

**BALDOR® • RELIANCE®**

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## **Customer information packet**

### **EM4410T-5**

125HP, 1785RPM, 3PH, 60HZ, 444T, A44076M, TEFC

Class - None

Division - Not Applicable

**Specifications**

<b>Enclosure</b>	TEFC
<b>Frame</b>	444T
<b>Frame Material</b>	Iron
<b>Frequency</b>	60.00 Hz
<b>Haz Area Class and Group</b>	None
<b>Haz Area Division</b>	Not Applicable
<b>Motor Letter Type</b>	Three Phase
<b>Output @ Frequency</b>	125.000 HP @ 60 HZ
<b>Phase</b>	3
<b>Synchronous Speed @ Frequency</b>	1800 RPM @ 60 HZ
<b>Voltage @ Frequency</b>	575.0 V @ 60 HZ
<b>Agency Approvals</b>	CCSAUSEEV
<b>Ambient Temperature</b>	40 °C
<b>Auxillary Box</b>	No Auxillary Box
<b>Base Indicator</b>	Rigid
<b>Bearing Grease Type</b>	Polyrex EM (-20F +300F)
<b>Current @ Voltage</b>	115.000 A @ 575.0 V
<b>Design Code</b>	B
<b>Drip Cover</b>	No Drip Cover
<b>Duty Rating</b>	CONT
<b>Efficiency @ 100% Load</b>	95.4 %
<b>Feedback Device</b>	NO FEEDBACK
<b>Heater Indicator</b>	No Heater
<b>High Voltage Full Load Amps</b>	115.0 a
<b>Insulation Class</b>	F
<b>Inverter Code</b>	Not Inverter
<b>KVA Code</b>	G
<b>Lifting Lugs</b>	Standard Lifting Lugs
<b>Motor Lead Quantity/Wire Size</b>	3 @ 1 AWG
<b>Motor Standards</b>	NEMA
<b>Motor Type</b>	A44076M
<b>Mounting Arrangement</b>	F1

**Part detail**

<b>Revision</b>	K
<b>Type</b>	AC
<b>Mech. spec.</b>	
<b>Base</b>	
<b>Status</b>	PRD/A
<b>Elec. spec.</b>	A44WG3904
<b>Layout</b>	617427-001
<b>Eff. date</b>	09-04-2024
<b>CD Diagram</b>	416820-036
<b>Poles</b>	04
<b>Leads</b>	3#1
<b>Proprietary</b>	False
<b>Created date</b>	08-13-2012

<b>Number of Poles</b>	4
<b>Overall Length</b>	44.75 IN
<b>Power Factor</b>	85
<b>Product Family</b>	Other
<b>Pulley End Bearing Type</b>	Ball
<b>Pulley Face Code</b>	Standard
<b>Service Factor</b>	1.15
<b>Shaft Diameter</b>	3.375 IN
<b>Shaft Ground Indicator</b>	No Shaft Grounding
<b>Shaft Rotation</b>	Reversible
<b>Shaft Slinger Indicator</b>	No Slinger
<b>Speed</b>	1785 rpm
<b>Speed Code</b>	Single Speed
<b>Starting Method</b>	Direct on line
<b>Thermal Device - Bearing</b>	None
<b>Thermal Device - Winding</b>	None

