88.6	60.2
No Load			26.2		
Locked Rotor			612		21.7

Torque				Rotor wk² Inertia (lb-ft²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
441	145	115	255	100.58

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
35	15		NU318C3	6316C3	

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

Motor Options:
Mounting:Footed,Shaft:T Shaft

Customer	
Customer PO	
Sales Order	
Project #	

Tag:

All characteristics are average expected values.

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

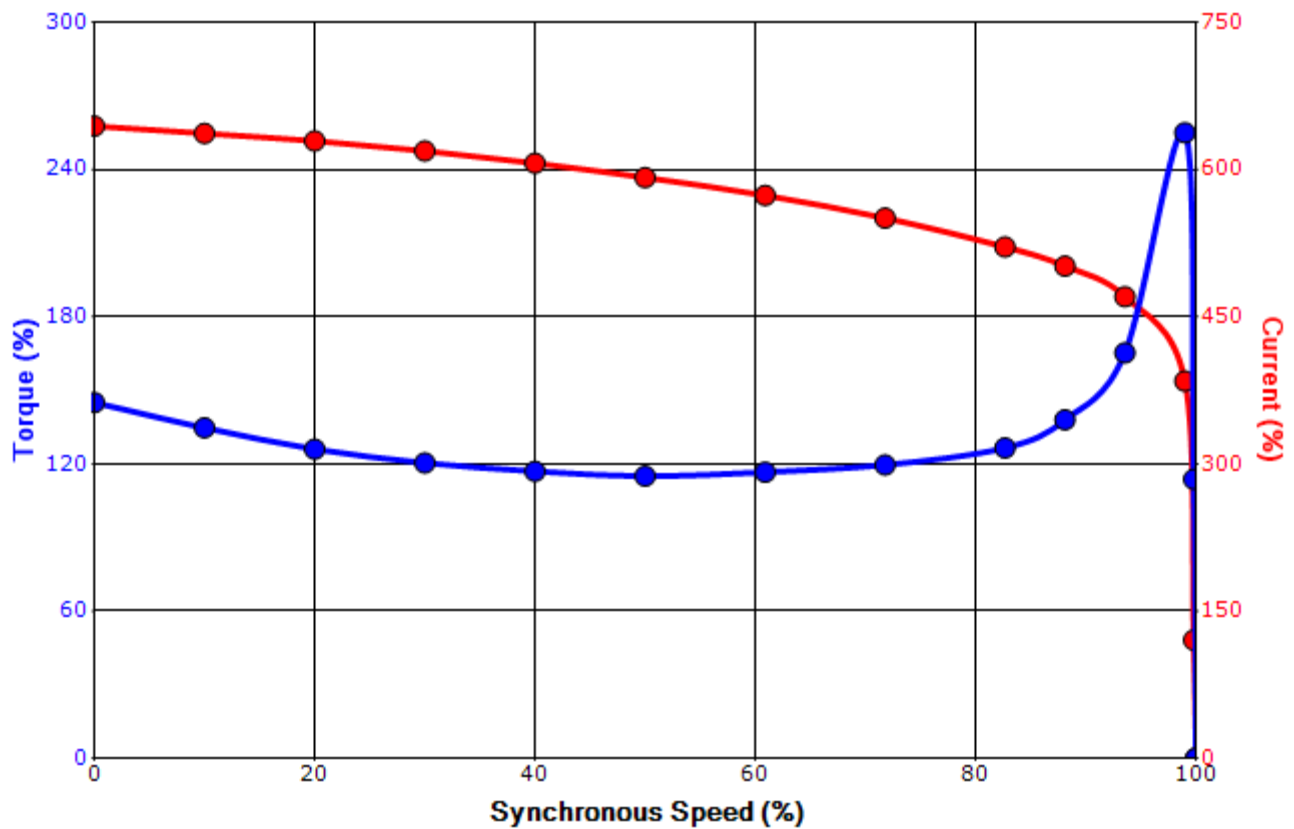
Engineering	SSuryani	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	6/2/2020	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

SPEED TORQUE/CURRENT CURVE

Model: 1006XSSC41A-PR

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
100	75	6	1190	S444T	575	60	3	95
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	56			CONT	95.4	A		
Locked Rotor Amps	Rotor wk ² Inertia (lb-ft ²)	Torque						Break Down (%)
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)				
612	100.58	441	145	115			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	SSuryani	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121 / 0
Engr. Date	6/2/2020	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011