



Customer information packet

ECP84406T-5

150HP, 1785RPM, 3PH, 60HZ, 445T, A4488M, TEFC

Class - CLI GP A,B,C,D

Division - Division II

Specifications

Enclosure	TEFC
Frame	445T
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	150.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	575.0 V @ 60 HZ
Agency Approvals	CCSA US UR
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Constant Torque Speed Range	15-60
Current @ Voltage	135.000 A @ 575.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	95.8 %
Feedback Device	NO FEEDBACK
Haz Area Temp Code	T3
Heater Indicator	No Heater
High Voltage Full Load Amps	135.0 a
Insulation Class	F
Inverter Code	Inverter Ready
KVA Code	F
Lifting Lugs	Standard Lifting Lugs
Motor Lead Quantity/Wire Size	3 @ 1 AWG

Part detail

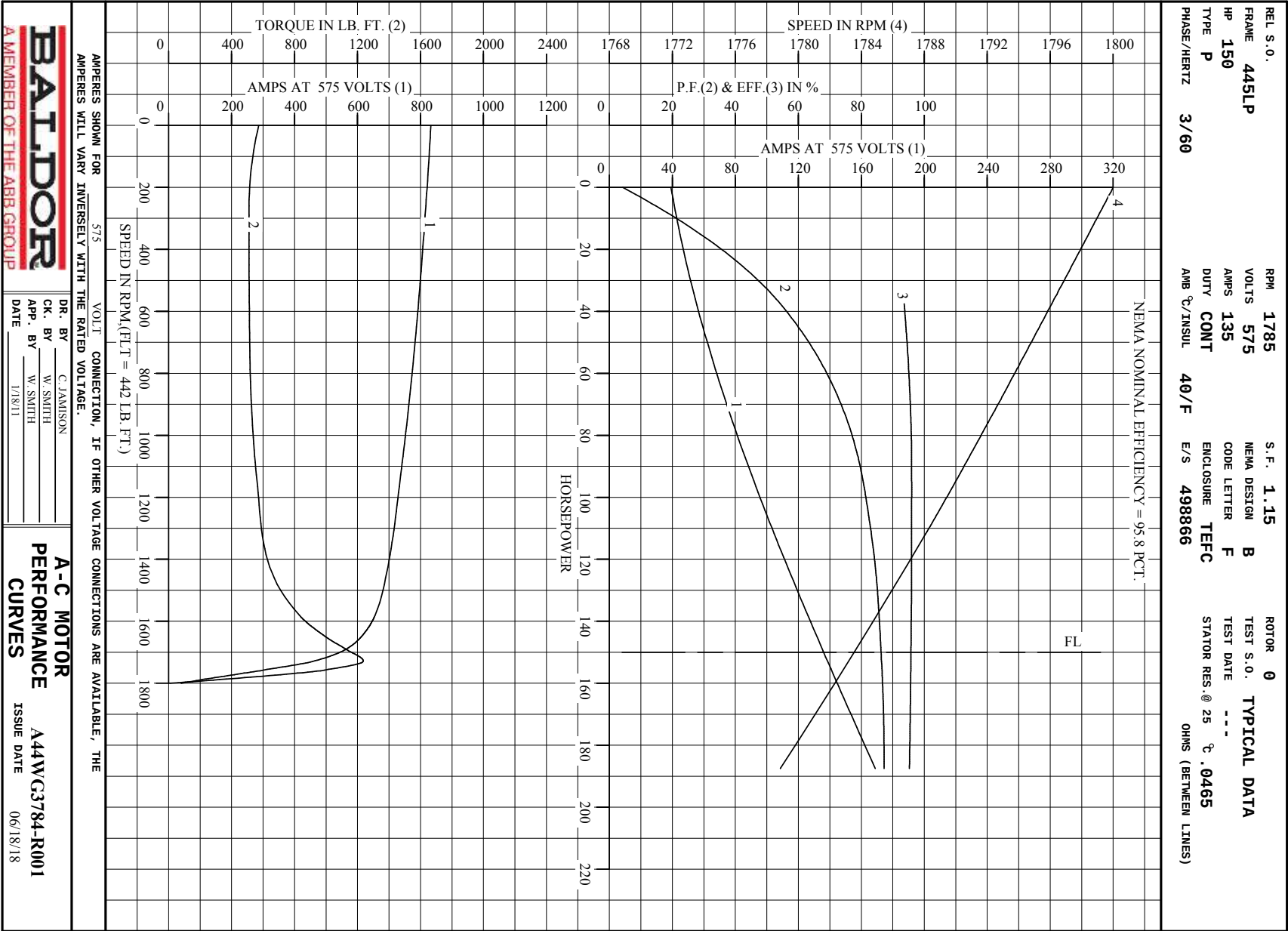
Revision	B
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A44WG3784
Layout	617434-660
Eff. date	12-10-2025
CD Diagram	416820-036
Poles	04
Leads	3#1
Proprietary	False
Created date	03-14-2022

