



Customer information packet

ECP4412T-4

125HP, 3570RPM, 3PH, 60HZ, 444TS, A4468M, TEFC

Class - CLI GP A,B,C,D

Division - Division II

Specifications

Enclosure	TEFC
Frame	444TS
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	3600 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	15-60
Current @ Voltage	137.000 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	95.0 %
Feedback Device	NO FEEDBACK
Haz Area Temp Code	T3
Heater Indicator	No Heater
High Voltage Full Load Amps	137.0 a
Insulation Class	F
Inverter Code	Inverter Ready
KVA Code	F
Lifting Lugs	Standard Lifting Lugs
Motor Lead Quantity/Wire Size	6 @ 2 AWG
Motor Standards	NEMA

Part detail

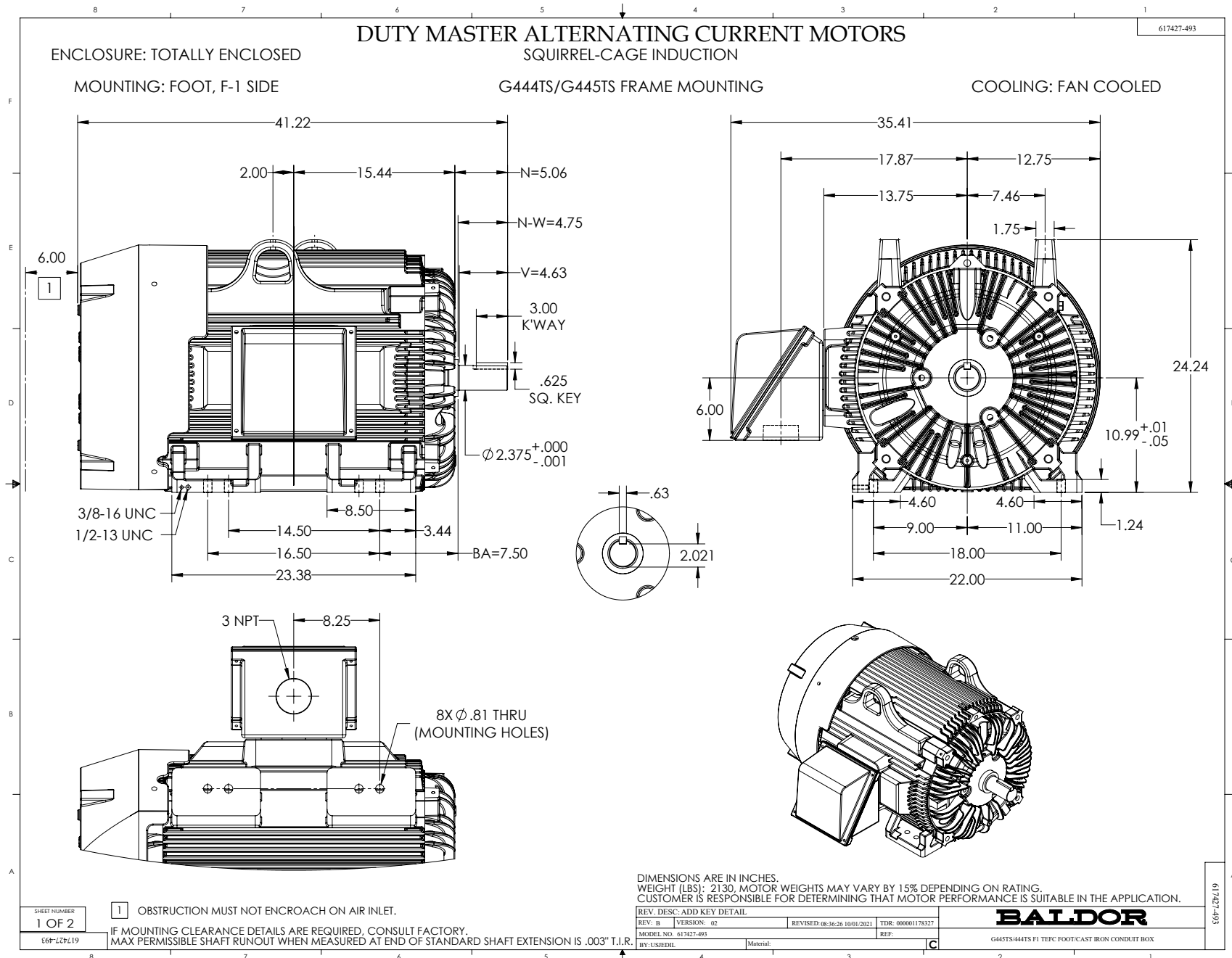
Revision	X
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A44WG3534
Layout	617427-493
Eff. date	12-10-2025
CD Diagram	416820-036
Poles	02
Leads	3#2 (02 per group)
Proprietary	False
Created date	08-16-2012

