

**TYPICAL MOTOR PERFORMANCE DATA**

Model: 400FTAB41E-A

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
400	298	6	1190	5011US	460	60	3	480
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	54	F	1.15	CONT	95.8	-		40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	400.00	298.3	479	95.9	81.4
¾ Load	300.00	223.7	373	95.1	79.2
½ Load	200.00	149.1	276	93.1	72.8
¼ Load	100.00	74.6	196	87.2	54.7
No Load			160.3		3.3
Locked Rotor			2906		26.8

Torque				Rotor wk <sup>2</sup>
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	Inertia (lb-ft <sup>2</sup> )
1767	180	135	245	254.72

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
25	13	-	6320C3	6320C3	4200

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

**Motor Options:**  
Product Family:TEFC  
Mounting:Footed,Shaft:US Shaft

Customer	
Customer PO	
Sales Order	
Project #	

Tag:

All characteristics are average expected values.

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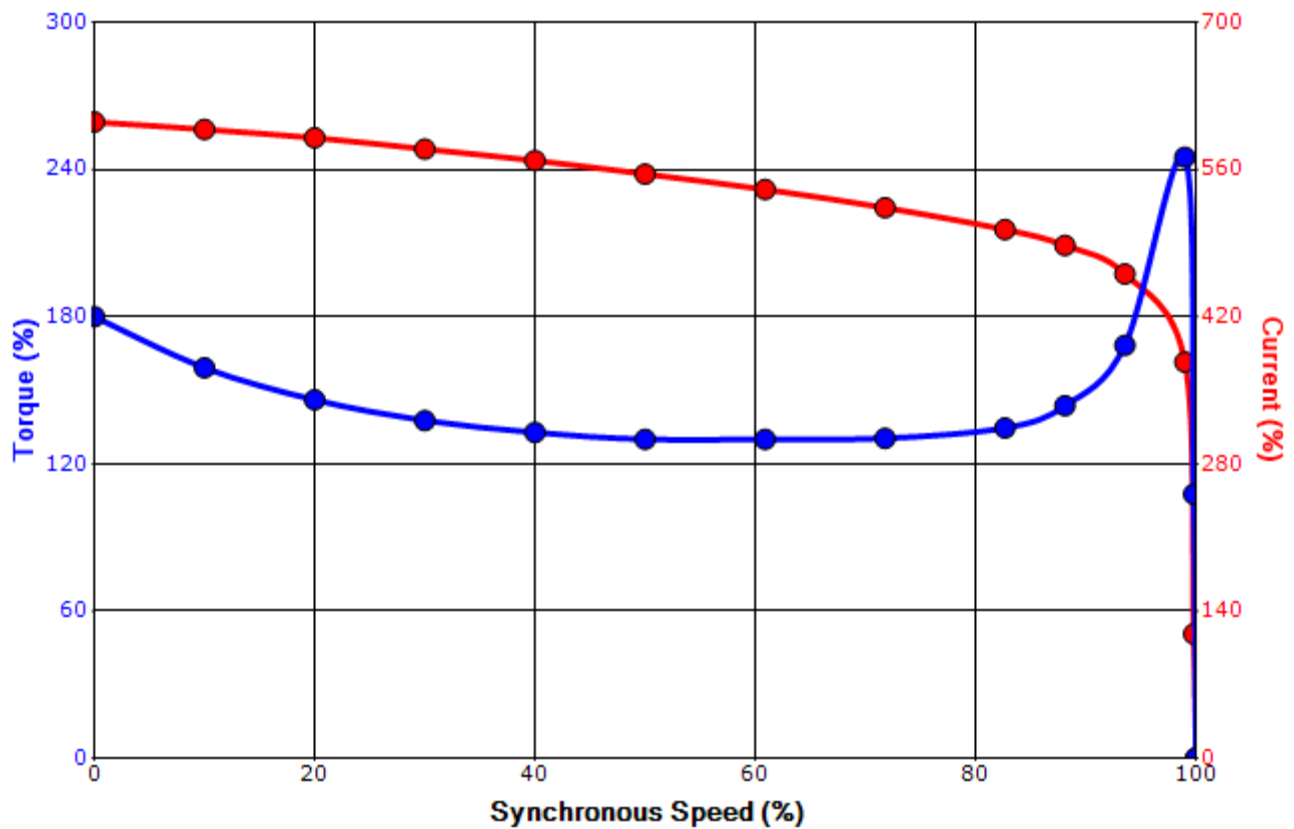
Engineering	zxie	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	9/24/2021	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

**SPEED TORQUE/CURRENT CURVE**

Model: 4006FTAB41E-A

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
400	298	6	1190	5011US	460	60	3	480
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	54	F	1.15	CONT	95.8	-		40 C
Locked Rotor Amps	Rotor wk <sup>2</sup> Inertia (lb-ft <sup>2</sup> )	Torque						
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)			
2906	254.72	1767	180	135	245			

**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.

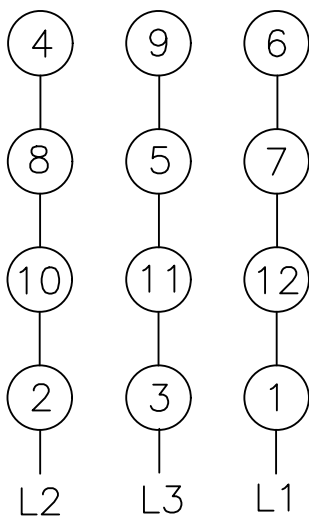
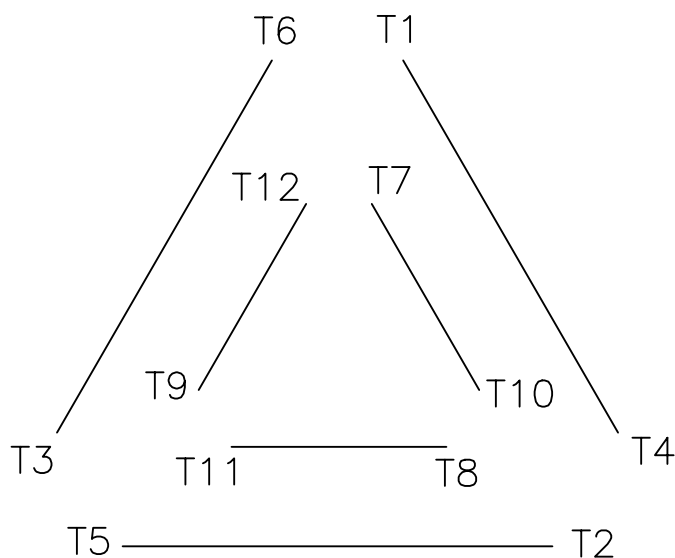
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Engineering	zxie	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121 / 0
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# Motor Connection Diagram

## 12 Leads

### Single Voltage



Switch L1 and L2 to reverse rotation