

UNITS: INCHES

3/8"-16 UNC GND BOLT
SEE NOTE 6

FRAME SIZE	MOTOR DIMENSIONS										CONDUIT BOX						MAXIMUM WEIGHT	
	A	B	C	D	G	J	K	M	O	P	T	A[MPT]	AB	AC	AE	AF		XL
445T/447T	21.9	22.9	52.6	11.00	1.1	4.3	4.8	17.3	22.0	22.4	3.6	3.00	20.2	15.9	11.00	9.2	15.2	10.3
445T/447T	9.00	16.5/20.00	0.86	7.50	8.50	8.25	3.375	2.880	0.875	6.91	NU318C3	6318C3	6318C3	6318C3	2320	lbs.		

CUSTOMER: _____ MOTOR MODEL NO.: _____ TAG NO's: _____

P.O. NO.: _____ HP: _____ VOLTAGE: _____ RPM(SYN.): _____ Hz: _____
 FRAME SIZE: _____ PRODUCT TYPE: IEFEC EGP III 840 & 841
 COMMENTS: _____

PER: _____ DATE: _____

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- STANDARD (NO AUX. BOXES)
- RTD AUX. BOX
- SPACE HEATER AUX. BOX
- BEARING RTD's

- NOTES:
- DIMENSION V REPRESENTS LENGTH OF STRAIGHT PART OF SHAFT
 - MAIN CONDUIT BOX MAY BE ROTATED IN 90° INCREMENTS
 - KEY DIMENSIONS EQUAL S x S x 6.91 (MOTOR SUPPLIED WITH KEY)
 - MOTOR WEIGHT SHOWN IS MAXIMUM HORSEPOWER IN FRAME
 - STANDARD PRODUCT USE BI-DIRECTIONAL FAN. OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE
 - FRAME GROUND BOLT STANDARD ON 841 PRODUCT
 - DIMENSIONS FOR 445T MOUNTING EQUALS 2F LOCATED IN 445T/447T

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 3 PHASE INDUCTION MOTOR
 F1 ASSEMBLY

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TYPICAL MOTOR PERFORMANCE DATA

Model: B2004FLF4OSHJ01

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
200	150	4	1785	447T	575	60	3	187
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	56	F	1.15	CONT	96.2	B		40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	200.00	149.1	186	95.9	83.6
¾ Load	150.00	111.9	146	95.4	80.3
½ Load	100.00	74.6	110	94.1	71.9
¼ Load	50.00	37.3	82	89.6	50.8
No Load			60.9		
Locked Rotor			1160		32.7

Torque				Rotor wk ² Inertia (lb-ft ²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
588	220	165	270	63.10

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
21	7	-	NU318C3	6318C3	2464

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

Motor Options:
Product Family:EQP Global 841
Mounting:Footed,Shaft:T Shaft

Customer	
Customer PO	
Sales Order	
Project #	

Tag:

All characteristics are average expected values.

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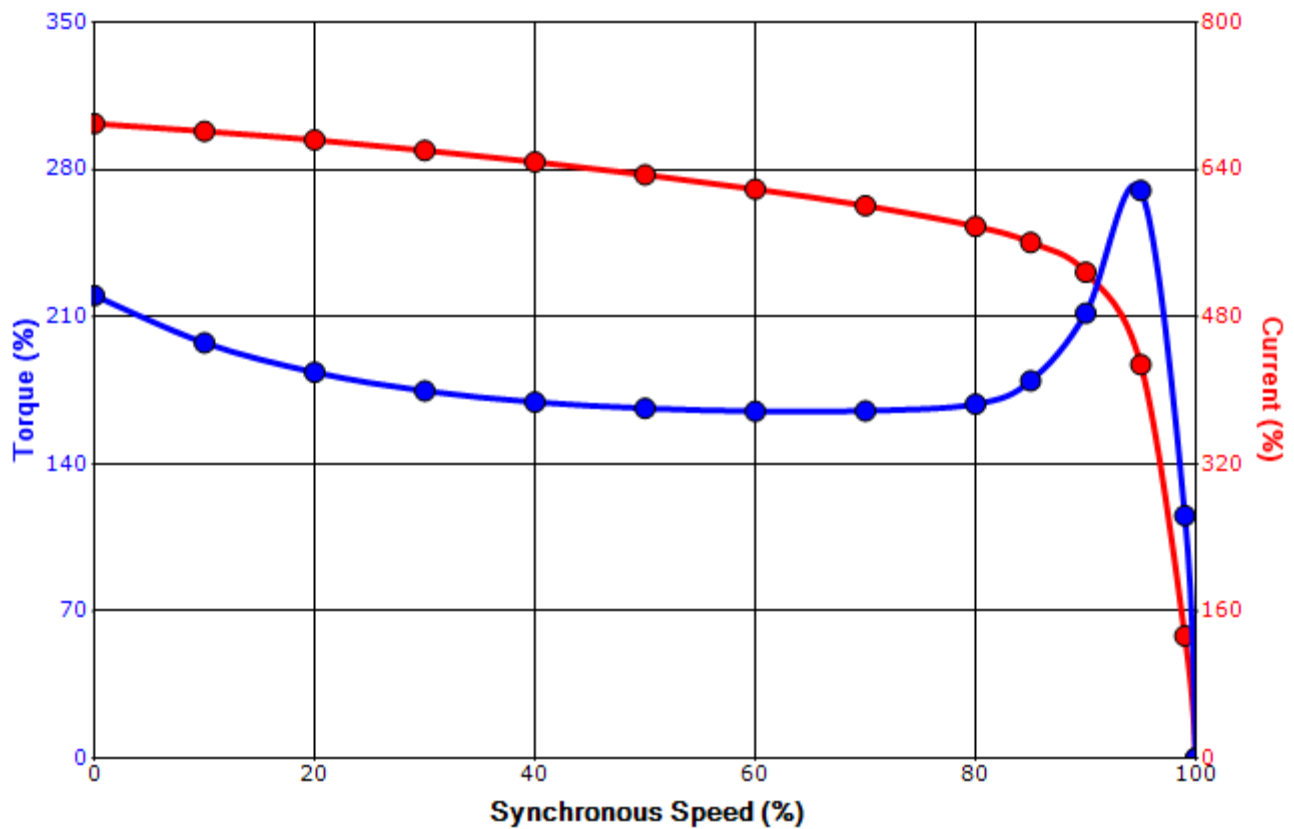
Engineering	zxie	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	1/13/2022	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

SPEED TORQUE/CURRENT CURVE

Model: B2004FLF4OSHJ01

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
200	150	4	1785	447T	575	60	3	187
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	56	F	1.15	CONT	96.2	B		40 C
Locked Rotor Amps	Rotor wk ² Inertia (lb-ft ²)	Torque						Break Down (%)
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)				
1160	63.10	588	220	165			270	

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	zxie	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121 / 0
Engr. Date	1/13/2022	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.