



Customer information packet

ECP84407T-5

200HP, 1785RPM, 3PH, 60HZ, 447T, TEFC

Class - CLI GP A,B,C,D

Division - Division II

Specifications

Enclosure	TEFC
Frame	447T
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	200.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	575.0 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	30-60
Current @ Voltage	178.000 A @ 575.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	96.2 %
Enclosure Modification	841
Feedback Device	NO FEEDBACK
Haz Area Temp Code	T3
Heater Indicator	No Heater
High Voltage Full Load Amps	178.0 a
Insulation Class	F
Inverter Code	Inverter Ready
IP Rating	IP56
KVA Code	G

Part detail

Revision	F
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A44WG0891
Layout	617434-662
Eff. date	12-11-2023
CD Diagram	416820-036
Poles	04
Leads	3#1 (02 per group)
Proprietary	False
Created date	12-10-2018

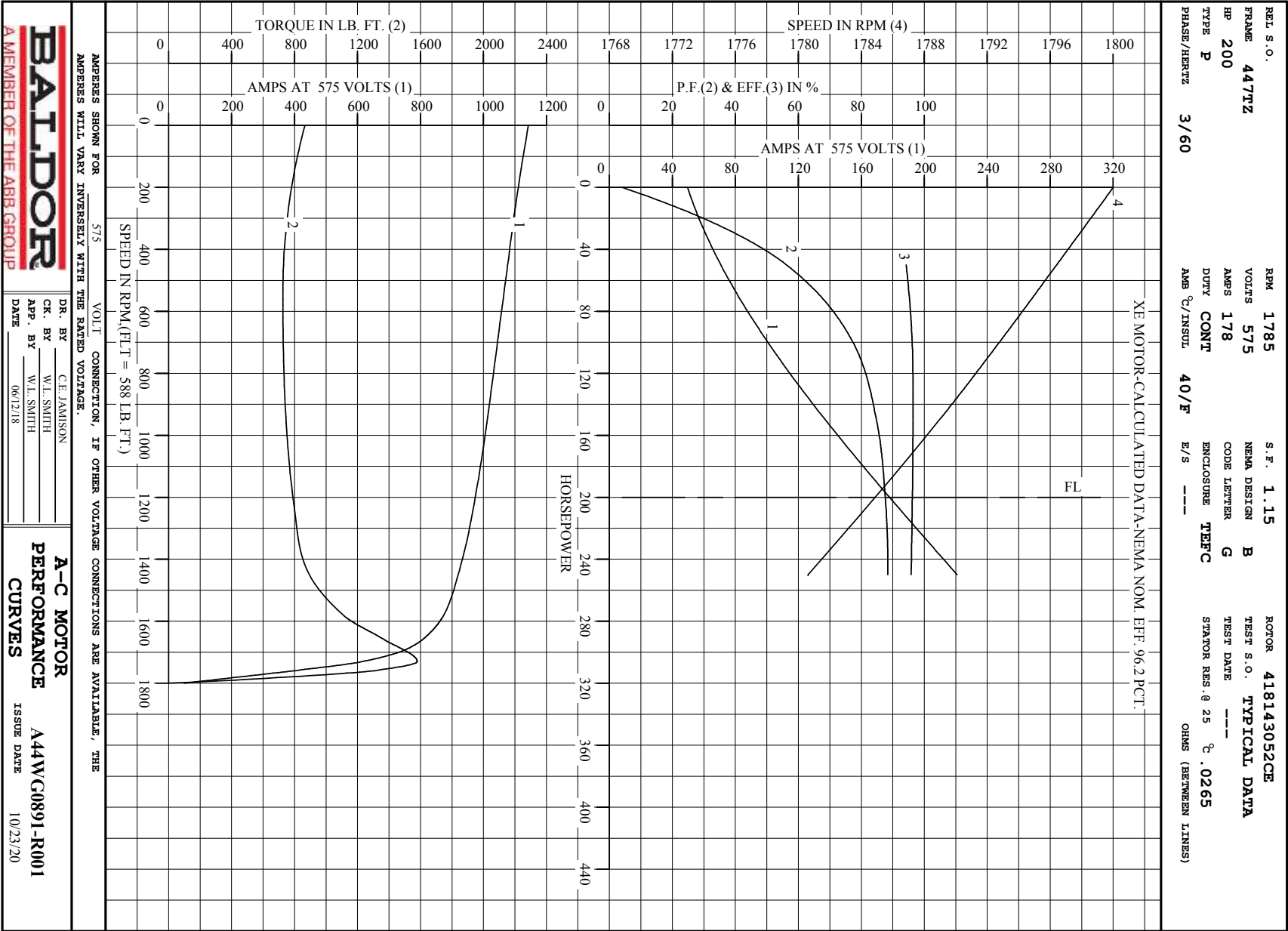
Lifting Lugs	No Lifting Lugs
Motor Lead Quantity/Wire Size	6 @ 1 AWG
Motor Standards	None
Motor Type	A44120M
Mounting Arrangement	F1
No Load Current	48.3 a
Number of Poles	4
Overall Length	48.47 IN
Power Factor	88
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Service Factor	1.15
Shaft Diameter	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

