



Customer information packet

EM4412T-4

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

Class - None

Division - Not Applicable

Specifications

Enclosure	TEFC
Frame	444TS
Frame Material	Iron
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
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)
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
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
Motor Type	A4468M
Mounting Arrangement	F1

Part detail

Revision	T
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A44WG3534
Layout	617435-049
Eff. date	10-06-2025
CD Diagram	416820-036
Poles	02
Leads	3#2 (02 per group)
Proprietary	False
Created date	08-09-2012

Number of Poles	2
Overall Length	40.83 IN
Power Factor	89
Product Family	Other
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
Speed	3570 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None

Nameplate

NP2349L

SPEC NO.	P44G3901			CAT.NO.	EM4412T-4					FRAME	444TS		
HP	125	VOLTS	460		PHASE	3	DESIGN	B	TYPE	P			
RPM	3570	AMPS	137		HZ	60	AMB	40	SF	1.15			
DRIVE END BEARING	65BC03J30X			DUTY	CONT	INSUL.CLASS		F					
OPP D.E. BEARING	65BC03J30X			ENCL	TEFC	CODE	F						
SER.NO.				POWER FACTOR		89	NEMA-NOM-EFFICIENCY				95		
						MAX CORR KVAR		18.0	GUARANTEED EFFICIENCY		94.1		
						NEMA NOM/CSA QUOTED EFF							
											MOTOR WEIGHT		

Accessories

Part number	Description	Multiplier
089490104B	BRKT,DE 089490103WCA, C-Face	P1
089490108A	D-FLANGE EP MACHINING, G28 W/6313 BRG	