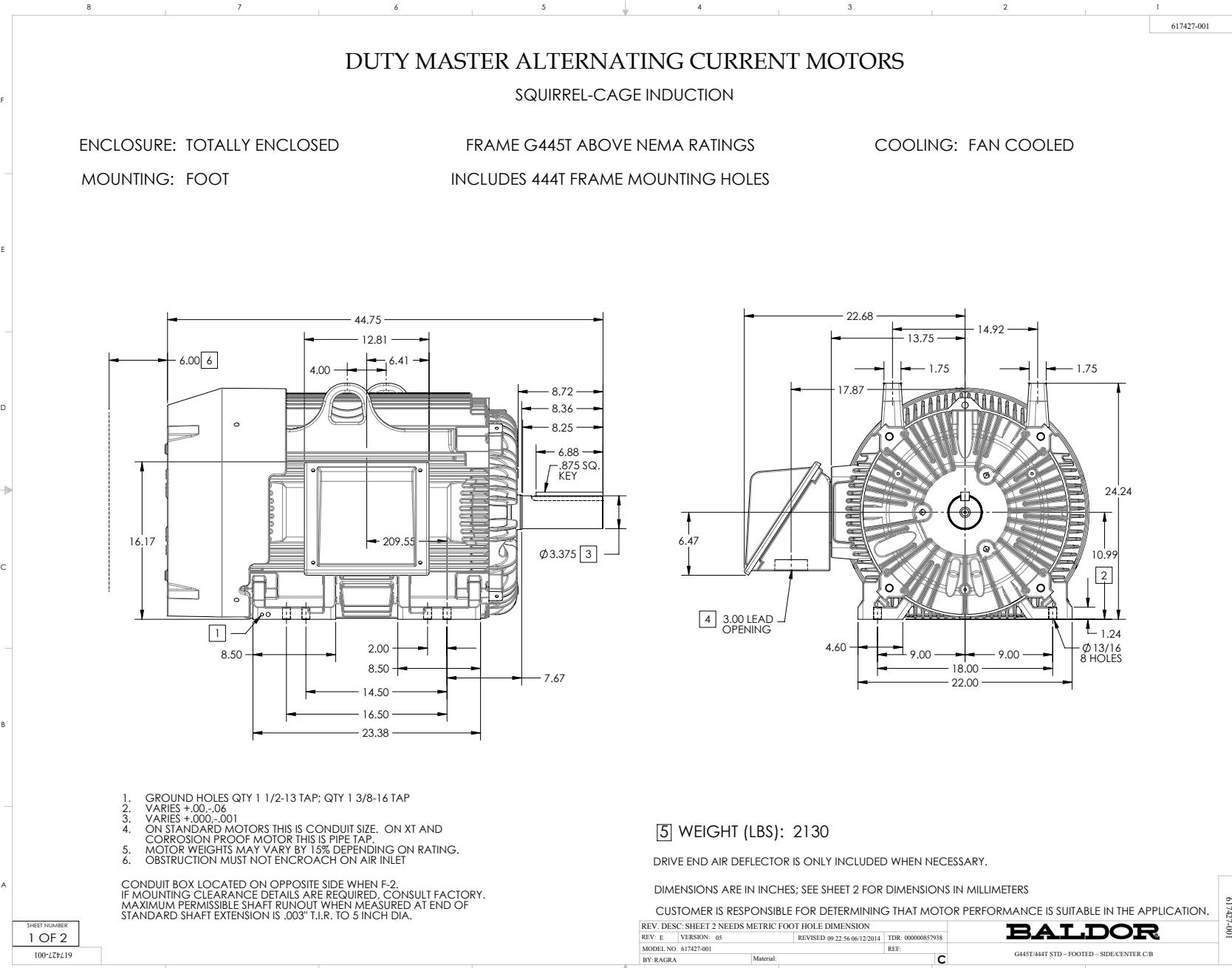
## Nameplate

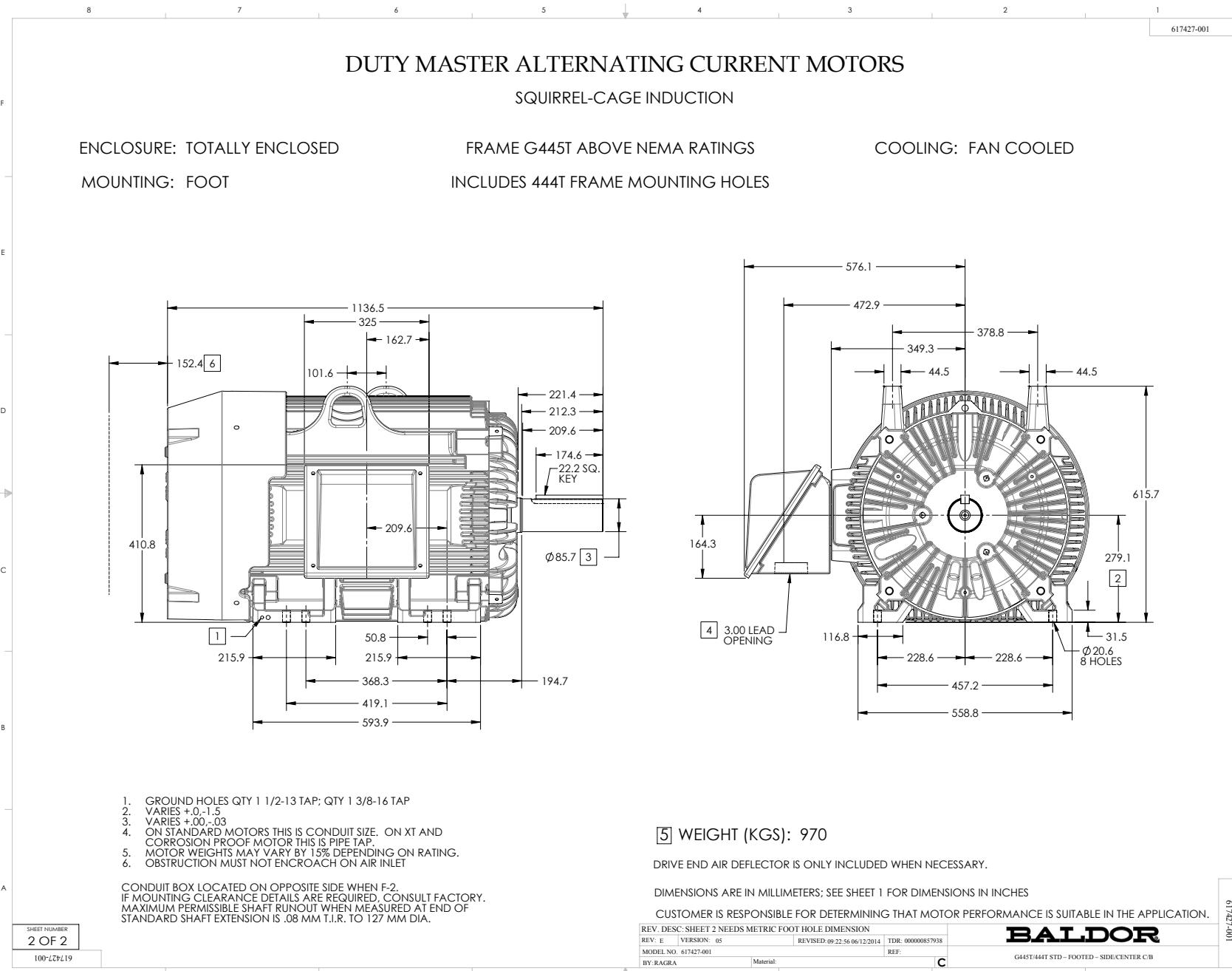
NP2349L												
SPEC NO.	P44G3903	CAT.NO.	EM4410T-5				FRAME	444T				
HP	125	VOLTS	575	PHASE	3	DESIGN	B	TYPE	P			
RPM	1785	AMPS	115	HZ	60	AMB	40	SF	1.15			
DRIVE END BEARING	90BC03J30X		DUTY	CONT	INSUL.CLASS		F					
OPP D.E. BEARING	90BC03J30X		ENCL	TEFC	CODE	G						
SER.NO.	POWER FACTOR				85	NEMA-NOM-EFFICIENCY				95.4		
						MAX CORR KVAR	27.0	GUARANTEED EFFICIENCY			94.5	
						NEMA NOM/CSA QUOTED EFF						
						MOTOR WEIGHT				1669		





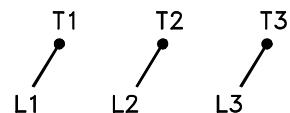






416820-036

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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