



Customer information packet

ECP84408TR-5

250HP, 1785RPM, 3PH, 60HZ, 449T, A44160M, TEFC

Class - CLI GP A,B,C,D

Division - Division II

Specifications

Enclosure	TEFC
Frame	449T
Frame Material	Iron
Frequency	60.00 Hz
Haz Area Class and Group	CL I GP A,B,C,D
Haz Area Division	Division II
Motor Letter Type	Three Phase
Output @ Frequency	250.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	575.0 V @ 60 HZ
Agency Approvals	C UR US CCSA US CCSAUSEEV CURUS
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Base Indicator	Rigid
Bearing Grease Type	Mobil SHC 220 (Athens Only)
Constant Torque Speed Range	30-60
Current @ Voltage	219.000 A @ 575.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	96.2 %
Feedback Device	NO FEEDBACK
Haz Area Temp Code	T3
Heater Indicator	No Heater
High Voltage Full Load Amps	219.0 a
Insulation Class	F
Inverter Code	Inverter Ready
KVA Code	G

Part detail

Revision	-
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A44WG5260
Layout	617434-667
Eff. date	06-19-2025
CD Diagram	416820-036
Poles	04
Leads	3#1 (02 per group)
Proprietary	False
Created date	05-21-2025

Lifting Lugs	No Lifting Lugs
Motor Lead Quantity/Wire Size	6 @ 1 AWG
Motor Standards	Other
Motor Type	A44160M
Mounting Arrangement	F1
No Load Current	63.6 a
Number of Poles	4
Overall Length	53.49 IN
Power Factor	89
Pulley End Bearing Type	Roller
Pulley Face Code	Standard
Service Factor	1.15
Shaft Diameter	3.375 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Phase Seq-Std Rot (CCWODE)
Shaft Slinger Indicator	No Slinger
Speed	1785 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None