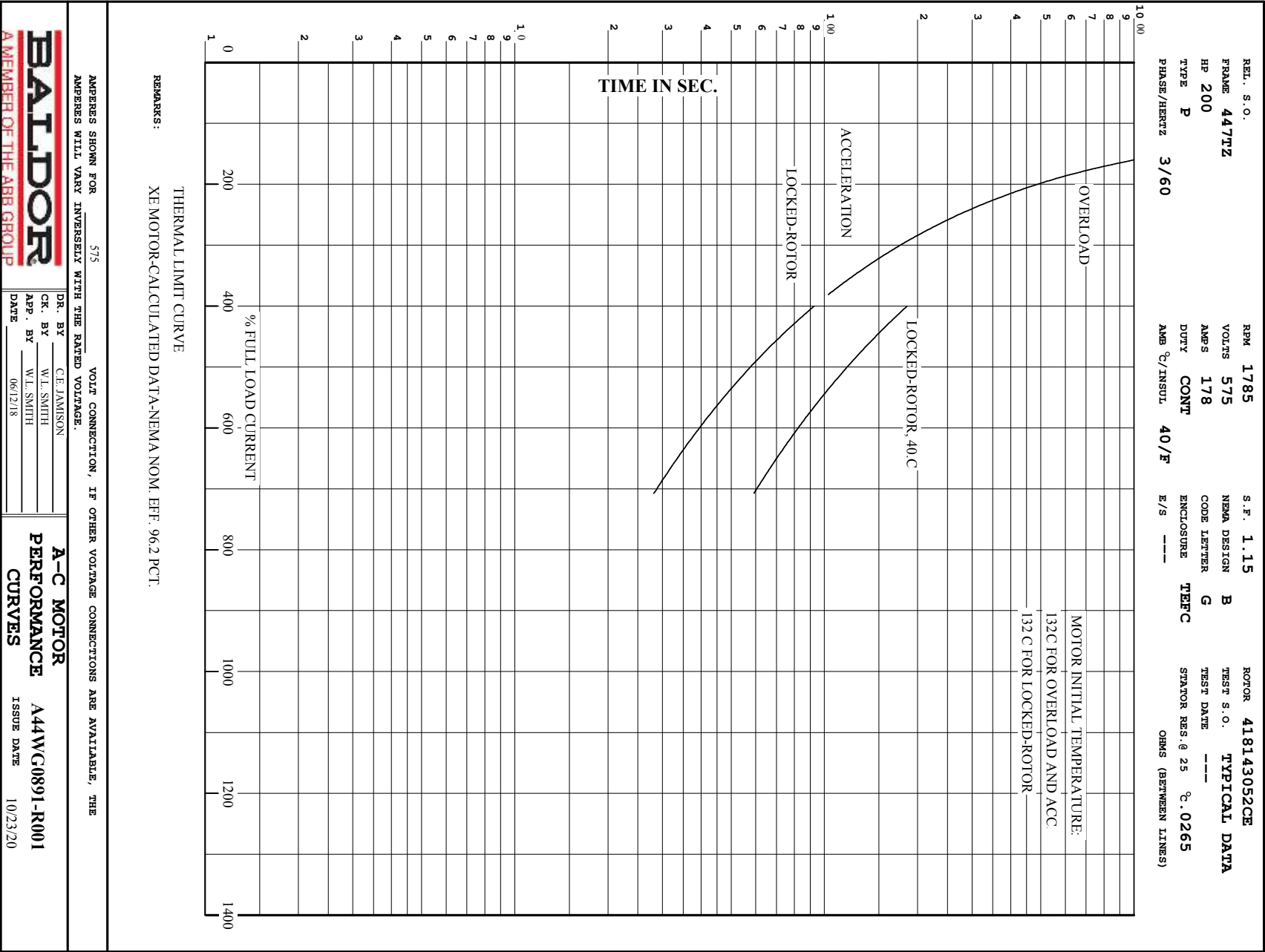
Nameplate

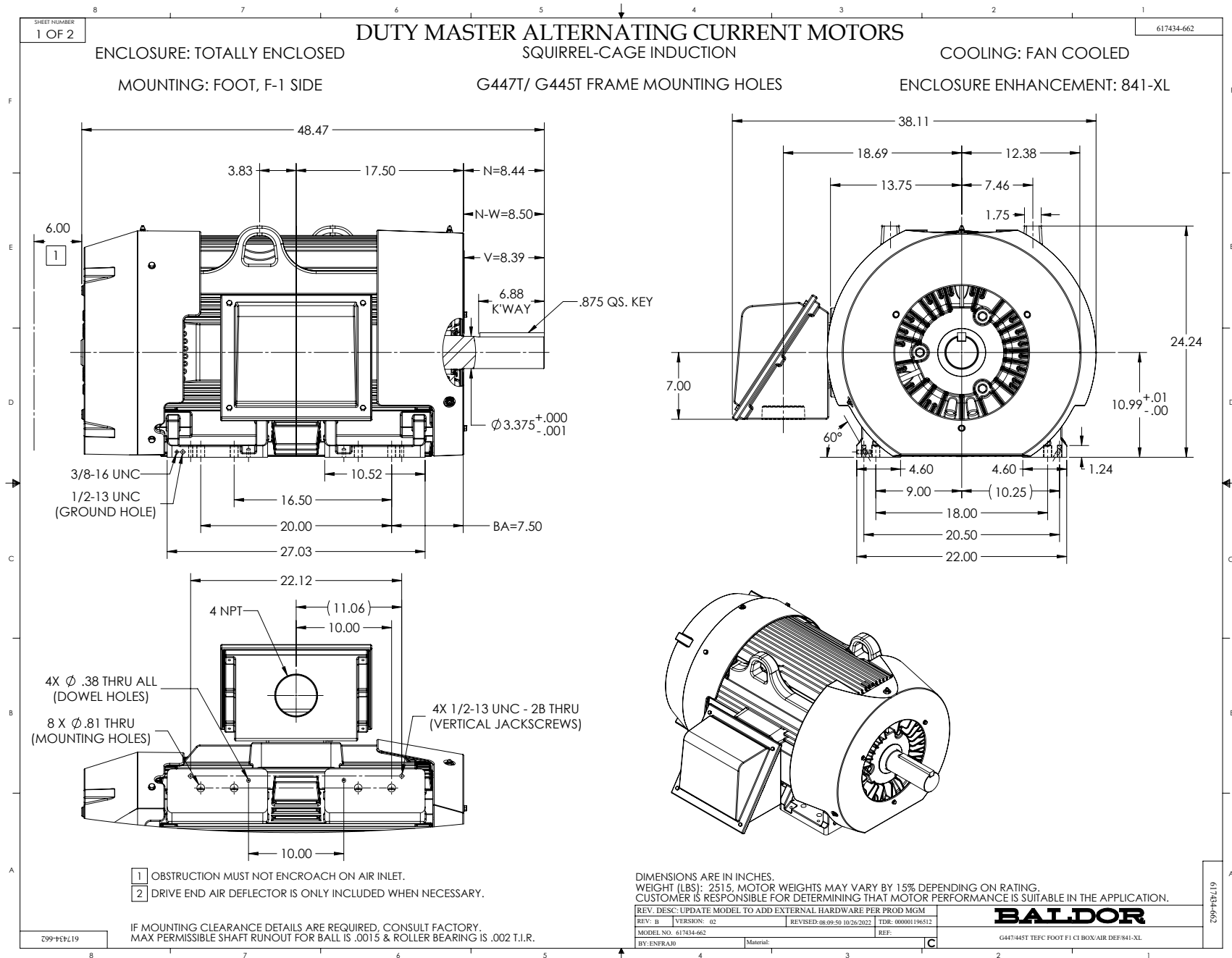
NP4566																
CAT NO	ECP84407T-5			SPEC NO.		A44-0059-0891										
HP	200	AMPS		178		VOLTS		575		DESIGN		B				
FRAME SIZE	447T	RPM		1785		HZ		60	AMB		40	SF		1.15		
D.E. BRG.DATA	6318		O.D.E. BRG.DATA			6318		PH		3	DUTY		CONT	INSUL.CLASS		
D.E. BRG.	90BC03J30X			TYPE		ENCL		TEFC		CODE		G				
O.D.E. BRG.	90BC03J30X			POWER FACTOR				88		NEMA-NOM-EFFICIENCY				96.2		
3/4 LOAD EFF.	96.5	IP		56	MAX CORR KVAR				32.0		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												

