



Customer information packet

ECP49306T-4

300HP, 1200RPM, 3PH, 60HZ, L449T, TEFC, FOOT,
Class - CLI GP A,B,C,D
Division - Division II

Specifications

Enclosure	TEFC
Frame	L449T
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	300.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1200 RPM @ 60 HZ
Voltage @ Frequency	460.0 V @ 60 HZ
Agency Approvals	CCSAUSEEV
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Constant Torque Speed Range	30-60
Current @ Voltage	340.000 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	95.8 %
Feedback Device	NO FEEDBACK
Frame Prefix	L
Haz Area Temp Code	T2C
Heater Indicator	No Heater
High Voltage Full Load Amps	340.0 a
Insulation Class	F
Inverter Code	Inverter Ready
KVA Code	G
Lifting Lugs	Standard Lifting Lugs
Motor Lead Quantity/Wire Size	6 @ 2/0 AWG

Part detail

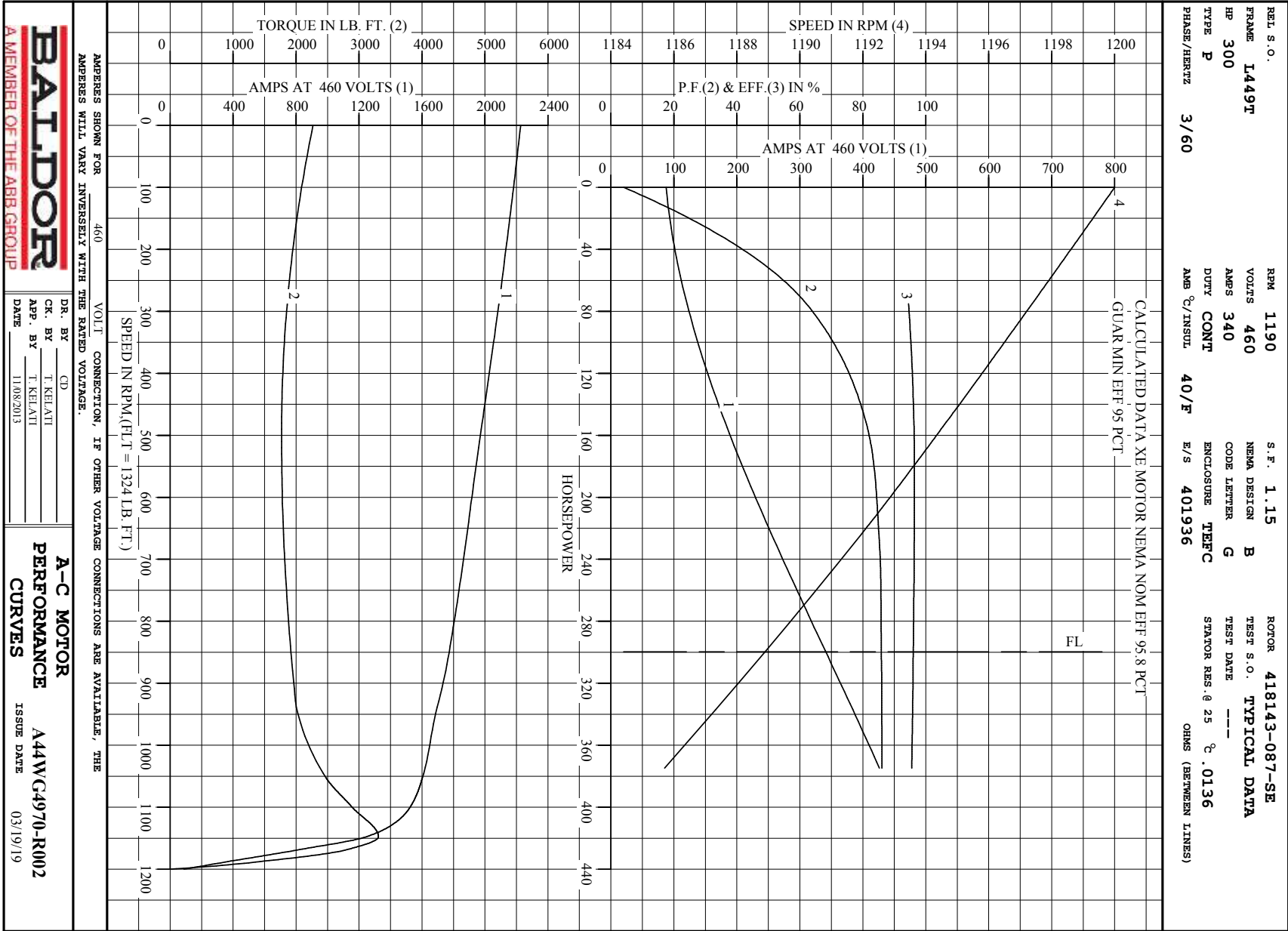
Revision	M
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A44WG4970
Layout	617423-006
Eff. date	10-24-2024
CD Diagram	416820-036
Poles	06
Leads	3#2/0 (02 per group)
Proprietary	False
Created date	01-06-2014

