

**BALDOR • RELIANCE**

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# Customer information packet

## ECP844206TR-4

200HP, 1190RPM, 3PH, 60HZ, 449T, TEFC, FOOT,  
Class - CLI GP A,B,C,D  
Division - Division II

## Specifications

Enclosure	TEFC
Frame	449T
Frame Material	Iron
Frequency	60.00 Hz
Motor Letter Type	Three Phase
Output @ Frequency	200.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1200 RPM @ 60 HZ
Voltage @ Frequency	460.0 V @ 60 HZ
XP Class and Group	CLIGP A,B,C,D
XP Division	Division II
Agency Approvals	CCSA US NEMA PREMIUM UR
Ambient Temperature	40 °C
Auxillary Box	No Auxillary Box
Base Indicator	Rigid
Bearing Grease Type	Mobil SHC 220 (Athens Only)
Constant Torque Speed Range	30-60
Current @ Voltage	225.000 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	95.8 %
Enclosure Modification	841
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
High Voltage Full Load Amps	225.0 a
Insulation Class	F
Inverter Code	Not Inverter
IP Rating	IP56
KVA Code	G

## Part detail

Revision	D
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A44WG1497
Layout	617434-667
Eff. date	04-19-2021
CD Diagram	416820-036
Poles	06
Leads	3#1 (02 per group)
Proprietary	False
Created date	12-12-2018

<b>Lifting Lugs</b>	No Lifting Lugs
<b>Motor Lead Quantity/Wire Size</b>	6 @ 1 AWG
<b>Motor Standards</b>	None
<b>Motor Type</b>	A44160M
<b>Mounting Arrangement</b>	F1
<b>No Load Current</b>	55.3 a
<b>Number of Poles</b>	6
<b>Overall Length</b>	53.24 IN
<b>Power Factor</b>	87
<b>Pulley End Bearing Type</b>	Roller
<b>Pulley Face Code</b>	C-Face
<b>Service Factor</b>	1.15
<b>Shaft Diameter</b>	3.375 IN
<b>Shaft Ground Indicator</b>	No Shaft Grounding
<b>Shaft Rotation</b>	Phase Seq-Std Rot (CCWODE)
<b>Shaft Slinger Indicator</b>	No Slinger
<b>Speed</b>	1190 rpm
<b>Speed Code</b>	Single Speed
<b>Starting Method</b>	Direct on line
<b>Thermal Device - Winding</b>	None
<b>XP Temp Code</b>	T3

**Nameplate**

**NP3237**

<b>CAT NO</b>	ECP844206TR-4	<b>SPEC NO.</b>	A44-8470-1497						
<b>HP</b>	200	<b>AMPS</b>	225	<b>VOLTS</b>	460	<b>DESIGN</b>	B		
<b>FRAME SIZE</b>	449T	<b>RPM</b>	1190	<b>HZ</b>	60	<b>AMB</b>	40	<b>SF</b>	1.15
<b>D.E. BRG.DATA</b>	NU222	<b>O.D.E. BRG.DATA</b>	6318	<b>PH</b>	3	<b>DUTY</b>	CONT	<b>INSUL.CLASS</b>	F
<b>D.E. BRG.</b>	110RU02M30X	<b>ENCL</b>	TEFC	<b>CODE</b>	G				
<b>O.D.E. BRG.</b>	90BC03J30X	<b>POWER FACTOR</b>	87	<b>NEMA-NOM-EFFICIENCY</b>	95.8				
<b>3/4 LOAD EFF.</b>	96.1	<b>IP</b>	56	<b>MAX CORR KVAR</b>	35.0	<b>GUARANTEED EFFICIENCY</b>	95		
<b>TEMP CODE</b>	T3	<b>TEMP =</b>	200						
<b>CHP HZ</b>	60-90	<b>CT HZ</b>	30-60	<b>VT HZ</b>	0-60				
<b>INVERTER-TEMP-CODE</b>	T3								
<b>SER.NO.</b>		<b>MOTOR WEIGHT</b>	3108						

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**000613007EX**

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<b>CAT NO</b>	ECP844206TR-4	<b>SPEC NO.</b>	A44-8470-1497	
<b>NO. ROTOR BARS</b>	71	<b>GREASE TYPE</b>	MOBIL SHC 220	
<b>NO. SLOTS</b>	90	<b>NL AMPS AT RATED VOLTAGE</b>	55.3	
<b>5 YEAR WARRANTY</b>		<b>WINDING RES @25 C</b>	.0220	<b>OHMS</b>
<b>MFG. DATE</b>		<b>SER.NO</b>		

