

TYPICAL MOTOR PERFORMANCE DATA

Model: B1506FLF4OSHJ01

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
150	110	6	1185	447T	575	60	3	145
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	56	F	1.15	CONT	95.8	B	G	40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	150	111.9	144.6	95.8	81.1
¾ Load	112.50	83.9	118.7	96.2	77.7
½ Load	75.00	55.9	93.0	96.1	68.7
¼ Load	37.50	28.0	63.0	89.9	49.5
No Load			52.0		
Locked Rotor			868.00		

Torque				Rotor wk² Inertia (lb-ft²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
665	195	175	275	78.69

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
34	12	-	NU318C3	6318C3	

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

Motor Options:
Product Family:EQPIII 841
Mounting:Footed,Shaft:T Shaft

Customer	
Customer PO	
Sales Order	
Project #	

Tag:

All characteristics are average expected values.

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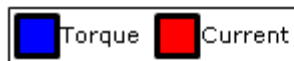
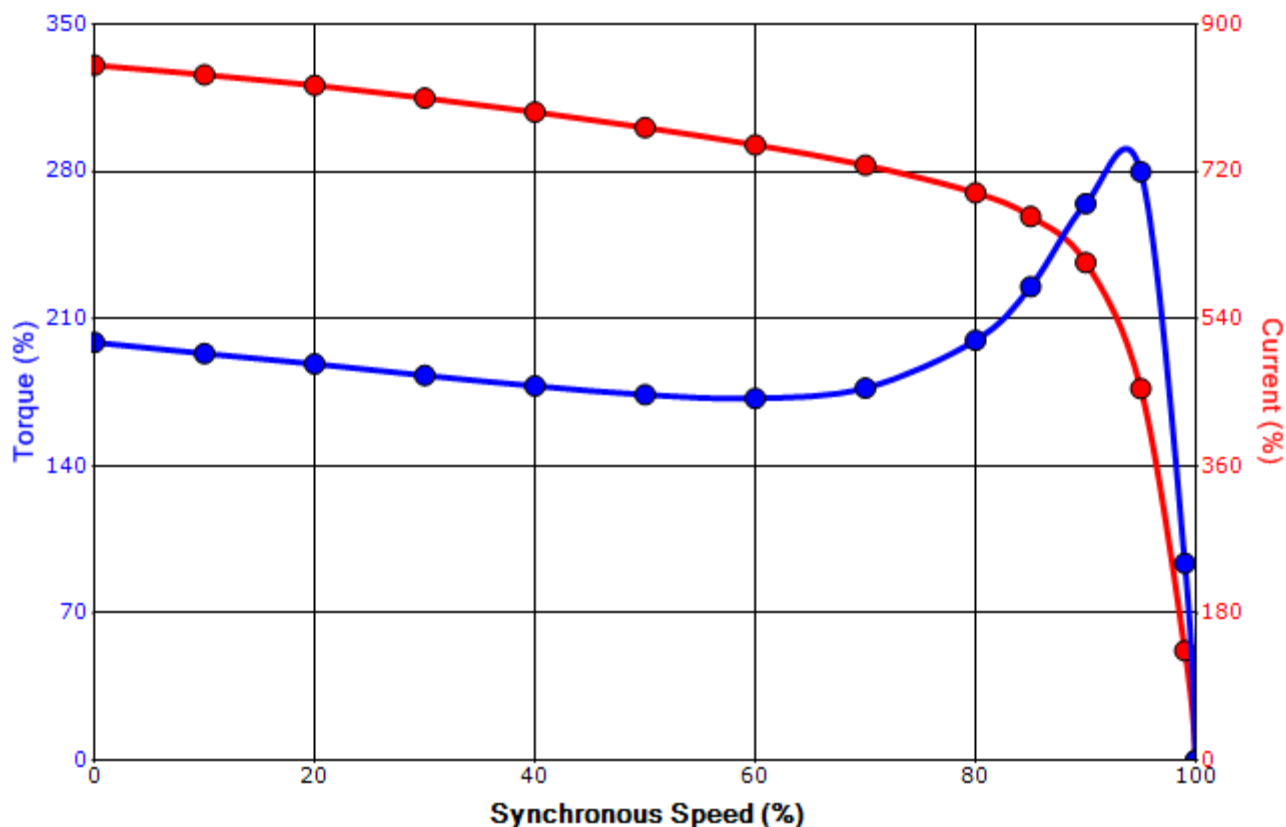
Engineering	garce	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	8/21/2015	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

SPEED TORQUE/CURRENT CURVE

Model: B1506FLF4OSHJ01

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
150	110	6	1185	447T	575	60	3	145
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	56	F	1.15	CONT	95.8	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 (%)		
868.00	78.69	665	195	175		275		

Design Values



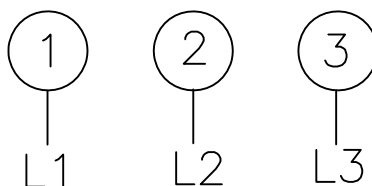
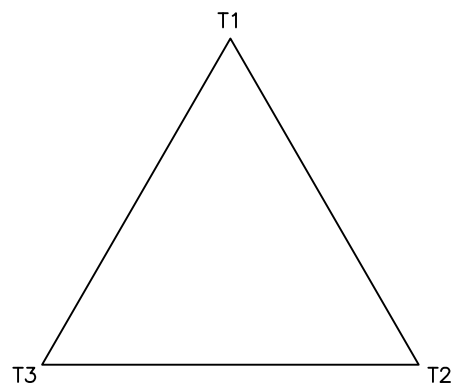
Customer		wk ² Load Inertia (lb-ft ²)	-
Customer PO		Load Type	-
Sales Order		Voltage (%)	100
Project #		Accel. Time	-

Tag:

All characteristics are average expected values.

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Engineering	garce	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121 / 0
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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.