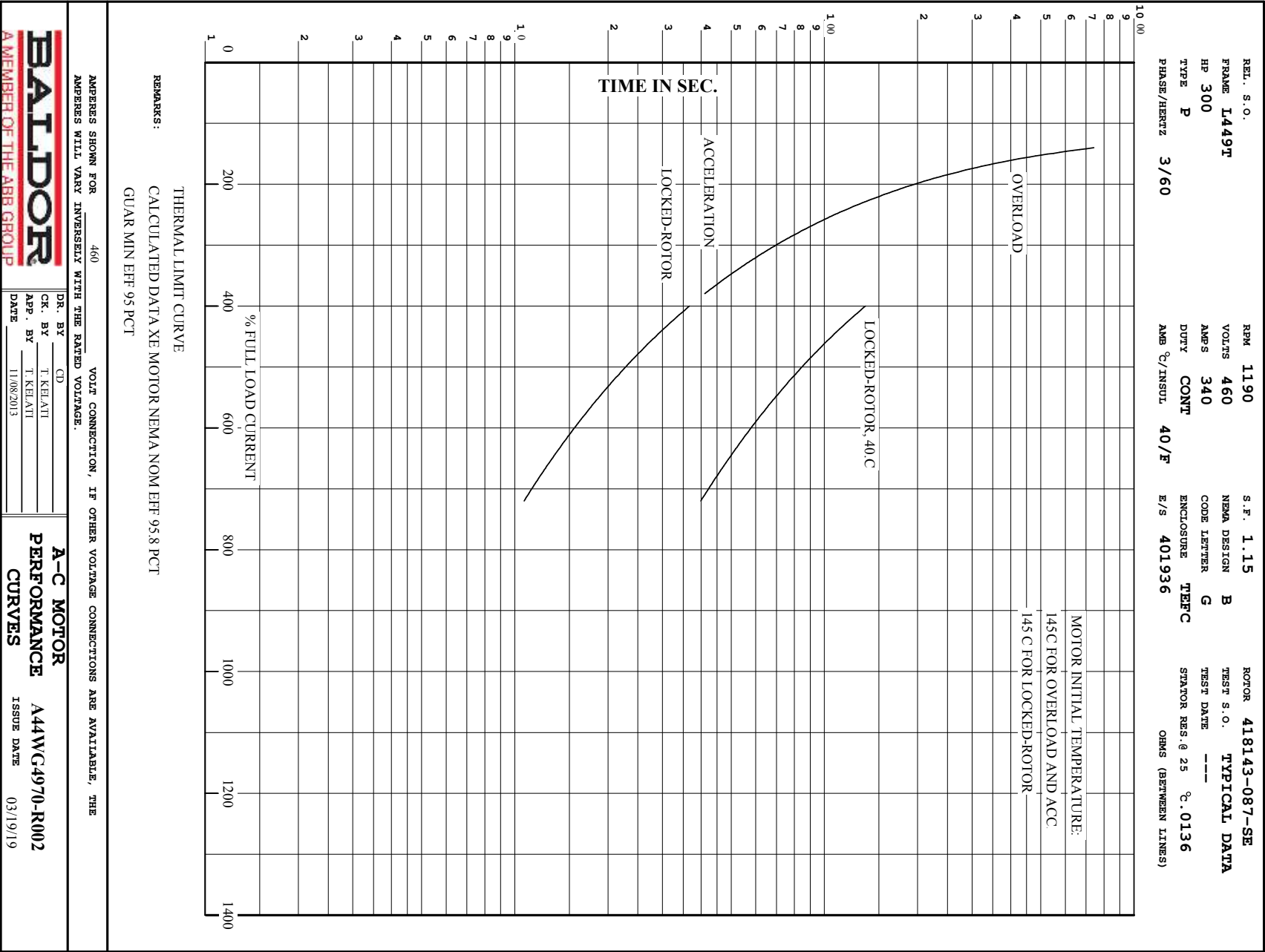
Motor Standards	NEMA
Motor Type	A44208M
Mounting Arrangement	F1
Number of Poles	6
Overall Length	60.13 IN
Power Factor	86
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Service Factor	1.15
Shaft Diameter	3.375 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	Shaft Slinger
Speed	1190 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None