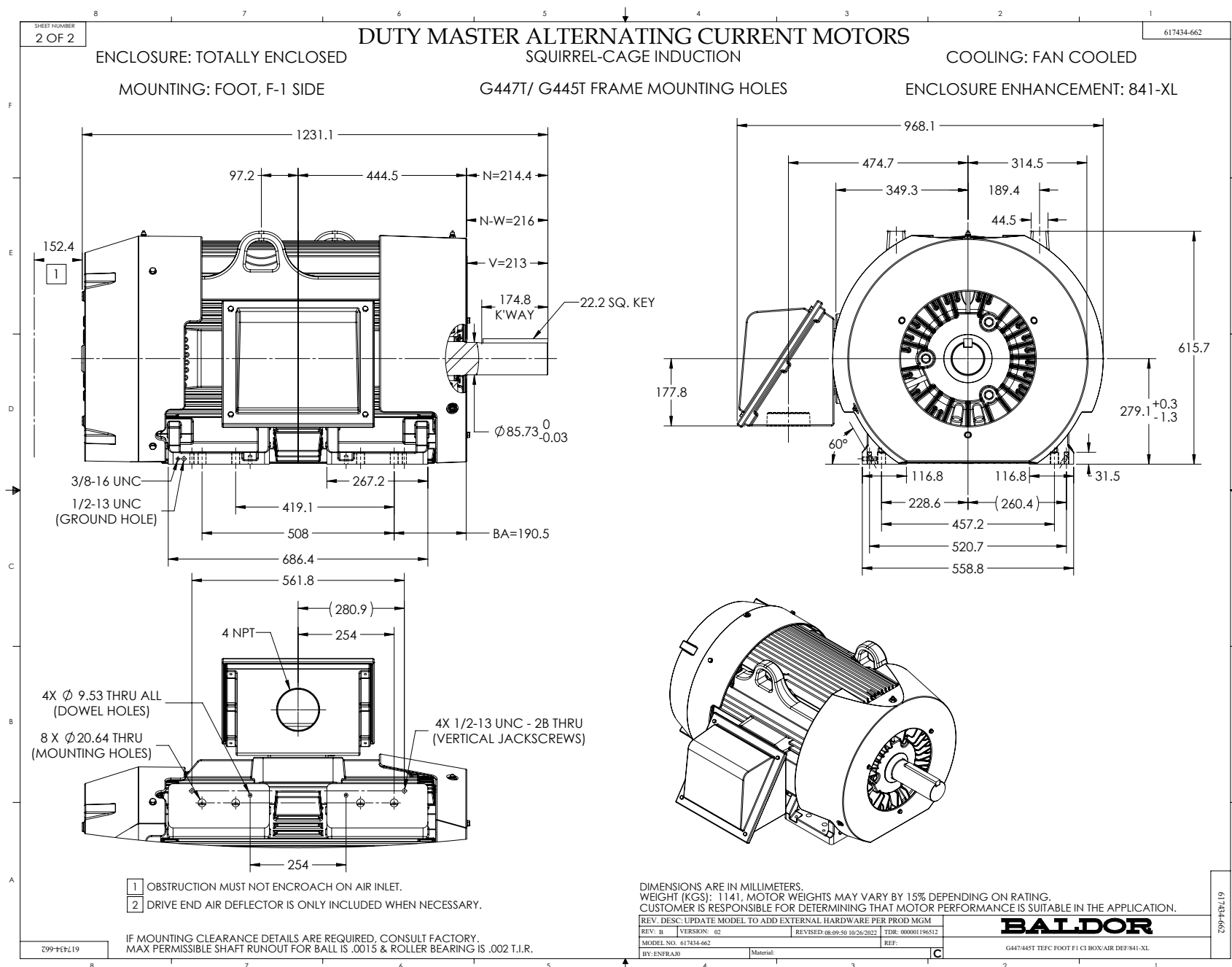
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CAT NO	ECP84407T-5	SPEC NO.	A44-0059-0891	
NO. ROTOR BARS	58	GREASE TYPE	POLYREX EM	
NO. SLOTS	72	NL AMPS AT RATED VOLTAGE		48.3
5 YEAR WARRANTY		WINDING RES @25 C	.0326	OHMS
MFG. DATE		SER.NO		









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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