



Customer information packet

CECP4410T-4

125HP, 1785RPM, 3PH, 60HZ, 444TC, A44076M, TEF

Class - CLI GP A,B,C,D

Division - Division II

Specifications

Enclosure	TEFC
Frame	444TC
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	125.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 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	10-60
Current @ Voltage	144.000 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	95.4 %
Enclosure Modification	Severe Duty Features
Feedback Device	NO FEEDBACK
Haz Area Temp Code	T3
Heater Indicator	No Heater
High Voltage Full Load Amps	144.0 a
Insulation Class	F
Inverter Code	Inverter Ready
KVA Code	G
Motor Lead Quantity/Wire Size	3 @ 1/0 AWG
Motor Standards	NEMA

Part detail

Revision	A
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A44WG3870
Layout	617435-162
Eff. date	10-24-2024
CD Diagram	416820-036
Poles	04
Leads	3#1/0
Proprietary	False
Created date	02-18-2021

Motor Type	A44076M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	44.96 IN
Power Factor	85
Product Family	General Industrial
Pulley End Bearing Type	Ball
Pulley Face Code	C-Face
Service Factor	1.15
Shaft Diameter	3.375 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	Shaft Slinger
Speed	1785 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None

Nameplate

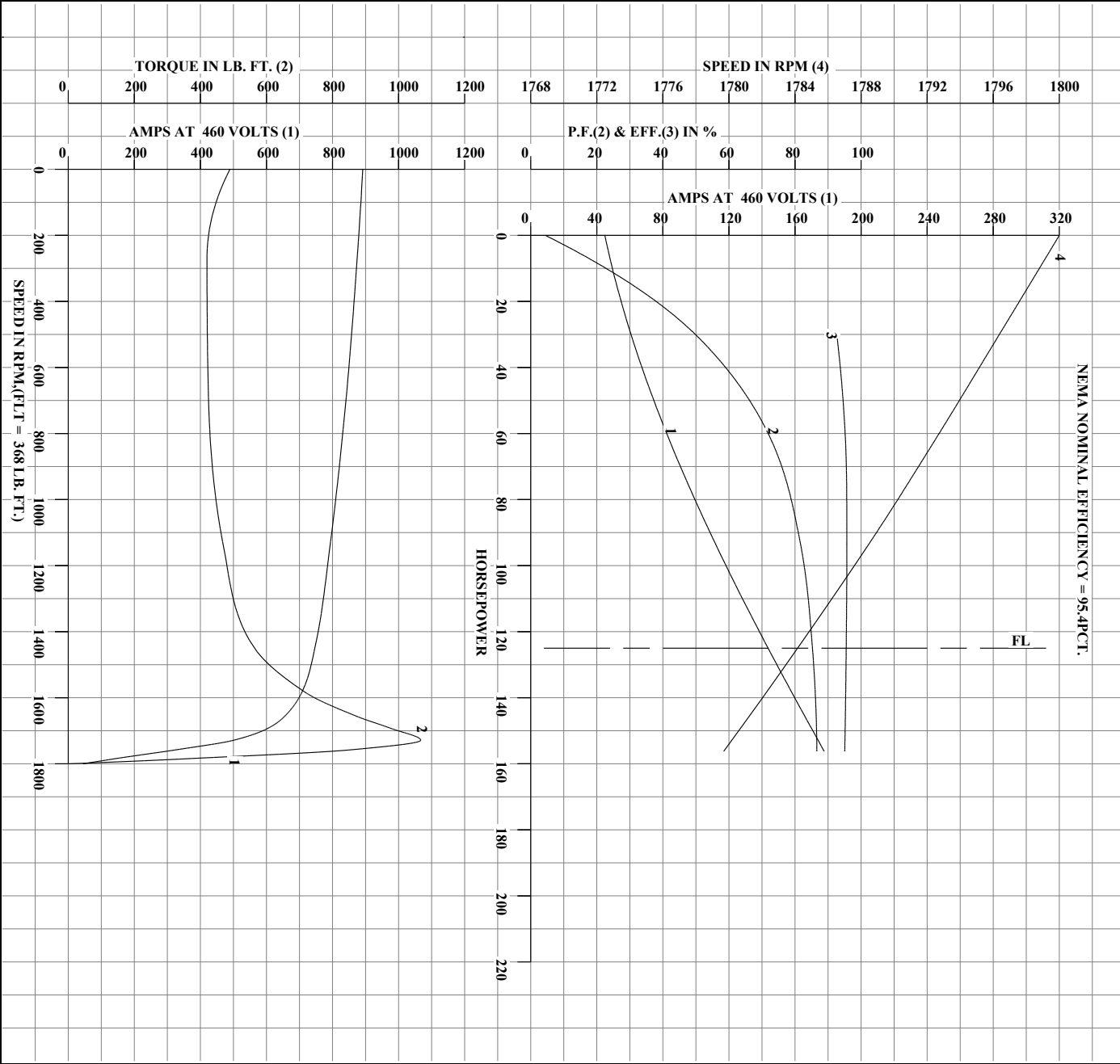
NP2496L	
MOBIL POLYREX EM	

000901002AAA	
IP55 CONSTRUCTION	

NP3238

CAT NO	CECP4410T-4			SPEC NO.		A44-9367-3870					
HP	125	AMPS	144	VOLTS		460	DESIGN	B			
FRAME	444TC	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	P	ENCL	TEFC	CODE	G		
O.D.E. BRG.	90BC03J30X			POWER FACTOR			85	NEMA NOM EFFICIENCY			95.4
3/4 LOAD EFF.	95.8	MAX CORR KVAR			27.0	GUARANTEED EFFICIENCY			94.5		
TEMP CODE	T3	TEMP =		200							
CHP HZ	60-90	CT HZ	10-60	VT HZ		0-60					
INVERTER-TEMP-CODE	T3										
SER.NO.				MOTOR WEIGHT							

REL.S.O.	444	RPM	1785	S.F.	1.15	ROTOR	418143052KE
FRAME	444	VOLTS	460	NEMA DESIGN	B	TEST S.O.	TYPICAL DATA
HP	125	AMPS	144	CODE LETTER	G	TEST DATE	--
TYPE	P	DUTY CONT		ENCLOSURE	TEFC	STATOR RES. @ 25°C	.0383
PHASE / HERTZ	3/60	AMB °C / INSUL.	40/F	E/S	498834	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: CD
CHECKED BY: CD
APPROVED BY: R. MCELVEEN
DATE: 1/18/11

