

UNITS: INCHES  
 ROTATION FROM NDE

NOTES CONTINUED:  
 4. AIR DEFLECTOR STANDARD ONLY ON 6/8 POLE MOTORS & 4 POLE MOTORS WITH ROLLER BEARING

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 0.75x0.75x5.62 (MOTOR SUPPLIED WITH KEY)

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

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MILL & CHEMICAL DUTY  
**EQP Global 840**

TOTALLY ENCLOSED FAN COOLED  
 HORIZONTAL FOOT MOUNT  
 3 PHASE INDUCTION MOTOR  
 404T/405T      F1 ASSEMBLY

DRAWING #: MDSL041-08  
 REV. DATE: 08/17/23    REV. #: 5    PER.: S.NGO  
 REV. DESCRIP.: ADDED NOTE FOR AIR DEFLECTOR

**TYPICAL MOTOR PERFORMANCE DATA**

Model: 0606XSSC41A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
60	45	6	1180	400T	575	60	3	58
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	56	F	1.15	CONT	94.5	B		40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	60.00	44.7	58	94.5	81.9
¾ Load	45.00	33.6	45	94.2	78.3
½ Load	30.00	22.4	34	92.8	69.5
¼ Load	15.00	11.2	26	87.7	48.5
No Load			19.2		4.9
Locked Rotor			335		30.8

Torque				Rotor wk <sup>2</sup> Inertia (lb-ft <sup>2</sup> )
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
267	180	170	230	30.94

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
31	20		6317C3	6313C3	

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

**Motor Options:**  
Product Family:EQP Global 840  
Mounting:Footed,Shaft:T Shaft

Customer	
Customer PO	
Sales Order	
Project #	

Tag:

All characteristics are average expected values.

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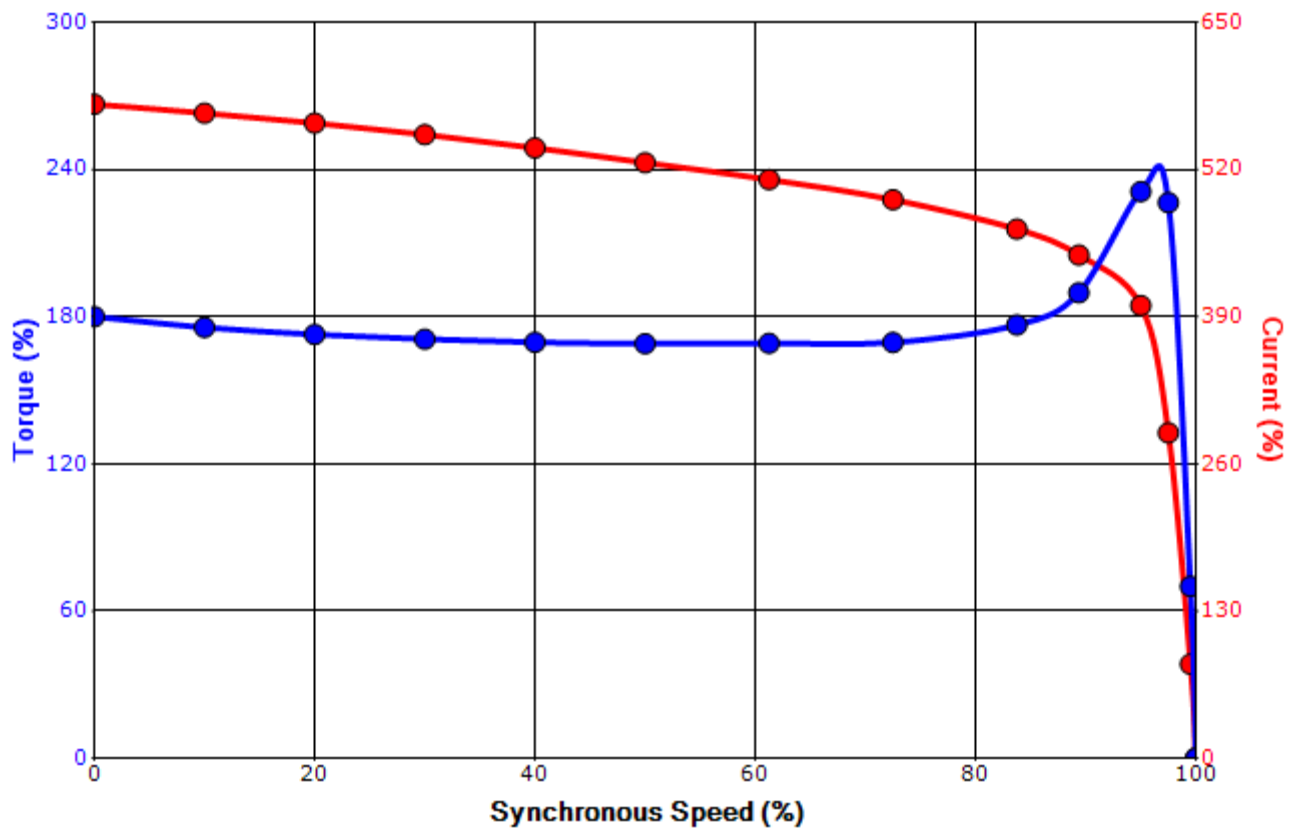
Engineering	bmmammen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	11/15/2018	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

**SPEED TORQUE/CURRENT CURVE**

Model: 0606XSSC41A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
60	45	6	1180	400T	575	60	3	58
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	56	F	1.15	CONT	94.5	B		40 C
Locked Rotor Amps	Rotor wk <sup>2</sup> Inertia (lb-ft <sup>2</sup> )	Torque						Break Down (%)
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)				
335	30.94	267	180	170			230	

**Design Values**



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

Tag:

All characteristics are average expected values.

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Engineering	bmmamen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121 / 0
Engr. Date	11/15/2018	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.