Nameplate

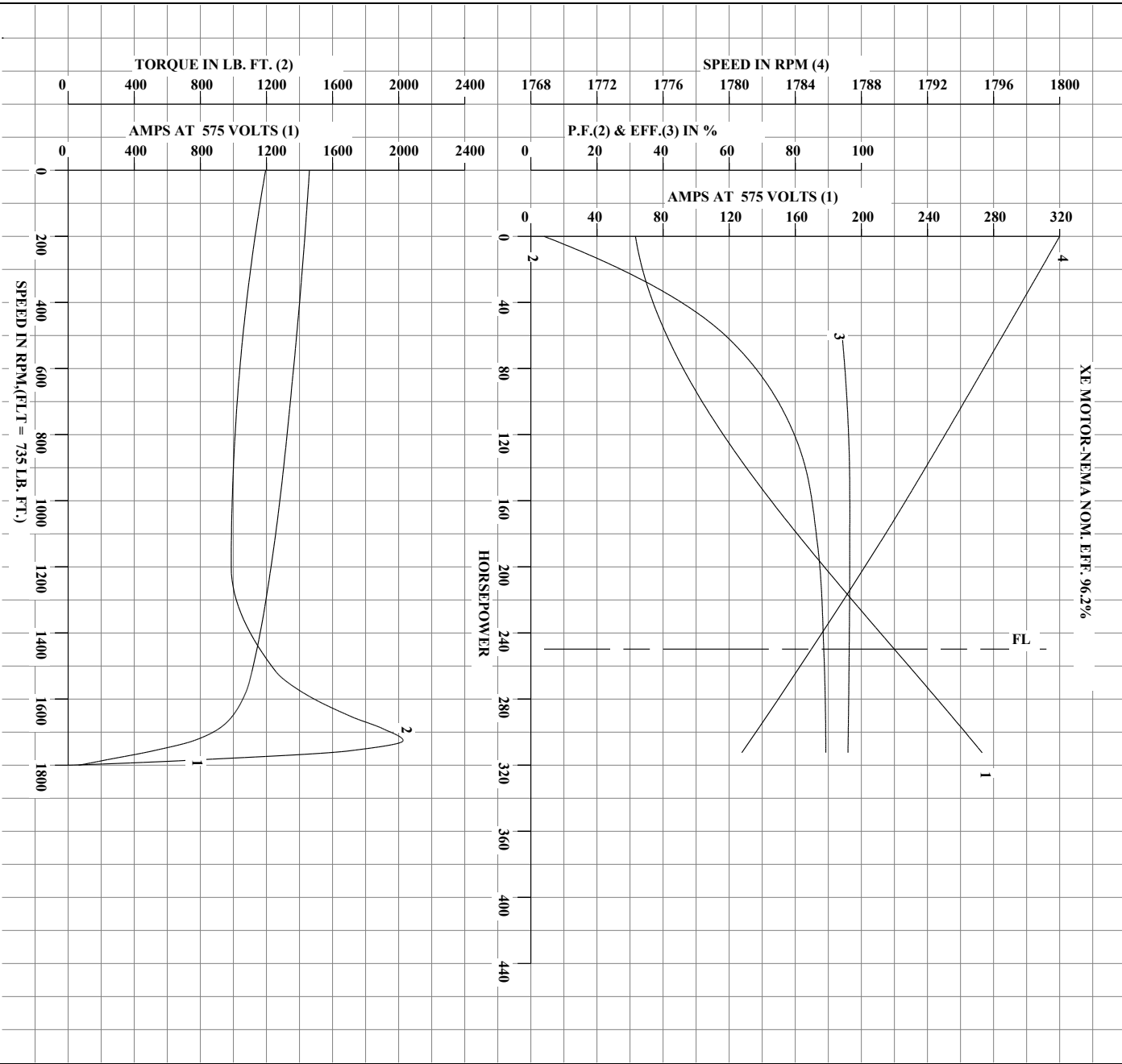
NP4566

CAT NO	ECP84408TR-5			SPEC NO.		A44-0005-5260							
HP	250	AMPS	219		VOLTS		575		DESIGN	B			
FRAME SIZE	449T	RPM	1785	HZ	60	AMB	40	SF	1.15				
D.E. BRG.DATA	NU222	O.D.E. BRG.DATA			6318		PH	3	DUTY	CONT	INSUL.CLASS	F	
D.E. BRG.	110RU02M30X		TYPE	ENCL	TEFC	CODE	G						
O.D.E. BRG.	90BC03J30X		POWER FACTOR			89		NEMA-NOM-EFFICIENCY			96.2		
3/4 LOAD EFF.	96.5	IP	56	MAX CORR KVAR			37		GUARANTEED EFFICIENCY			95.4	
TEMP CODE	T3	TEMP =	200										
CHP HZ	60-90	CT HZ	30-60	VT HZ	0-60								
INVERTER-TEMP-CODE	T3												
SER.NO.				MOTOR WEIGHT									

000613007EX				
CAT NO	ECP84408TR-5	SPEC NO.	A44-0005-5260	
NO. ROTOR BARS	58	GREASE TYPE	MOBIL SHC 220	
NO. SLOTS	72	NL AMPS AT RATED VOLTAGE		63.6
5 YEAR WARRANTY		WINDING RES @25 C	.0187	OHMS
MFG. DATE		SER.NO		

NP2496L	
MOBIL SHC -220 GREASE	

REL.S.O.	FRAME 449LP	RPM 1785	S.F. 1.15	ROTOR 418143052ZEQ
HP 250	VOLTS 575	AMPS 219	NEMA DESIGN B	TEST S.O. TYPICAL DATA
TYPE P	DUTY CONT	CODE LETTER G	ENCLOSURE TEFC	TEST DATE ---
PHASE / HERTZ 3/60	AMB °C / INSUL. 40/F	E/S 445260	STATOR RES. @ 25°C .0187	OHMS (BETWEEN LINES)