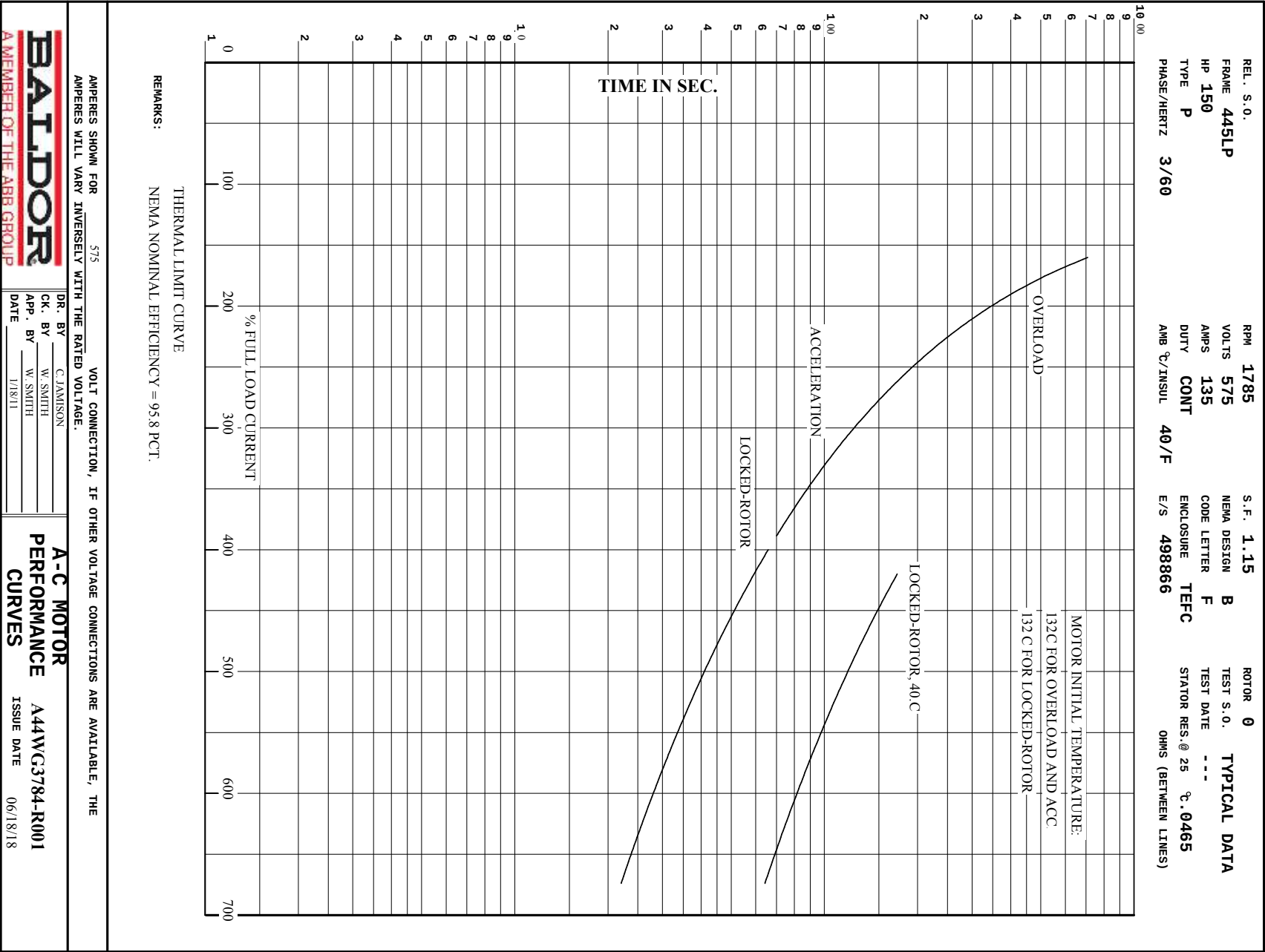
Motor Standards	None
Motor Type	A4488M
Mounting Arrangement	F1
No Load Current	43.3 a
Number of Poles	4
Overall Length	44.97 IN
Power Factor	86
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Service Factor	1.15
Shaft Diameter	3.375 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Phase 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

