



Customer information packet

ECP84406T-4

150HP, 1785RPM, 3PH, 60HZ, 445T, TEFC, F1

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	460.0 V @ 60 HZ
Agency Approvals	UR CCSA US
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	169.000 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
Haz Area Temp Code	T3
Heater Indicator	No Heater
High Voltage Full Load Amps	169.0 a
Insulation Class	F
Inverter Code	Inverter Ready
IP Rating	IP56
KVA Code	F

Part detail

Revision	F
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A44WG3335
Layout	617434-660
Eff. date	12-10-2025
CD Diagram	416820-036
Poles	04
Leads	3#1/0
Proprietary	False
Created date	12-12-2018

Lifting Lugs	Standard Lifting Lugs
Motor Lead Quantity/Wire Size	3 @ 1/0 AWG
Motor Standards	None
Motor Type	A4488M
Mounting Arrangement	F1
No Load Current	48.9 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

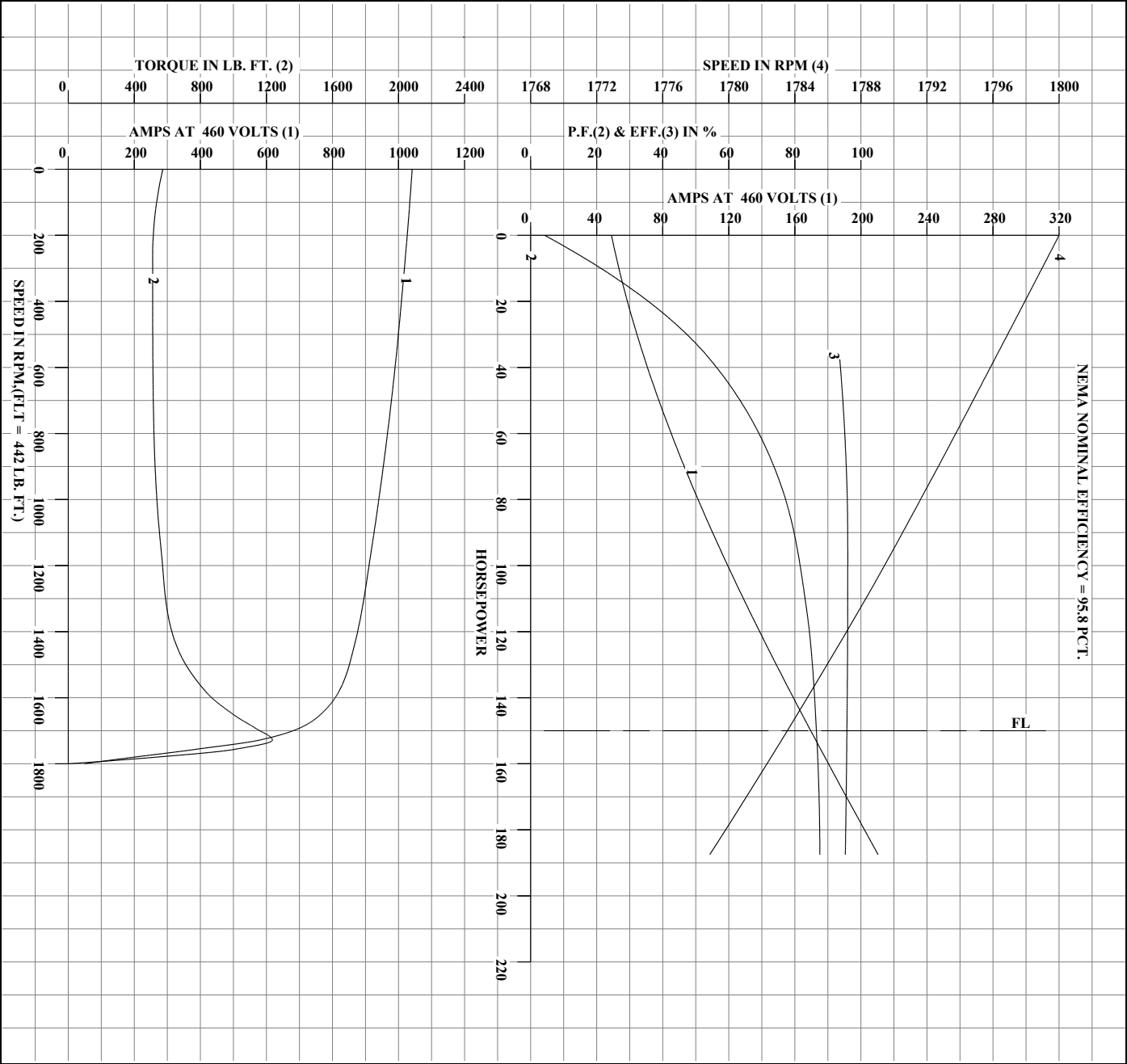
Nameplate

NP4566													
CAT NO	ECP84406T-4			SPEC NO.		A44-9206-3335							
HP	150	AMPS	169		VOLTS		460		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.	96.1	IP	56	MAX CORR KVAR			30.0		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-4	SPEC NO.	A44-9206-3335
NO. ROTOR BARS	58	GREASE TYPE	POLYREX EM
NO. SLOTS	72	NL AMPS AT RATED VOLTAGE	48.9
5 YEAR WARRANTY		WINDING RES @25 C	.02982 OHMS
MFG. DATE		SER.NO	

REL.S.O.	FRAME 445T	RPM 1785	S.F. 1.15	ROTOR 418143053AE
HP 150	VOLTS 460	AMPS 169	NEMA DESIGN B	TEST S.O. TYPICAL DATA
TYPE P	DUTY CONT	CODE LETTER F	ENCLOSURE TEFC	TEST DATE --
PHASE / HERTZ 3/60	AMB °C / INSUL. 40/F	E/S 498808		STATOR RES. @ 25°C .0298
				OHMS (BETWEEN LINES)



AMPERES SHOWN FOR 460 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.



