

BALDOR® • RELIANCE®

Customer information packet

EM4407TR-4

200HP, 1785RPM, 3PH, 60HZ, 447T, A44120M, TEFC

Class - None

Division - Not Applicable

Specifications

Enclosure	TEFC
Frame	447T
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	200.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	460.0 V @ 60 HZ
Agency Approvals	CCSA US CCSAUSEEV
Ambient Temperature	40 °C
Auxillary Box	No Auxillary Box
Base Indicator	Rigid
Bearing Grease Type	Mobil SHC 220 (Athens Only)
Current @ Voltage	222.000 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	96.2 %
Enclosure Modification	841
Feedback Device	NO FEEDBACK
Heater Indicator	No Heater
High Voltage Full Load Amps	222.0 a
Insulation Class	F
Inverter Code	Inverter Ready
KVA Code	G
Lifting Lugs	No Lifting Lugs
Motor Lead Quantity/Wire Size	6 @ 1/0 AWG
Motor Standards	Other

Part detail

Revision	R
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A44WG0690
Layout	617427-002
Eff. date	09-04-2024
CD Diagram	416820-036
Poles	04
Leads	3#1/0 (02 per group)
Proprietary	False
Created date	08-10-2012

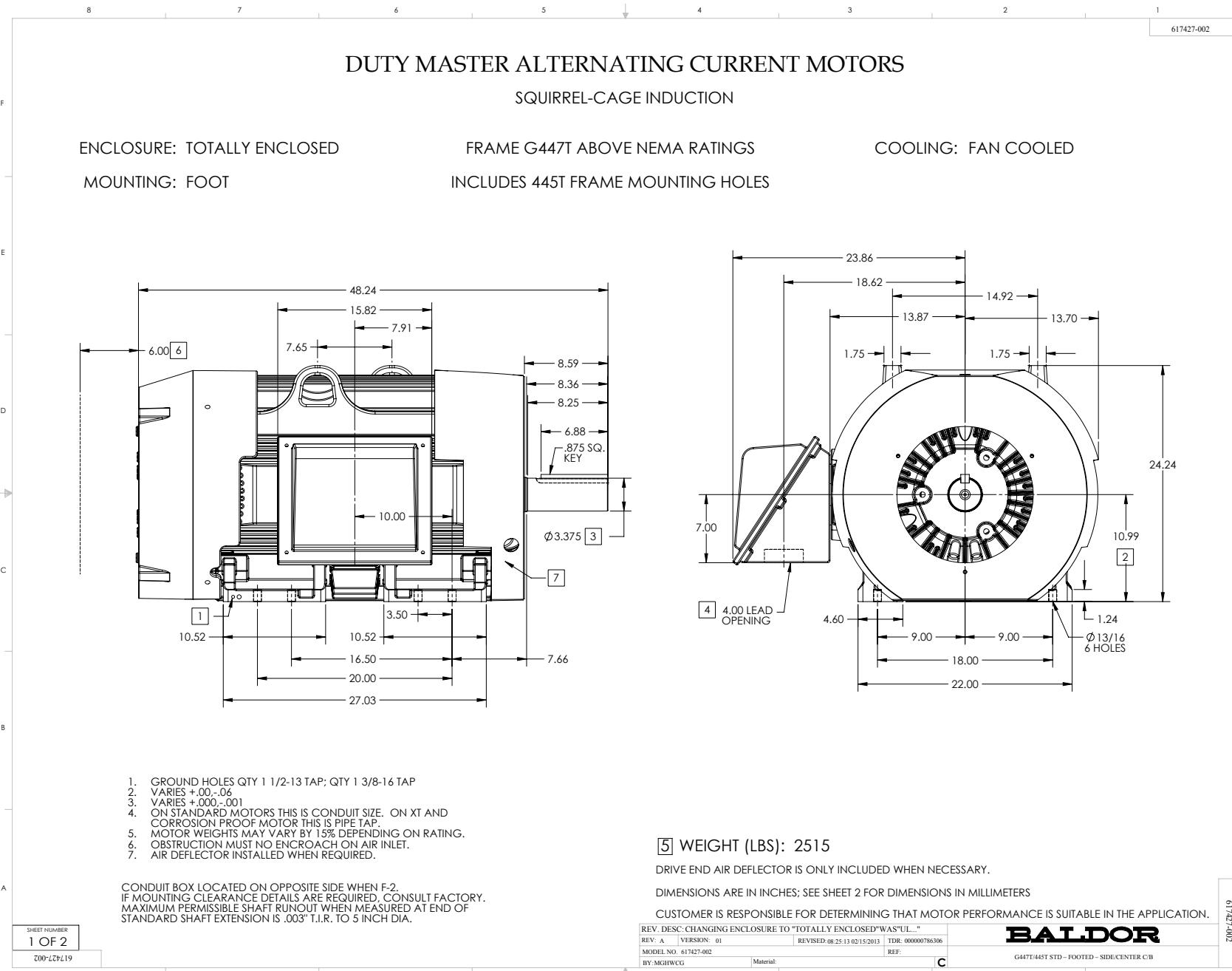
Motor Type	A44120M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	48.24 IN
Power Factor	87
Pulley End Bearing Type	Roller
Pulley Face Code	Standard
Service Factor	1.15
Shaft Diameter	3.375 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1785 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None

