

TYPICAL MOTOR PERFORMANCE DATA

Model: B0608FLF3USH

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
60	45	8	888	405T	230/460	60	3	196/98
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	44	F	1.15	CONT	93.6	-	G	40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	60	44.7	98.0	93.6	62.0
¾ Load	45.00	33.6	95.7	92.1	47.8
½ Load	30.00	22.4	78.4	90.2	39.7
¼ Load	15.00	11.2	42.1	88.4	37.7
No Load			71.5		1.8
Locked Rotor			473.00		31.6

Torque				Rotor wk ²
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	Inertia (lb-ft ²)
355	185	165	240	37.03

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
32	15	-	6317C3	6313C3	

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

Motor Options:
Product Family:EQPIII
Mounting:Footed,Shaft:T Shaft

Customer	
Customer PO	
Sales Order	
Project #	

Tag:

All characteristics are average expected values.

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Engineering	aacosta	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
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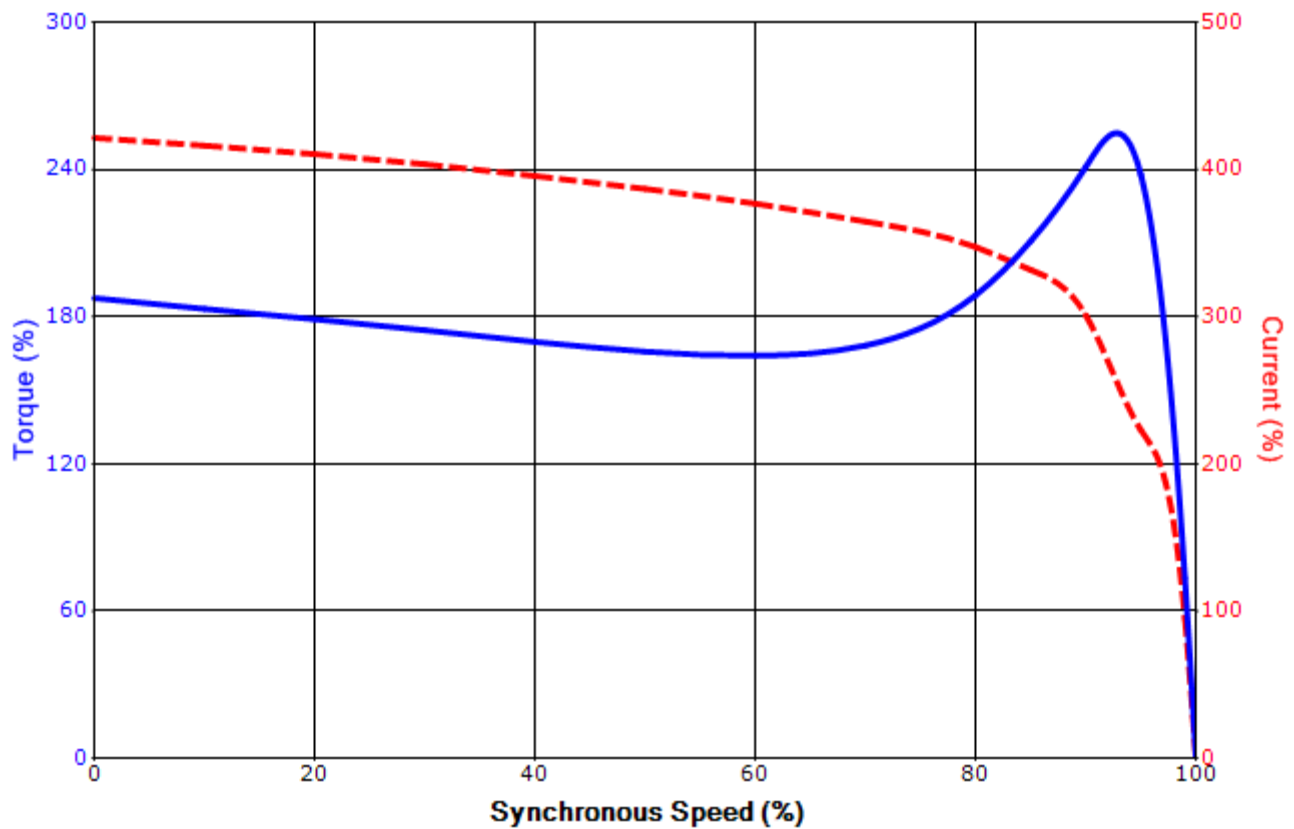
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SPEED TORQUE/CURRENT CURVE

Model: B0608FLF3USH

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
60	45	8	888	405T	230/460	60	3	196/98
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	44	F	1.15	CONT	93.6	-	G	40 C
Locked Rotor Amps	Rotor wk ² Inertia (lb-ft ²)	Torque						Break Down (%)
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)				
473.00	37.03	355	185	165			240	

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.

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Motor Connection Diagrams
12 Leads

Across-the-Line Starting / Running Connections

Low Voltage Delta



High Voltage Delta



Switch L1 and L2 to reverse rotation

Suitable for Wye-Delta Starting and Limited Part-Winding-Starting.
Please Contact Toshiba International for specific connections.