



Customer information packet

ECP84408TR-4

250HP, 1785RPM, 3PH, 60HZ, 449T, A44160M, TEFC

Class - CLI GP A,B,C,D

Division - Division II

Specifications

Enclosure	TEFC
Frame	449T
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	250.000 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	1800 RPM @ 60 HZ
Voltage @ Frequency	460.0 V @ 60 HZ
Agency Approvals	C UR US CCSA US CCSAUSEEV CURUS
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Base Indicator	Rigid
Bearing Grease Type	Mobil SHC 220 (Athens Only)
Constant Torque Speed Range	30-60
Current @ Voltage	274.000 A @ 460.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	96.2 %
Feedback Device	NO FEEDBACK
Haz Area Temp Code	T3
Heater Indicator	No Heater
High Voltage Full Load Amps	274.0 a
Insulation Class	F
Inverter Code	Inverter Ready
KVA Code	G

Part detail

Revision	A
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A44WG5175
Layout	617434-667
Eff. date	07-14-2025
CD Diagram	416820-036
Poles	04
Leads	3#2/0 (02 per group)
Proprietary	False
Created date	05-21-2025

Lifting Lugs	No Lifting Lugs
Motor Lead Quantity/Wire Size	6 @ 2/0 AWG
Motor Standards	Other
Motor Type	A44160M
Mounting Arrangement	F1
No Load Current	79.3 a
Number of Poles	4
Overall Length	53.49 IN
Power Factor	88
Pulley End Bearing Type	Roller
Pulley Face Code	C-Face
Service Factor	1.15
Shaft Diameter	3.375 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Phase Seq-Std Rot (CCWODE)
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

