



Customer information packet

ECP84412T-4

125HP, 3570RPM, 3PH, 60HZ, 444TS, TEFC, F1

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	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	137.000 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	95.0 %
Enclosure Modification	841
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
IP Rating	IP56
KVA Code	F

Part detail

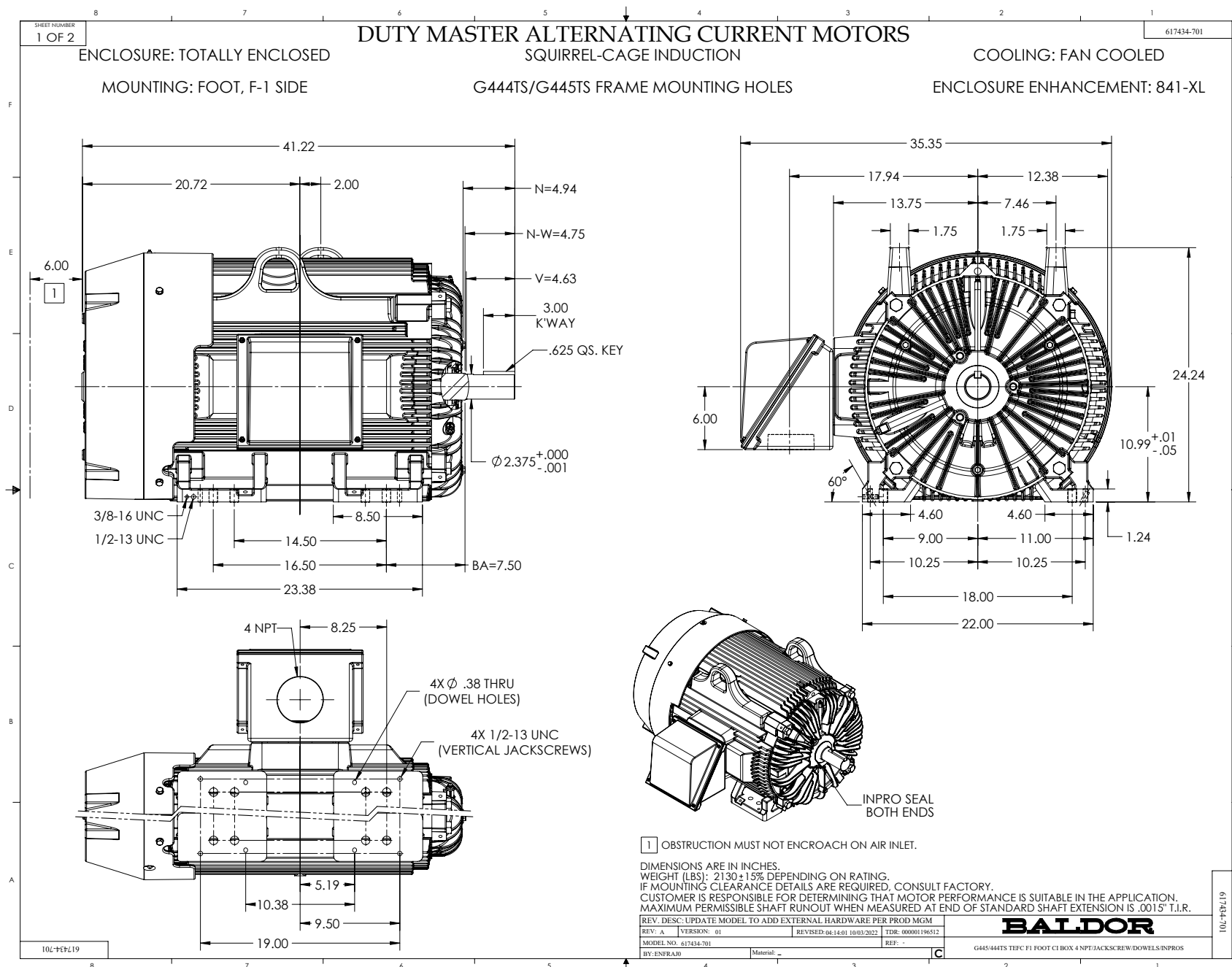
Revision	K
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A44WG3534
Layout	617434-701
Eff. date	12-10-2025
CD Diagram	416820-036
Poles	02
Leads	3#2 (02 per group)
Proprietary	False
Created date	12-12-2018

