

1/2"-13 UNC GND BOLT
SEE NOTE 7

UNITS: INCHES

FRAME SIZE	MOTOR DIMENSIONS													CONDUIT BOX								MAXIMUM WEIGHT
	A	B	C	D	G	J	K	M	O	P	T	A[NPT]	AB	AC	AE	AF	XL	XN				
N447T/N449T	22.0	34.7	59.3	11.00	1.4	4.6	13.8	20.9	25.0	27.0	3.0	4.00	24.0	19.7	11.00	9.2	15.2	10.2				
N447TS/N449TS	22.0	34.7	55.6	11.00	1.4	4.6	13.8	20.9	25.0	27.0	3.0	4.00	24.0	19.7	11.00	9.2	15.2	10.2				
FRAME SIZE	MOUNTING				SHAFT EXTENSION				KEY SEAT				BEARINGS				MAXIMUM WEIGHT					
	E	2F	H	BA	N-W	V	U	R	S	ES	US ROLLER	US BALL 6P	US BALL 4P	OS 4~8P	US BALL 2P	OS 2P						
N447T/N449T	9.00	20.00/25.00	0.82	7.50	8.50	8.25	3.375	2.880	0.875	6.88	NU322C3	6322C3	6318C3	6318C3	-	-						
N447TS/N449TS	9.00	20.00/25.00	0.82	7.50	4.75	4.50	2.375	2.021	0.625	3.00	-	6318C3	6318C3	6318C3	6313C3	6313C3						
																3800 lbs.						

- 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
 - THIS DIMENSION EQUALS 2F FOR N447T MOUNTING
 - STANDARD PRODUCT USE BI-DIRECTIONAL FAN. OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE
 - FRAME GROUND BOLT STANDARD ON 841 PRODUCT

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

P.O. NO.: _____ HP: _____ VOLTAGE: _____ RPM(SYN.): _____ HZ: _____
 FRAME SIZE: _____ PRODUCT TYPE: IEFEC EOP III 840
 COMMENTS: _____

PER: _____ DATE: _____

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 DO NOT USE FOR CONSTRUCTION, INSTALLATION, OR APPLICATION PURPOSES UNLESS THE DRAWING IS MARKED AS CERTIFIED CERTIFIED

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

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TOTALLY-ENCLOSED FAN-COOLED
 HORIZONTAL FOOT-MOUNTED
 3 PHASE INDUCTION MOTOR
 F1 ASSEMBLY

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TYPICAL MOTOR PERFORMANCE DATA

Model: B2506FLF4OSHJL

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
250	186	6	1185	N449T	575	60	3	232
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	F	40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	250	186.4	232.0	96.5	83.7
¾ Load	187.50	139.8	180.4	95.9	81.3
½ Load	125.00	93.2	133.9	94.3	74.2
¼ Load	62.50	46.6	85.3	89.3	61.4
No Load			83.0		3.2
Locked Rotor			1359.00		24.2

Torque				Rotor wk ² Inertia (lb-ft ²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
1106	145	125	230	159.00

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
34	12	-	NU322C3	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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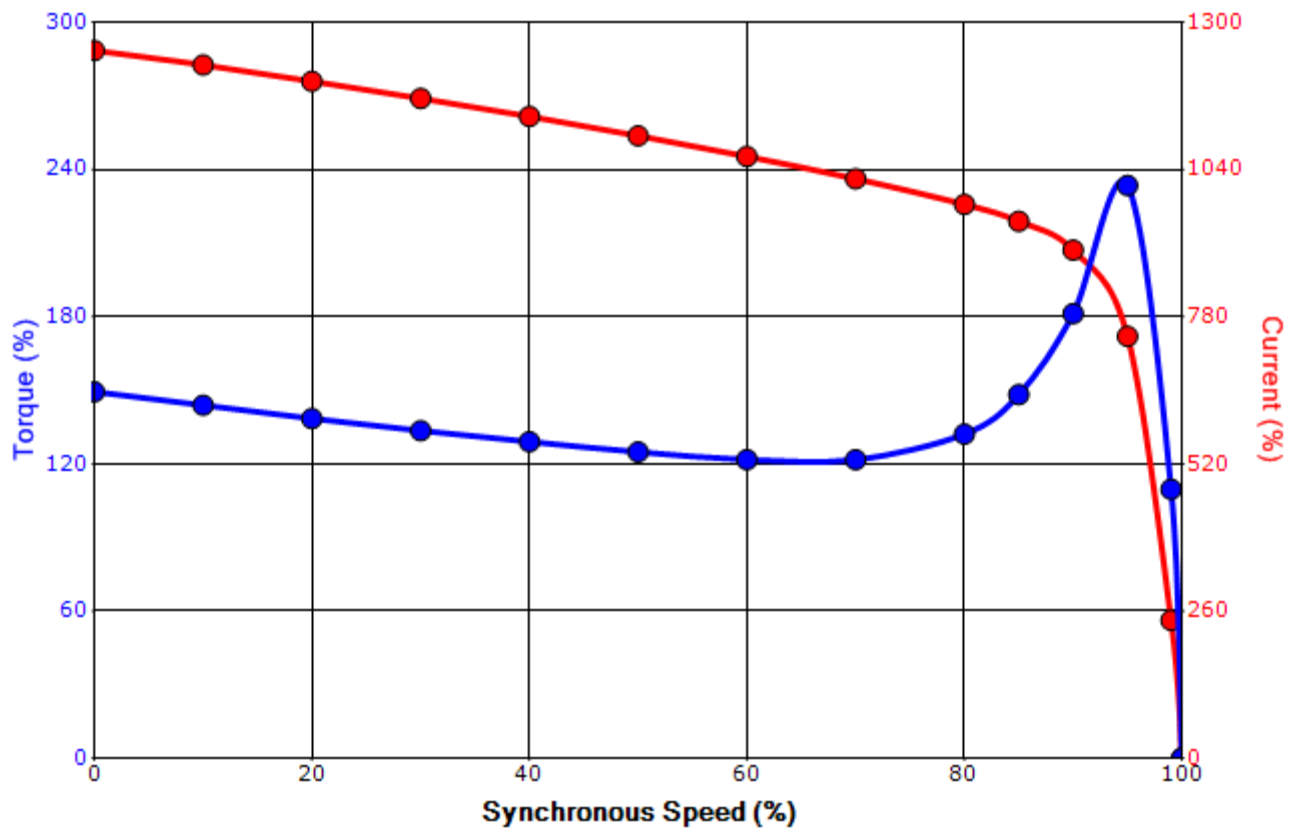
Engineering	garce	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	8/21/2015	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

SPEED TORQUE/CURRENT CURVE

Model: B2506FLF4OSHJL

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
250	186	6	1185	N449T	575	60	3	232
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	F	40 C
Locked Rotor Amps	Rotor wk ² Inertia (lb-ft ²)	Torque						Break Down (%)
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)				
1359.00	159.00	1106	145	125			230	

Design Values



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

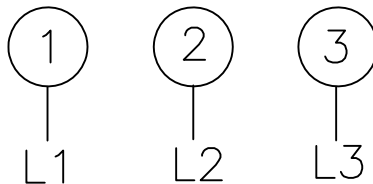
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Motor Connection Diagram
3 Leads - Delta Connection



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.