DRAWN BY: C.E. JAMISON
CHECKED BY: W.L. SMITH
APPROVED BY: C.E. JAMISON
DATE: 08/07/15

AC MOTOR
PERFORMANCE
DATA

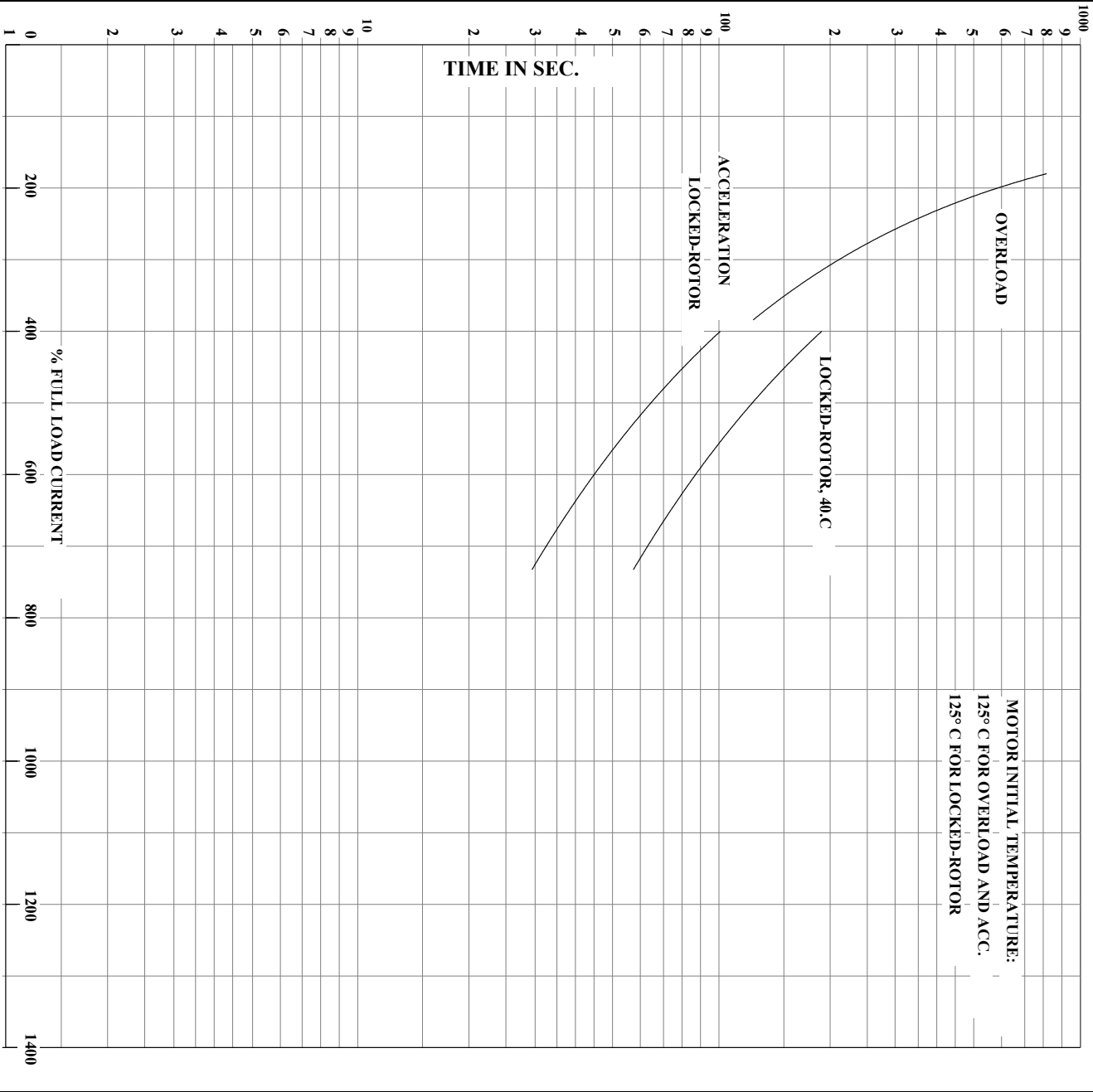
A44WG5260-R001

ISSUE DATE 10/14/19

USWESM11

Printed on 10/14/2019 10:00 AM

REL.S.O.	RPM 1785	S.F. 1.15	ROTOR 418143052ZEQ
FRAME 449LP	VOLTS 575	NEMA DESIGN B	TEST S.O. TYPICAL DATA
HP 250	AMPS 219	CODE LETTER G	TEST DATE ---
TYPE P	DUTY CONT	ENCLOSURE TEFC	STATOR RES. @ 25°C .0187
PHASE / HERTZ 3/60	AMB °C / INSUL. 40/F	E/S 445260	OHMS (BETWEEN LINES)