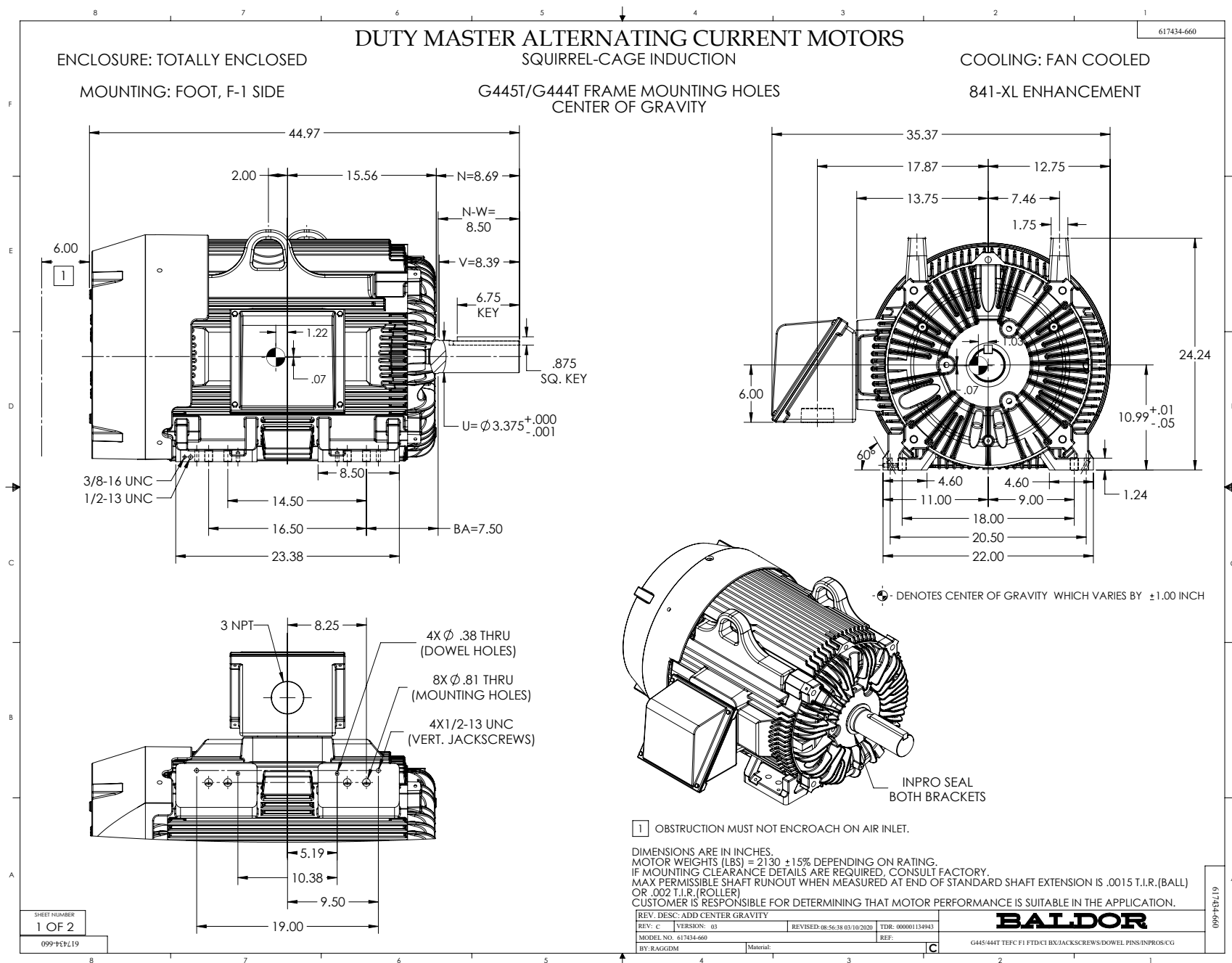
Nameplate

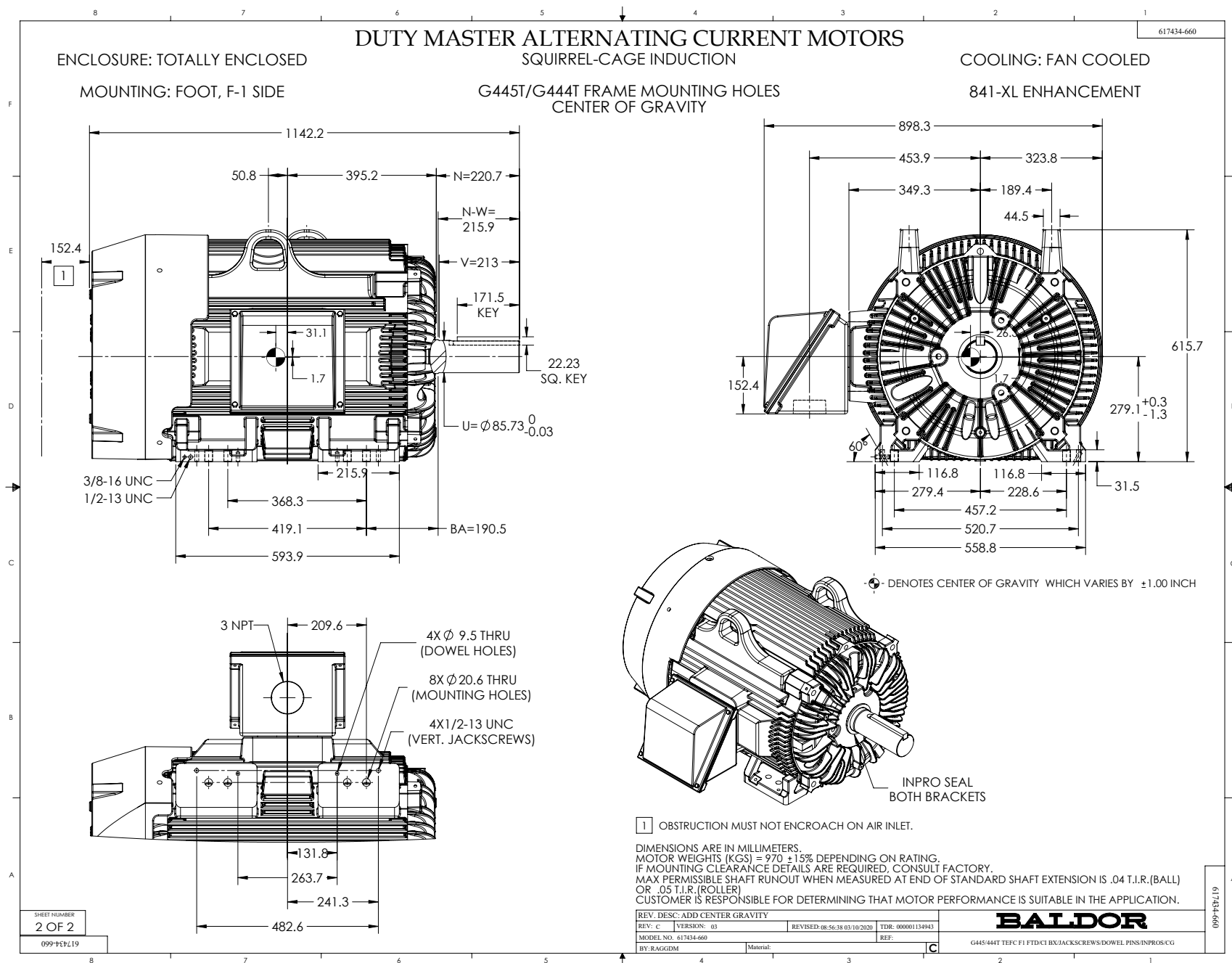
NP4566															
CAT NO	ECP84406T-5			SPEC NO.		A44-0000-3784									
HP	150	AMPS		135		VOLTS		575		DESIGN		B			
FRAME SIZE	445T	RPM		1785		HZ		60	AMB		40	SF	1.15		
D.E. BRG.DATA	6318			O.D.E. BRG.DATA			6318		PH		3	DUTY	CONT	INSUL.CLASS	F
D.E. BRG.	90BC03J30X			TYPE		ENCL		TEFC		CODE		F			
O.D.E. BRG.	90BC03J30X			POWER FACTOR				86		NEMA-NOM-EFFICIENCY				95.8	
3/4 LOAD EFF.	96.0	IP	56	MAX CORR KVAR				30		GUARANTEED EFFICIENCY				95	
TEMP CODE	T3	TEMP =		200											
CHP HZ	60-90	CT HZ	15-60	VT HZ		0-60									
INVERTER-TEMP-CODE	T3														
SER.NO.				MOTOR WEIGHT											

000613007EX				
CAT NO	ECP84406T-5	SPEC NO.	A44-0000-3784	
NO. ROTOR BARS	58	GREASE TYPE	POLYREX EM	
NO. SLOTS	72	NL AMPS AT RATED VOLTAGE	43.3	
5 YEAR WARRANTY		WINDING RES @25 C	0.046	OHMS
MFG. DATE		SER.NO		









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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