AC MOTOR
PERFORMANCE
DATA

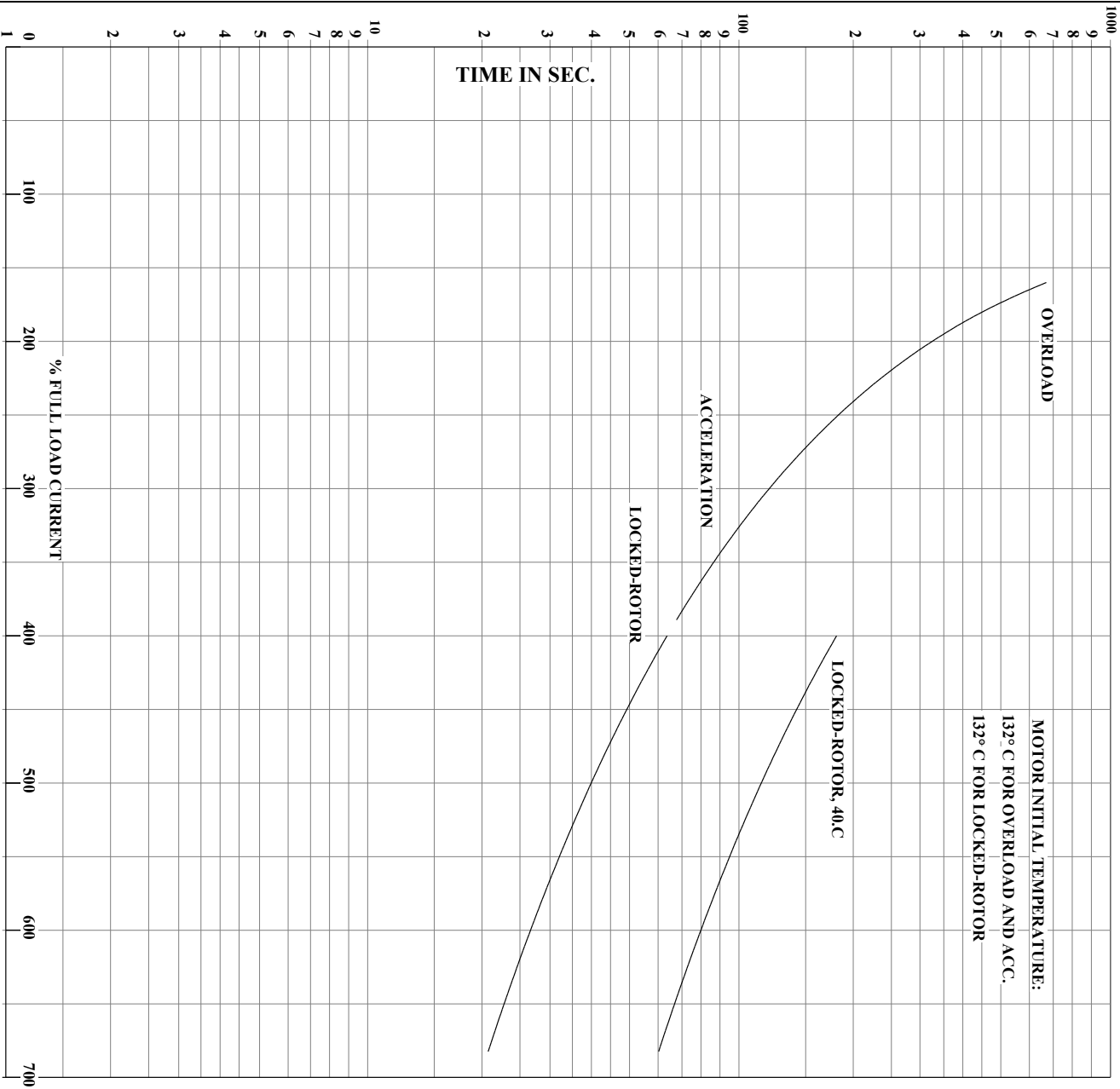
A44WG3870-R001

ISSUE DATE 05/04/21

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REL.S.O.		RPM 1785	S.F. 1.15	ROTOR 418143052KE
FRAME 444		VOLTS 460	NEMA DESIGN B	TEST S.O. TYPICAL DATA
HP 125		AMPS 144	CODE LETTER G	TEST DATE ---
TYPE P		DUTY CONT	ENCLOSURE TFC	STATOR RES. @ 25°C .0383
PHASE / HERTZ 3/60		AMB °C / INSUL 40/F	E/S 498834	OHMS (BETWEEN LINES)