DRAWN BY: C.B. ATANGANE
CHECKED BY: C.E. JAMISON
APPROVED BY: C.E. JAMISON
DATE: 10/16/23

AC MOTOR
PERFORMANCE
DATA

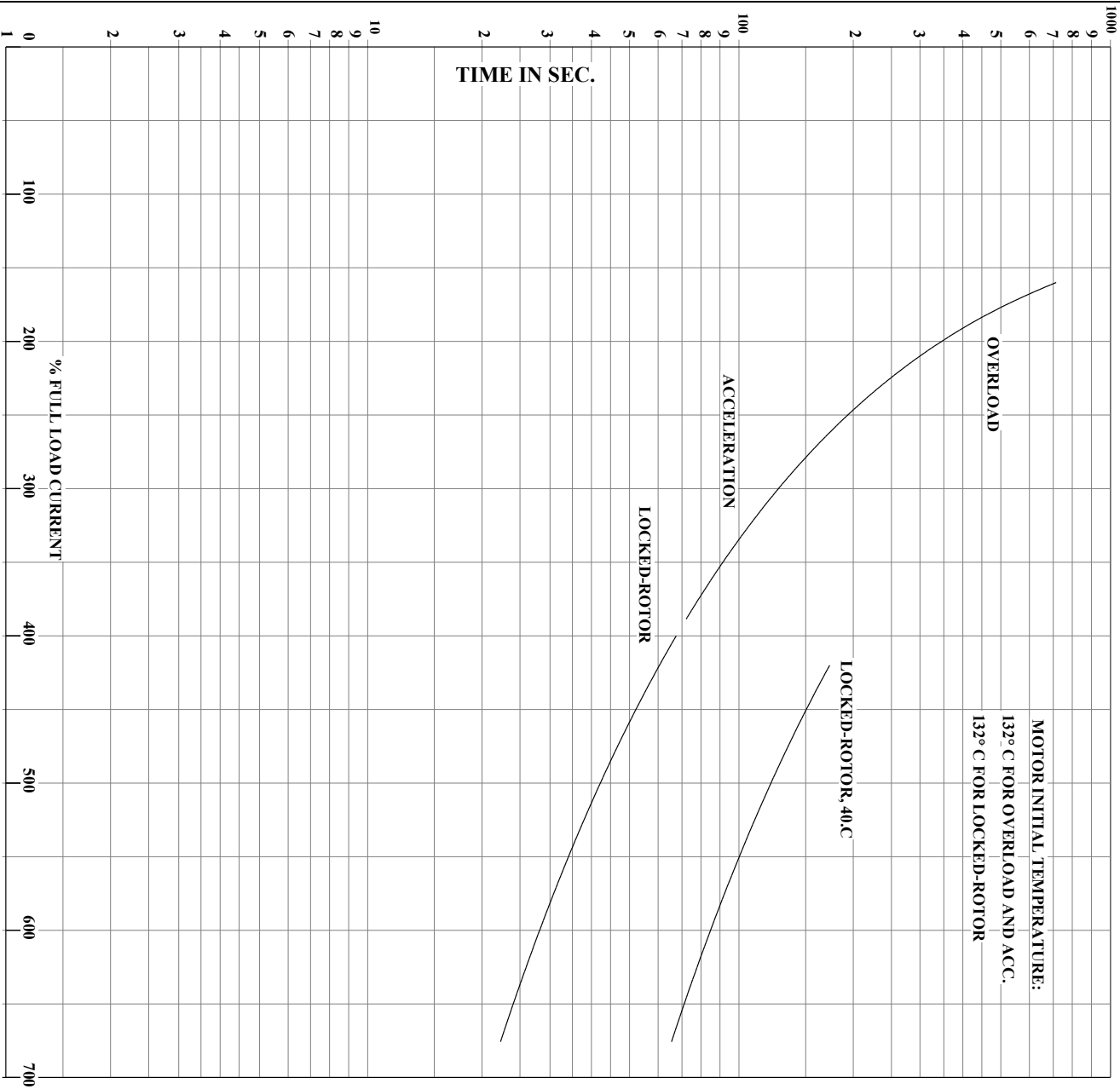
A44WCG3335-R001