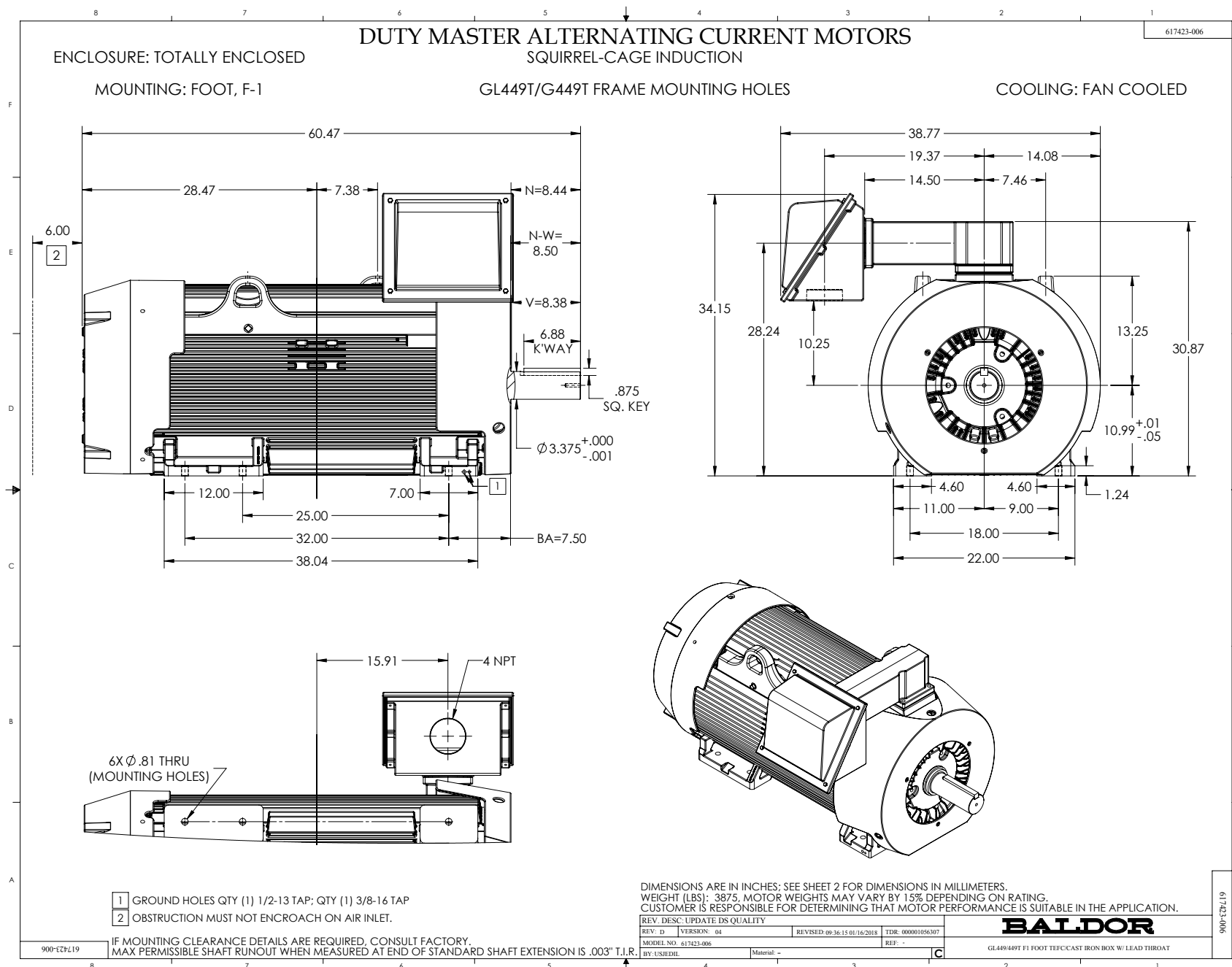
Nameplate

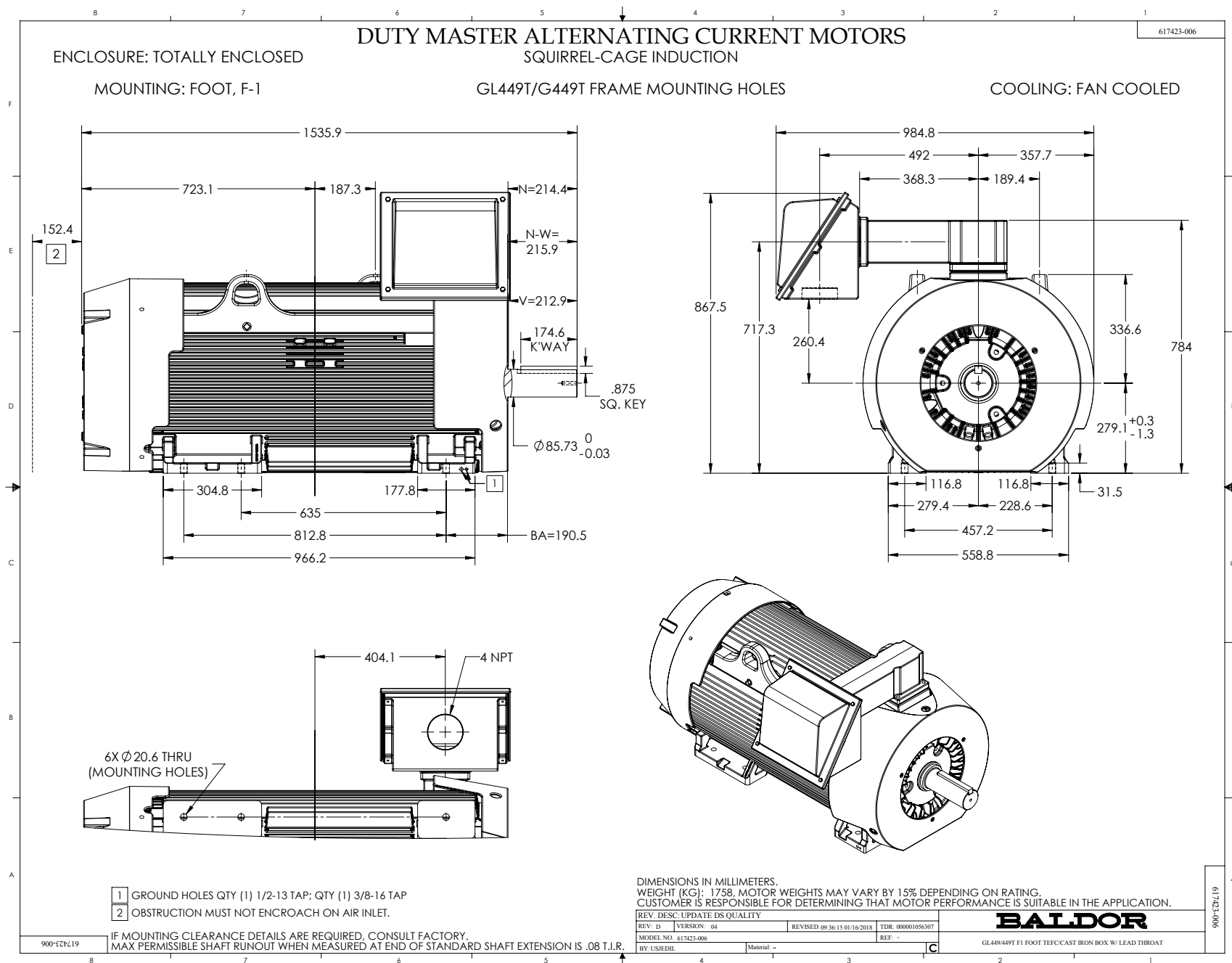
NP3238

CAT NO	ECP49306T-4				SPEC NO.	A44-2587-4970						
HP	300	AMPS	340	VOLTS		460	DESIGN	B				
FRAME	L449T	RPM	1190	HZ	60	AMB	40	SF	1.15			
D.E. BRG.DATA	6222	O.D.E. BRG.DATA				6318	PH	3	DUTY	CONT	INSUL.CLASS	F
D.E. BRG.	110BC02J30X			TYPE	P	ENCL	TEFC	CODE	G			
O.D.E. BRG.	90BC03J30X			POWER FACTOR			86	NEMA NOM EFFICIENCY			95.8	
3/4 LOAD EFF.	96.1	MAX CORR KVAR			61.0	GUARANTEED EFFICIENCY			95			
TEMP CODE	T2C	TEMP =	230									
CHP HZ	60-90	CT HZ	30-60	VT HZ	0-60							
INVERTER-TEMP-CODE	T2C											
SER.NO.					MOTOR WEIGHT							









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
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