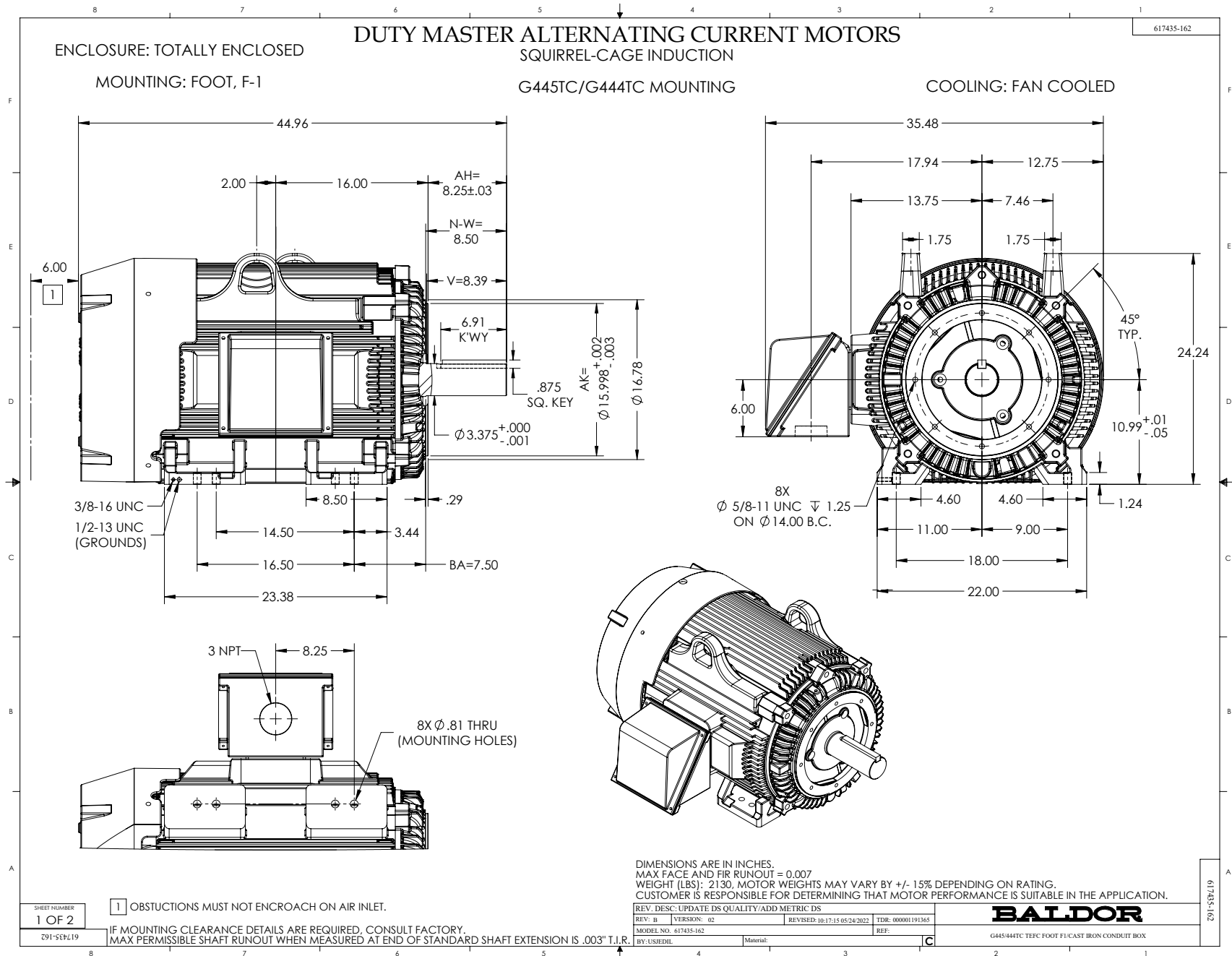
Thermal Limit Curve
NEMA Nominal Efficiency = 95.4PCT.