ISSUE DATE 02/03/25

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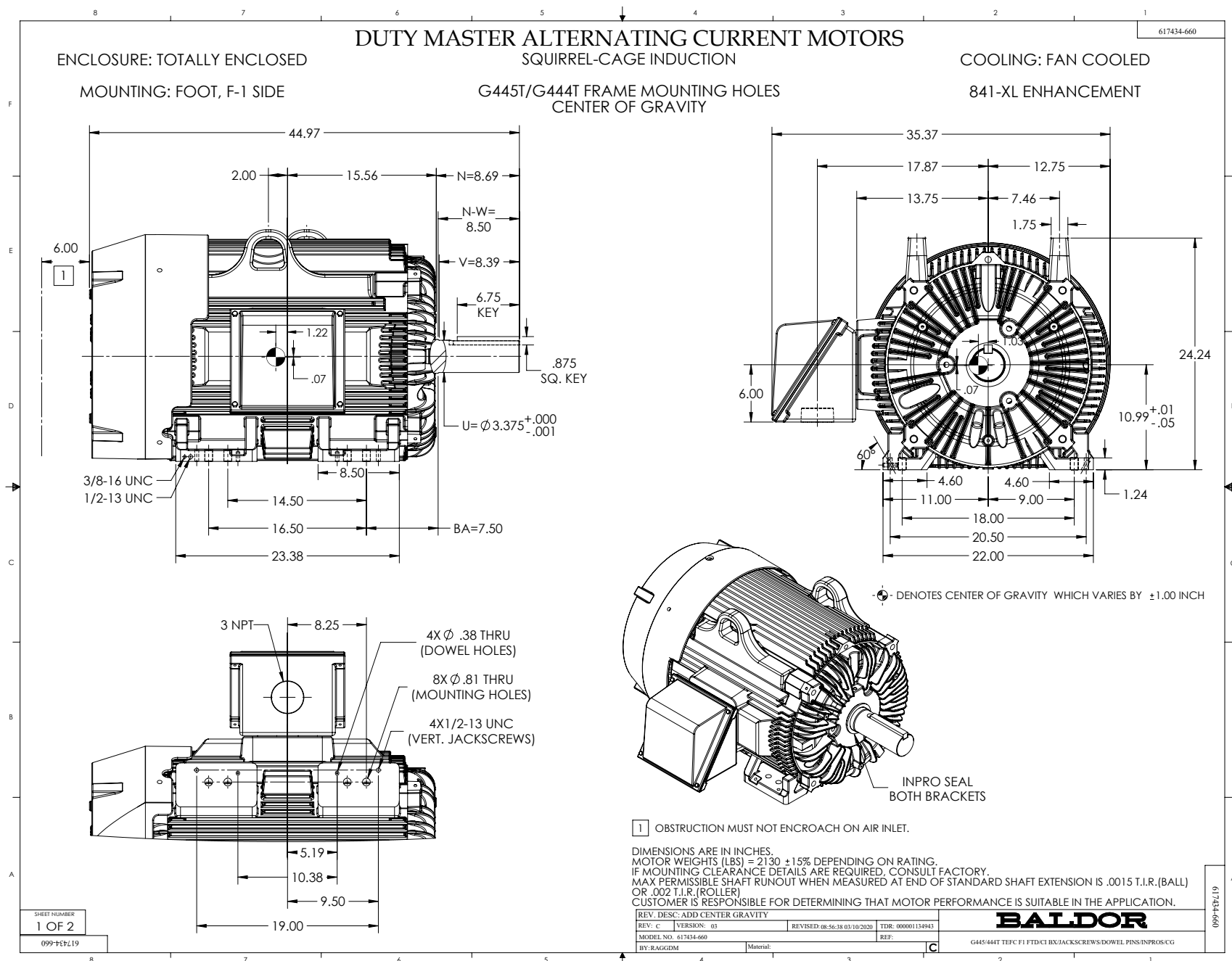
Thermal Limit Curve
NEMA Nominal Efficiency = 95.8 PCT.