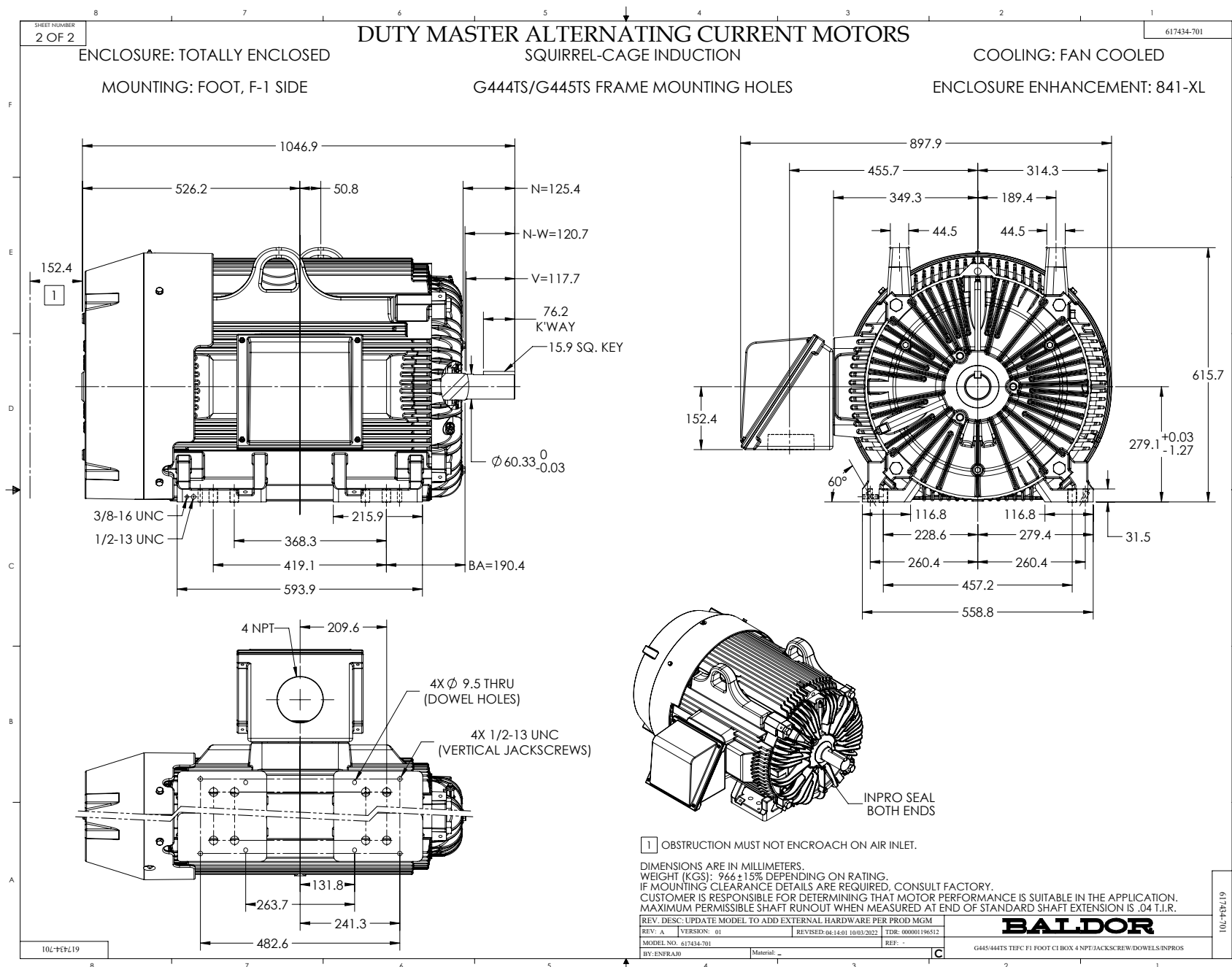
Lifting Lugs	Standard Lifting Lugs
Motor Lead Quantity/Wire Size	6 @ 2 AWG
Motor Standards	None
Motor Type	A4468M
Mounting Arrangement	F1
No Load Current	30.4 a
Number of Poles	2
Overall Length	41.22 IN
Power Factor	89
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Service Factor	1.15
Shaft Diameter	2.375 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Phase Seq-Std Rot (CCWODE)
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

NP4566														
CAT NO	ECP84412T-4			SPEC NO.		A44-5000-3534								
HP	125	AMPS		137		VOLTS		460		DESIGN		B		
FRAME SIZE	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
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.	94.9	IP	56	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										

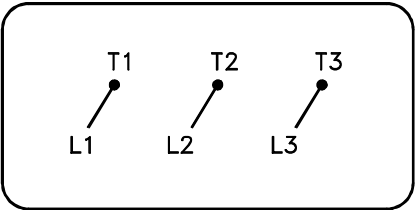
000613007EX				
CAT NO	ECP84412T-4	SPEC NO.	A44-5000-3534	
NO. ROTOR BARS	40	GREASE TYPE	POLYREX EM	
NO. SLOTS	48	NL AMPS AT RATED VOLTAGE		30.4
5 YEAR WARRANTY		WINDING RES @25 C	.03432	OHMS
MFG. DATE		SER.NO		





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