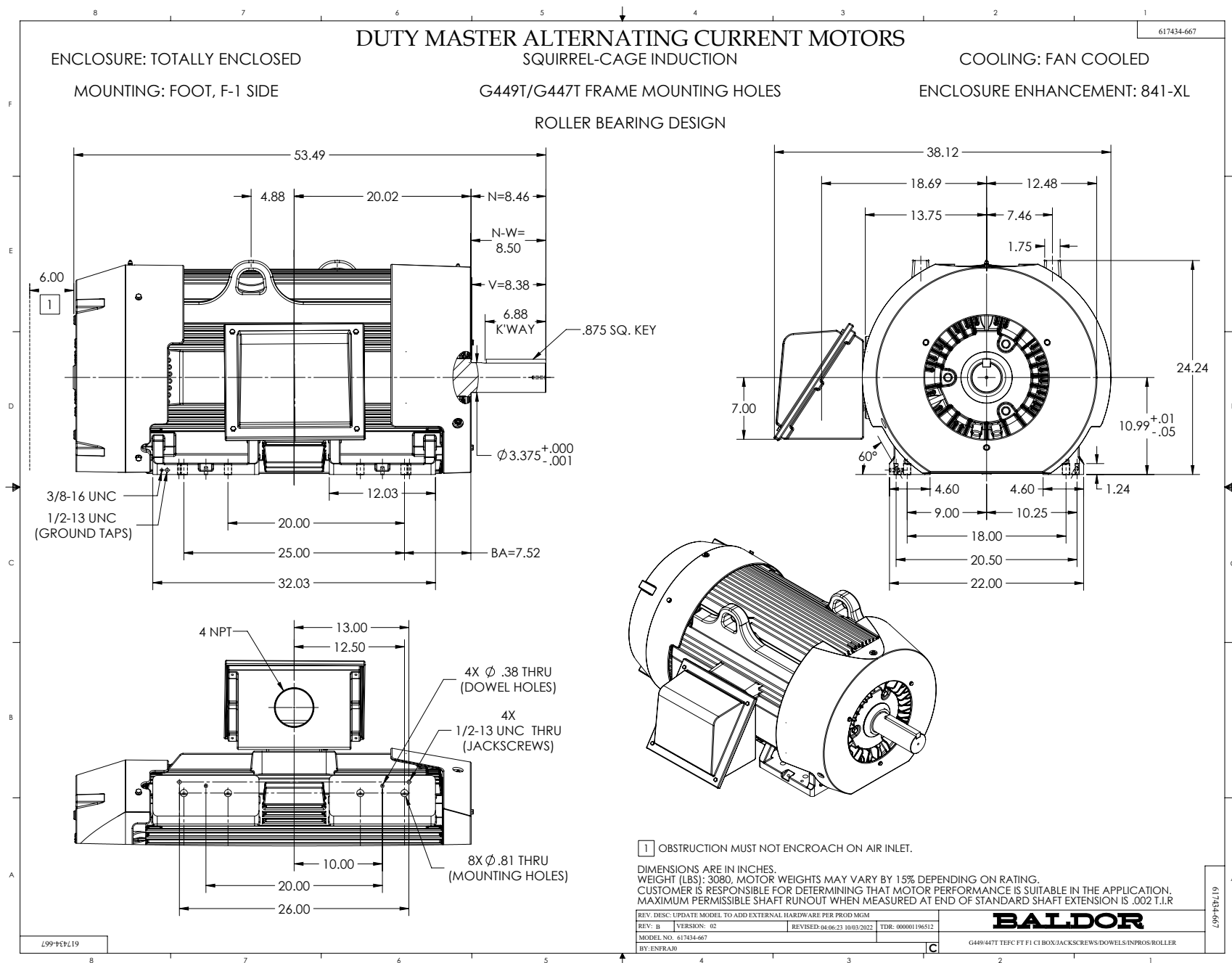
Thermal Limit Curve
XE Motor-NEMA Nom. Eff. 96.2%