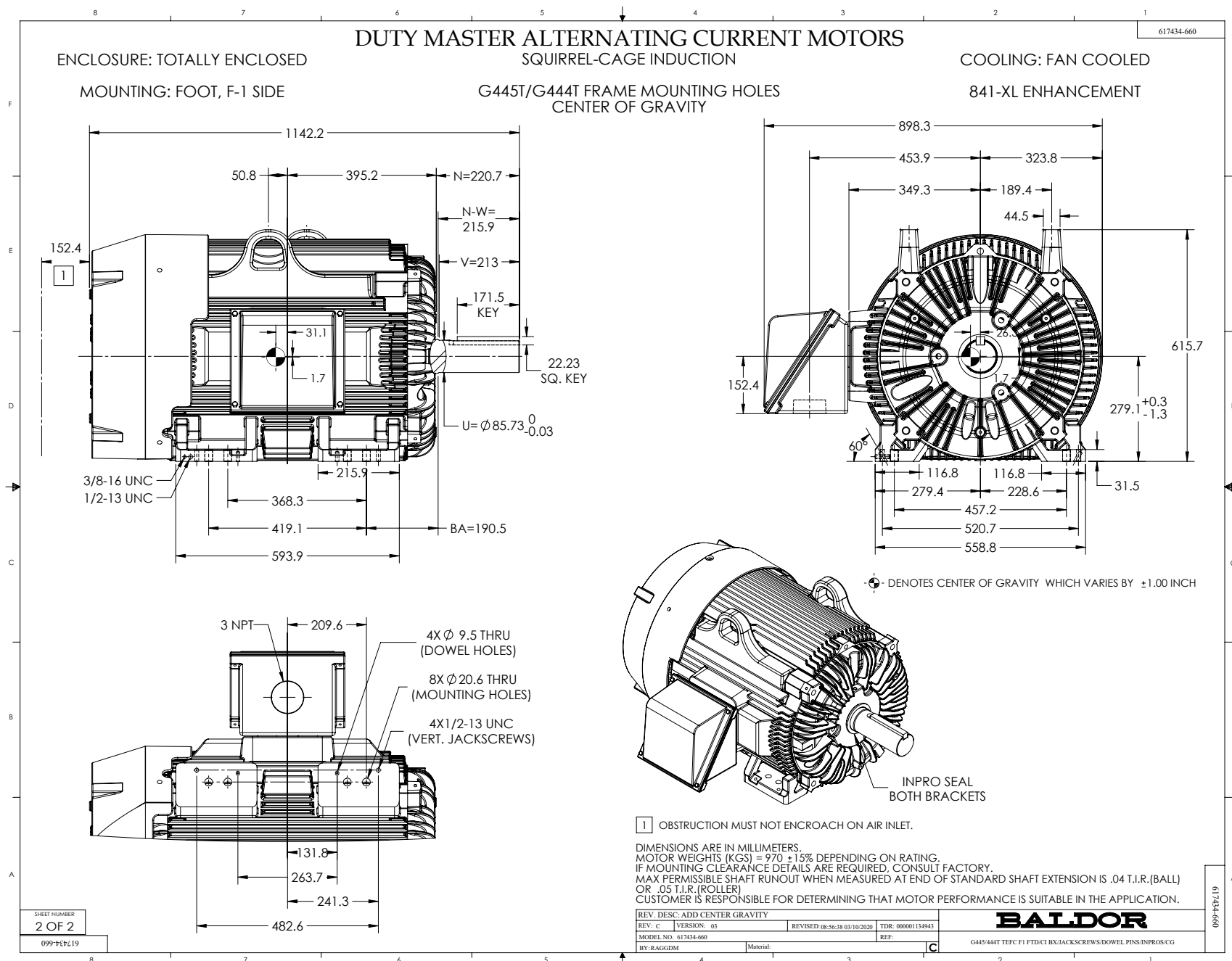
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416820-036

A-C MOTOR
CONNECTION DIAGRAM
STANDARD 3 LEAD CONNECTED



(N.P. 1575-BA)

416820-036

REV. DESC: LOADED TO BUS, C/R 335225			BALDOR CONN DIAG - STANDARD 3 LEAD SH 1 of 1
REV. LTR: -	VERSION: 00	TDR: 000000538207	
FILE: \MGA\00000\682		REVISED: 11: 54: 06 04/30/2010	
MTL: -		BY: RAGRA	