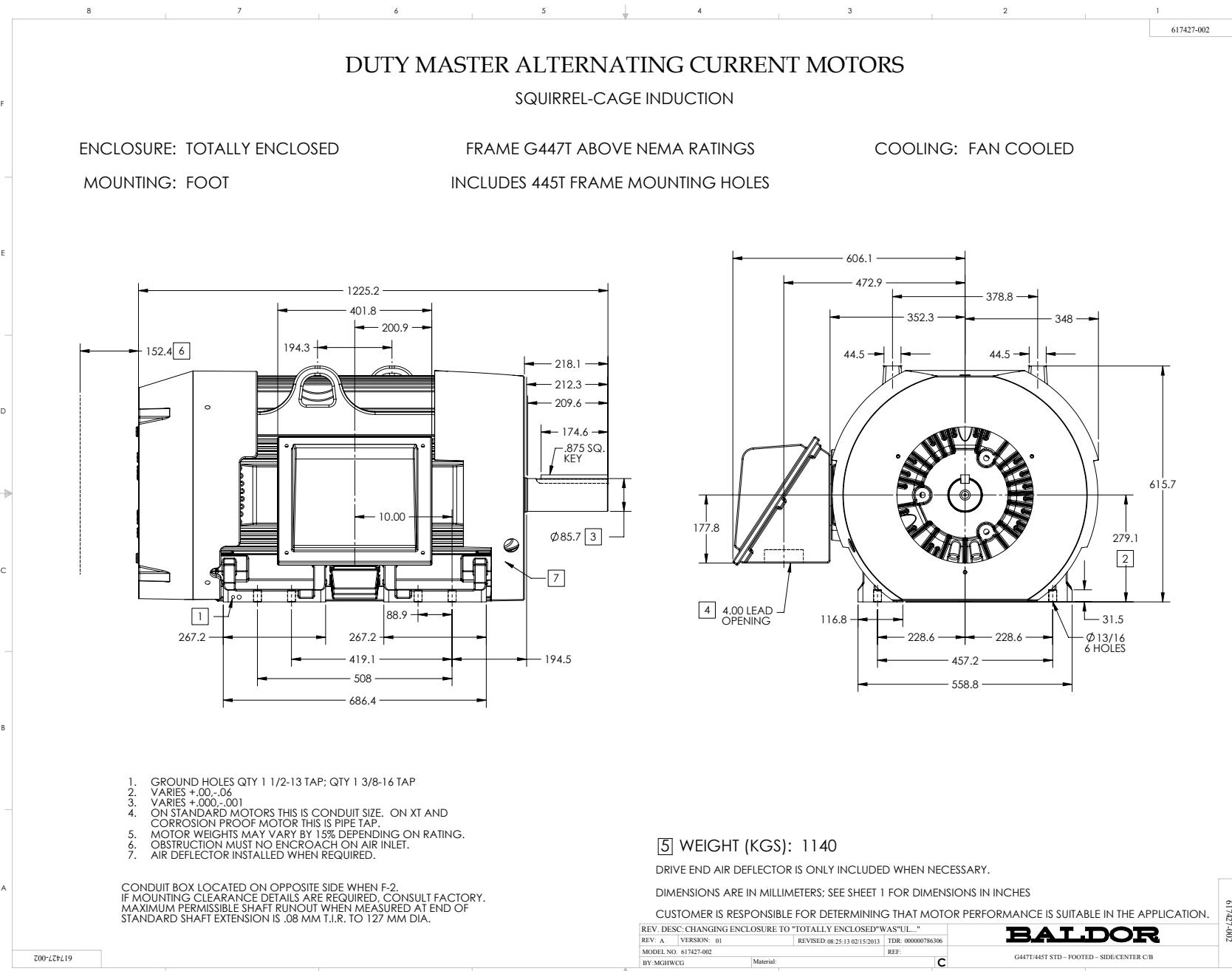
Nameplate

NP2349L													
SPEC NO.	P44G3913	CAT.NO.	EM4407TR-4				FRAME	447T					
HP	200	VOLTS	460	PHASE	3	DESIGN	B	TYPE	P				
RPM	1785	AMPS	222	HZ	60	AMB	40	SF	1.15				
DRIVE END BEARING	110RU02M30X		DUTY	CONT	INSUL.CLASS		F						
OPP D.E. BEARING	90BC03J30X		ENCL	TEFC	CODE	G							
SER.NO.	POWER FACTOR				87	NEMA-NOM-EFFICIENCY				96.2			
	MAX CORR KVAR				32.0	GUARANTEED EFFICIENCY				95.4			
	NEMA NOM/CSA QUOTED EFF							MOTOR WEIGHT					

NP2496L

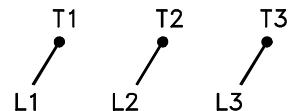
MOBIL SHC -220 GREASE





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

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CONN DIAG - STANDARD 3 LEAD

SH 1 of 1

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