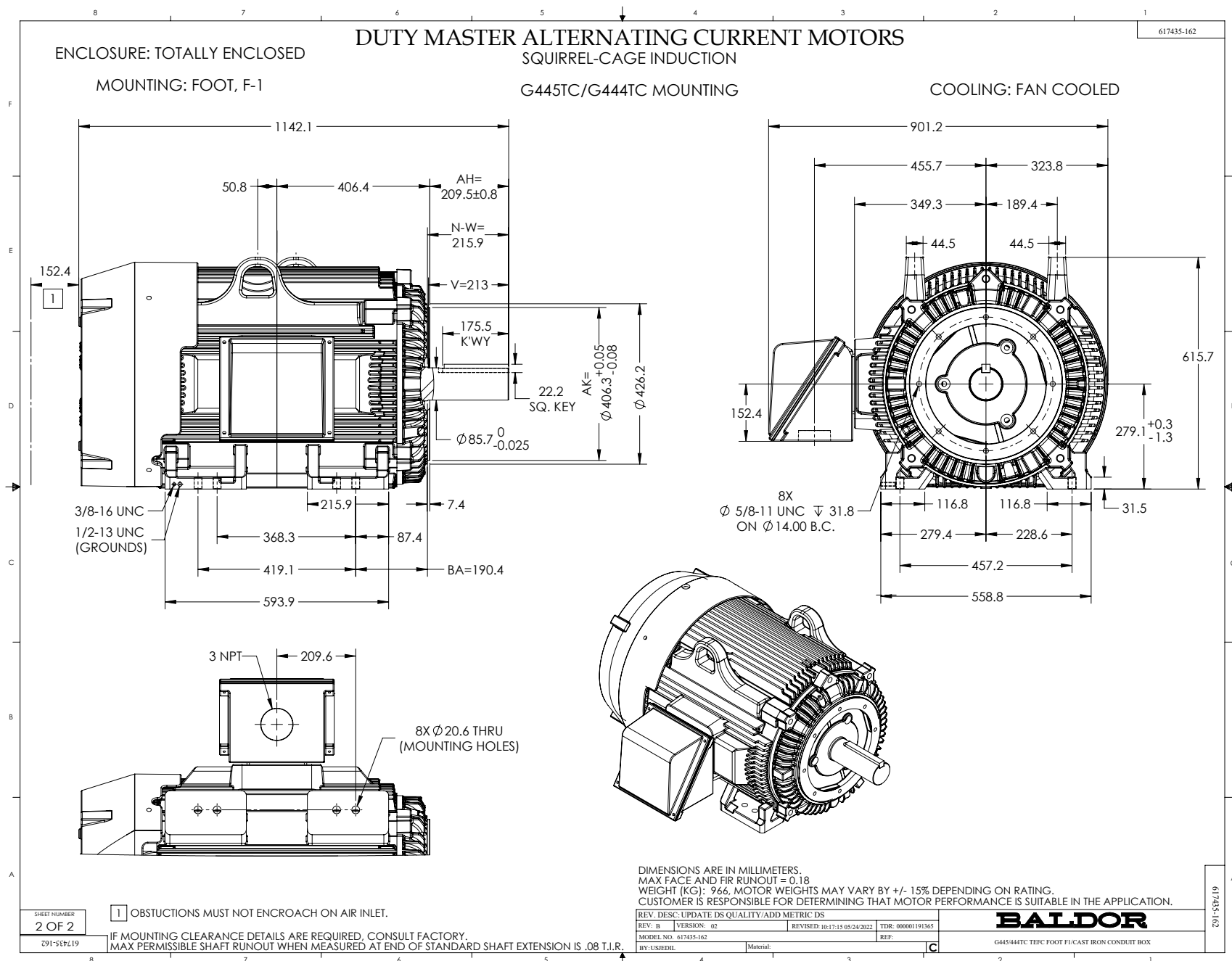
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	DRAWN BY: <u>CD</u> CHECKED BY: <u>CD</u> APPROVED BY: <u>R. MCELVEEN</u> DATE: <u>1/18/11</u>	AC MOTOR PERFORMANCE DATA	A44WG3870-R001 ISSUE DATE 05/04/21
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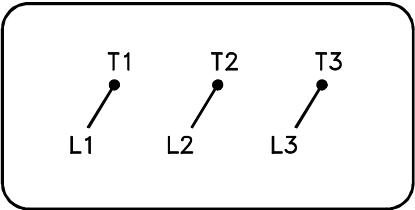
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416820-036

A-C MOTOR
CONNECTION DIAGRAM
STANDARD 3 LEAD CONNECTED



(N.P. 1575-BA)

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

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