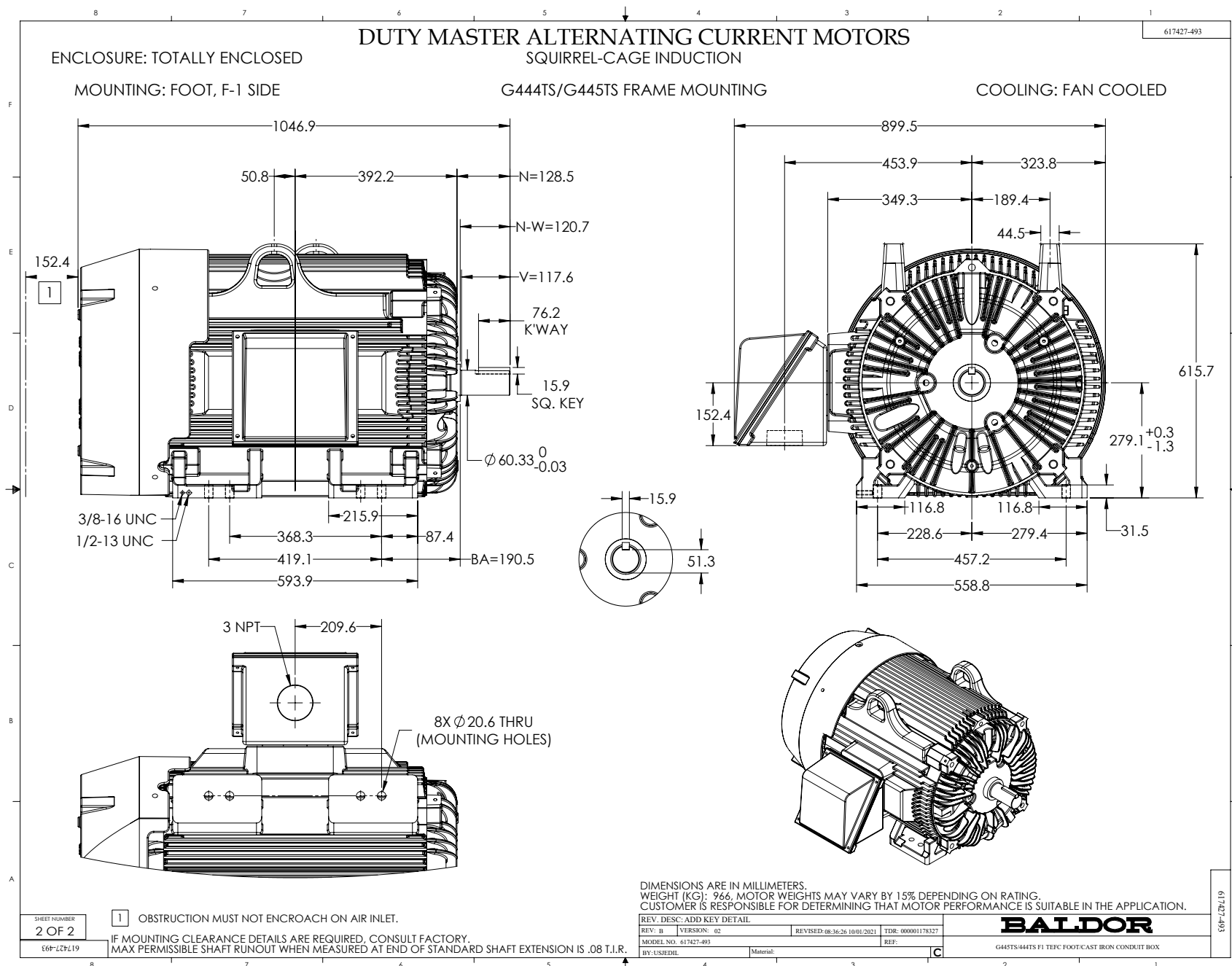
Motor Type	A4468M
Mounting Arrangement	F1
Number of Poles	2
Overall Length	40.83 IN
Power Factor	89
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Service Factor	1.15
Shaft Diameter	2.375 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	Shaft Slinger
Speed	3570 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None

Nameplate

NP3238

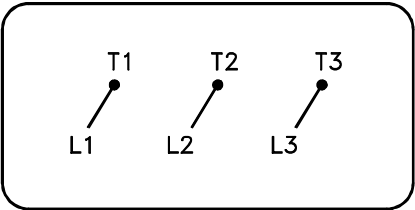
CAT NO	ECP4412T-4			SPEC NO.		P44G3943					
HP	125	AMPS	137	VOLTS		460		DESIGN	B		
FRAME	444TS	RPM	3570	HZ	60	AMB	40	SF	1.15		
D.E. BRG.DATA	6313	O.D.E. BRG.DATA			6313	PH	3	DUTY	CONT	INSUL.CLASS	F
D.E. BRG.	65BC03J30X			TYPE	P	ENCL	TEFC	CODE	F		
O.D.E. BRG.	65BC03J30X			POWER FACTOR		89	NEMA NOM EFFICIENCY				95
3/4 LOAD EFF.	95.5	MAX CORR KVAR			18.0	GUARANTEED EFFICIENCY				94.1	
TEMP CODE	T3	TEMP =	200								
CHP HZ	60-75	CT HZ	15-60	VT HZ	0-60						
INVERTER-TEMP-CODE	T3										
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			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	