DUTY MASTER ALTERNATING CURRENT MOTORS
SQUIRREL-CAGE INDUCTION

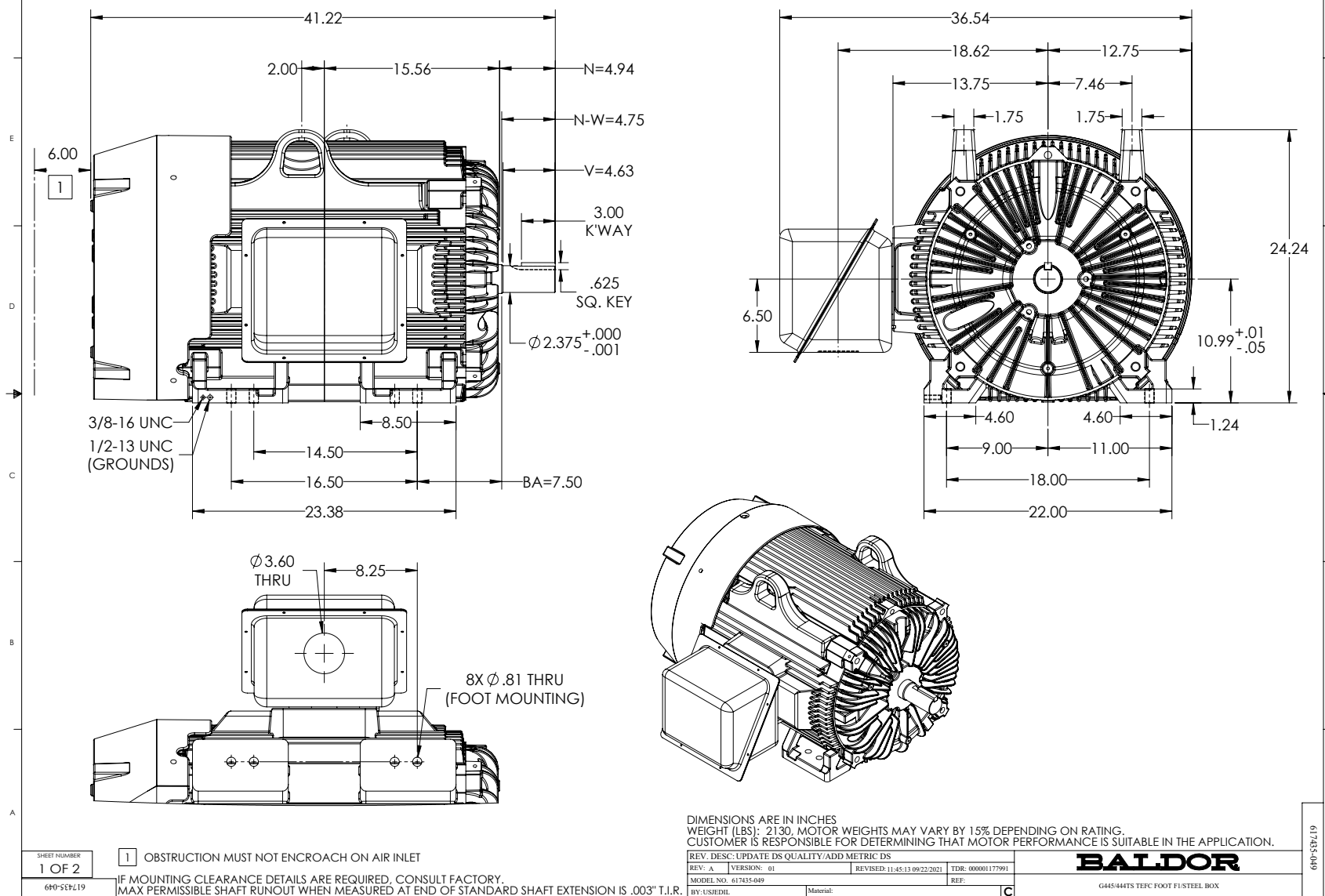
ENCLOSURE: TOTALLY ENCLOSED

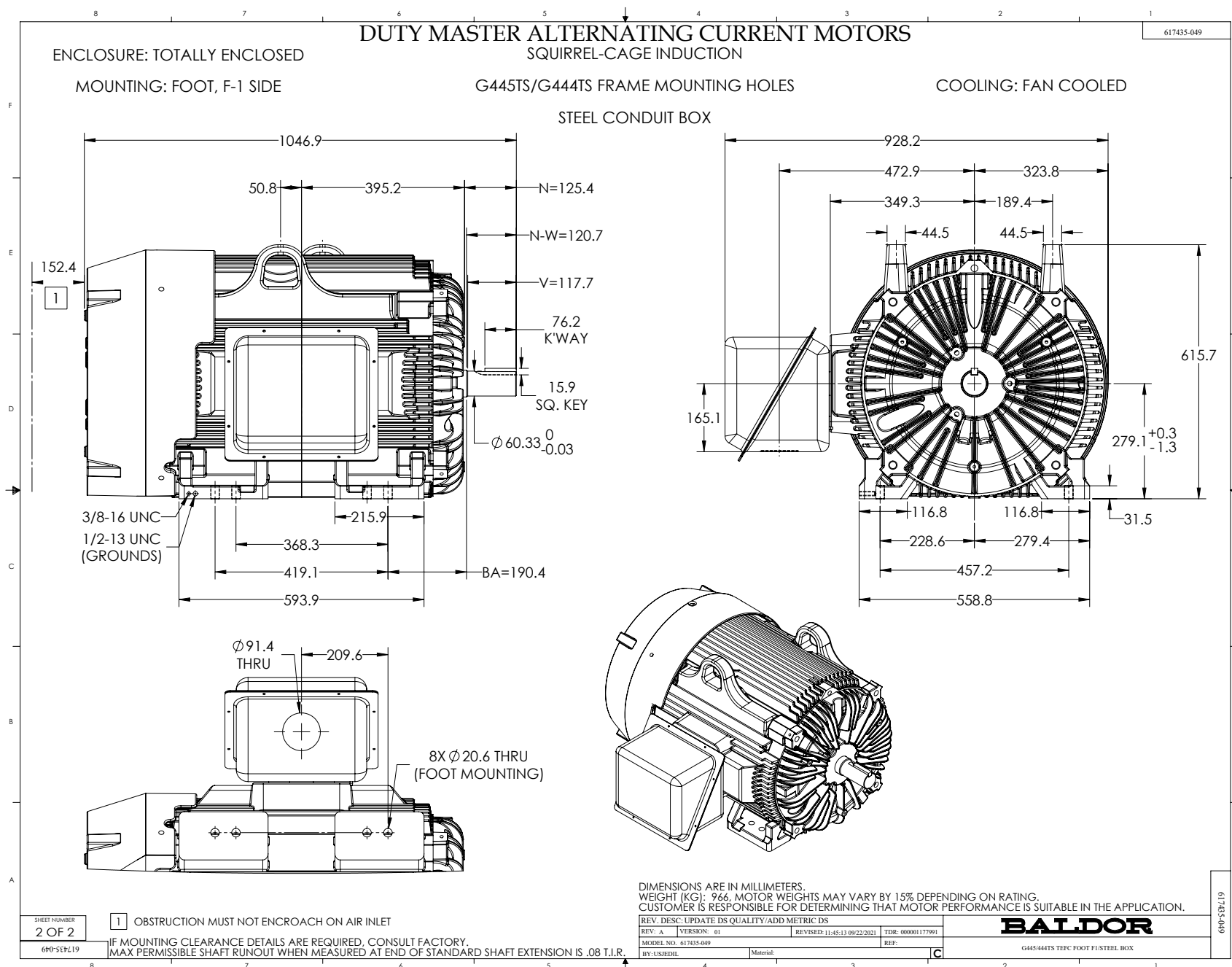
MOUNTING: FOOT, F-1 SIDE

G445TS/G444TS FRAME MOUNTING HOLES

COOLING: FAN COOLED

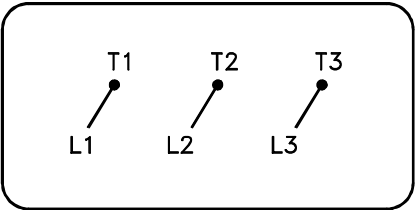
STEEL CONDUIT BOX





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	