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**NP2496L**

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MOBIL SHC -220 GREASE

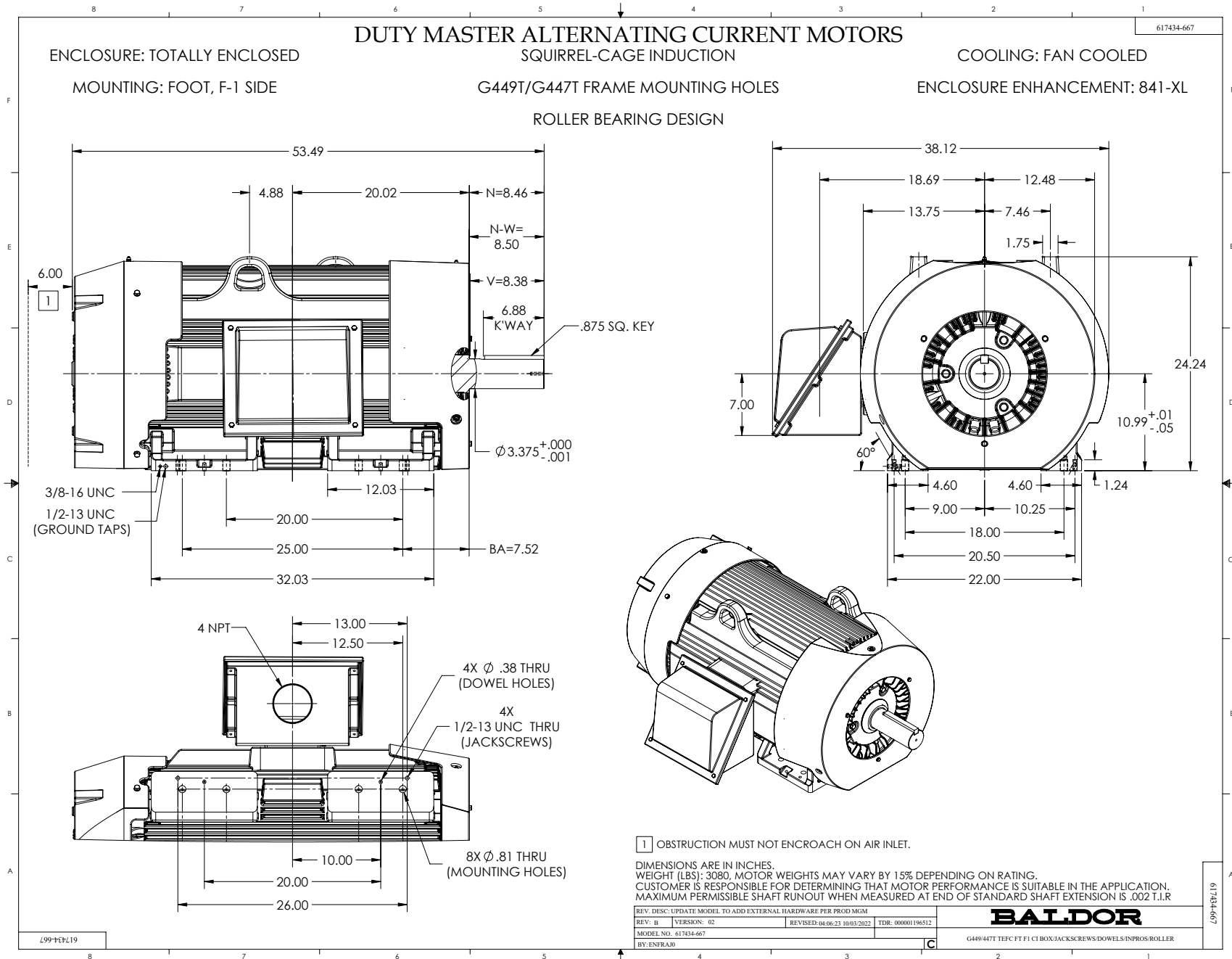
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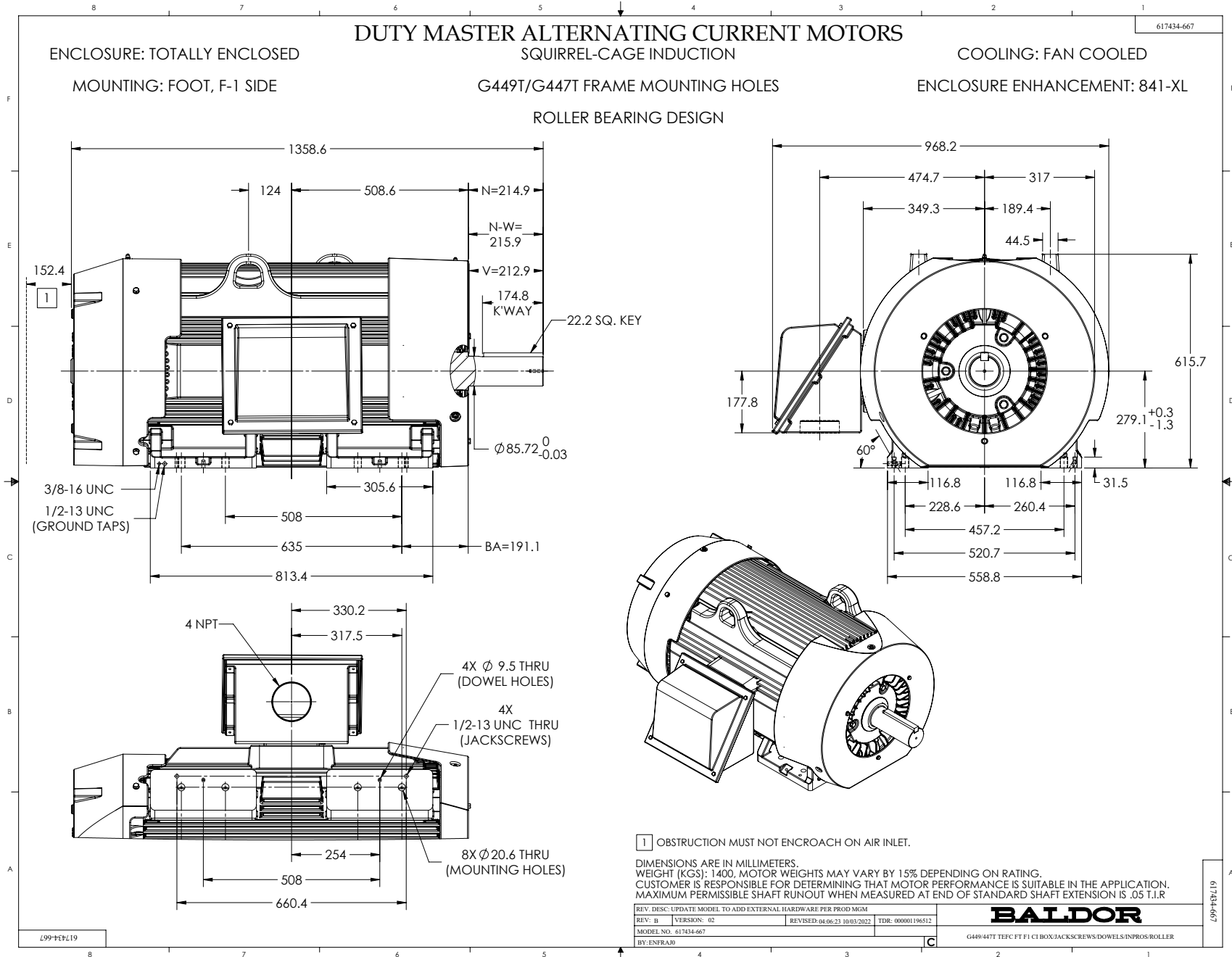






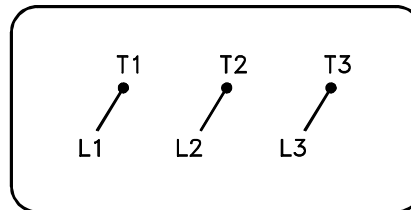






416820-036

A-C MOTOR  
CONNECTION DIAGRAM  
STANDARD 3 LEAD CONNECTED



(N.P. 1575-BA)

416820-036

REV. DESC: LOADED TO BUS, C/R 335225		
REV. LTR: -	VERSION: 00	TDR: 000000538207
FILE: \MGA\00000\682	REVISED: 11: 54: 06 04/30/2010	
MTL: -	BY: RAGRA	

**BALDOR**

CONN DIAG - STANDARD 3 LEAD  
SH 1 of 1