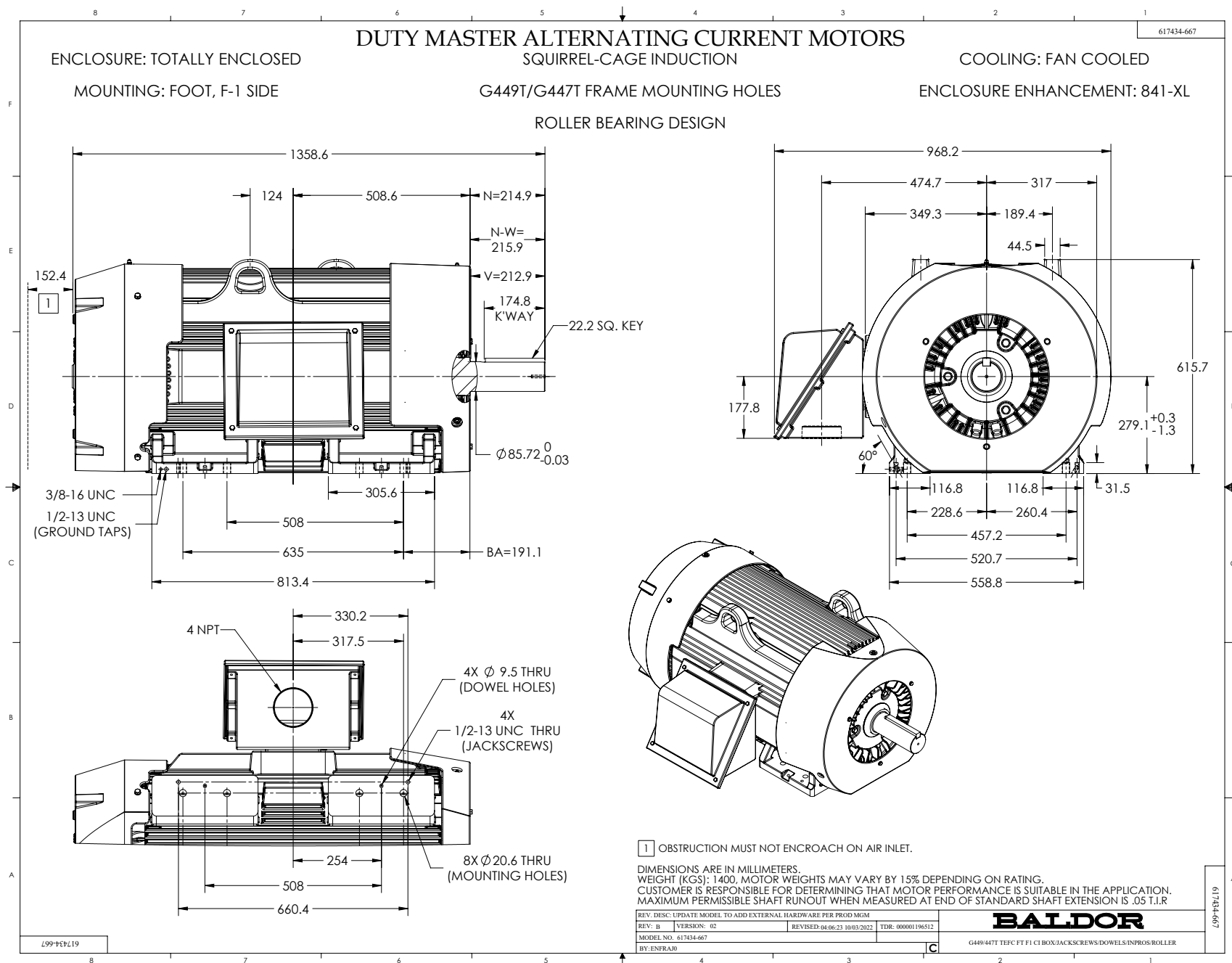
AMPERES SHOWN FOR 575 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.

	DRAWN BY: C.E. JAMISON CHECKED BY: W.L. SMITH APPROVED BY: C.E. JAMISON DATE: 08/07/15	AC MOTOR PERFORMANCE DATA	A44WG5260-R001 ISSUE DATE 10/14/19
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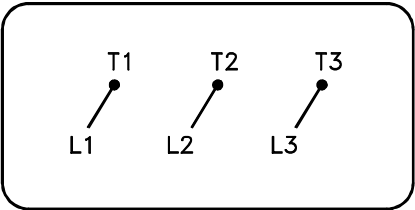
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416820-036

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