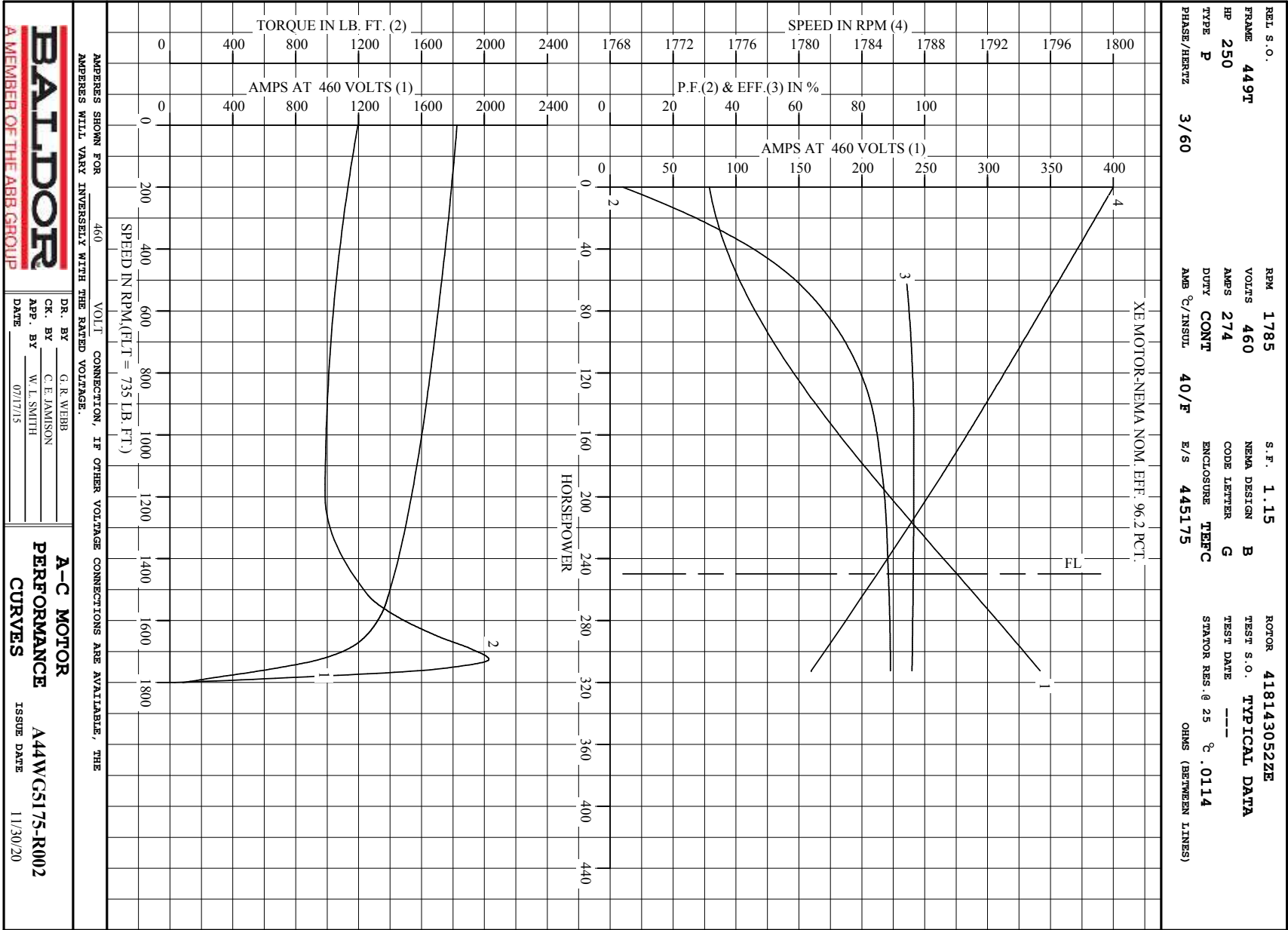
Nameplate

NP4566

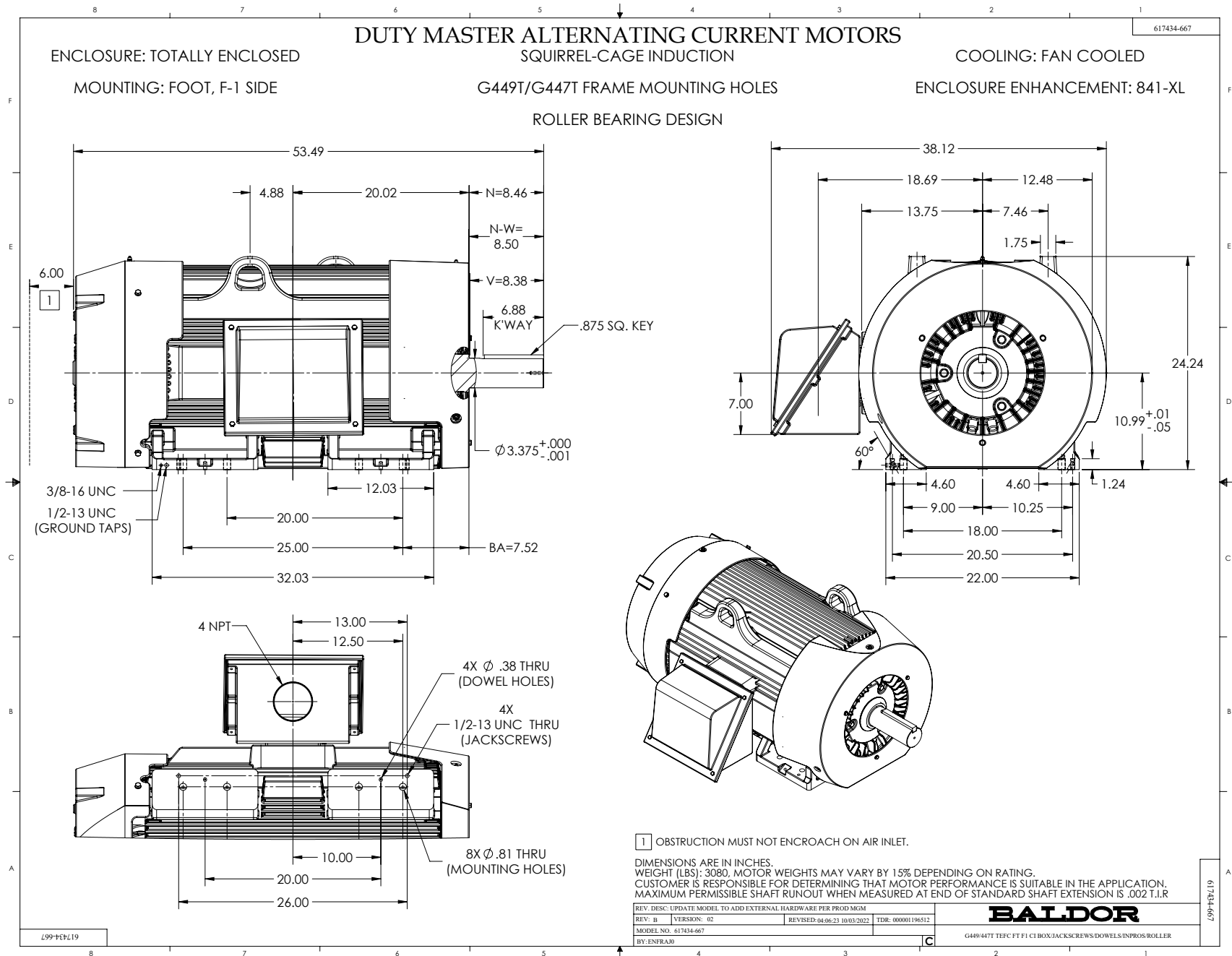
CAT NO	ECP84408TR-4			SPEC NO.		A44-0002-5175							
HP	250	AMPS	274		VOLTS		460		DESIGN	B			
FRAME SIZE	449T	RPM	1785	HZ	60	AMB	40	SF	1.15				
D.E. BRG.DATA	NU222	O.D.E. BRG.DATA			6318		PH	3	DUTY	CONT	INSUL.CLASS	F	
D.E. BRG.	110RU02M30X		TYPE	ENCL	TEFC	CODE	G						
O.D.E. BRG.	90BC03J30X		POWER FACTOR			88		NEMA-NOM-EFFICIENCY			96.2		
3/4 LOAD EFF.	96.5	IP	56	MAX CORR KVAR			38		GUARANTEED EFFICIENCY			95.4	
TEMP CODE	T3	TEMP =	200										
CHP HZ	60-90	CT HZ	30-60	VT HZ	0-60								
INVERTER-TEMP-CODE	T3												
SER.NO.				MOTOR WEIGHT									

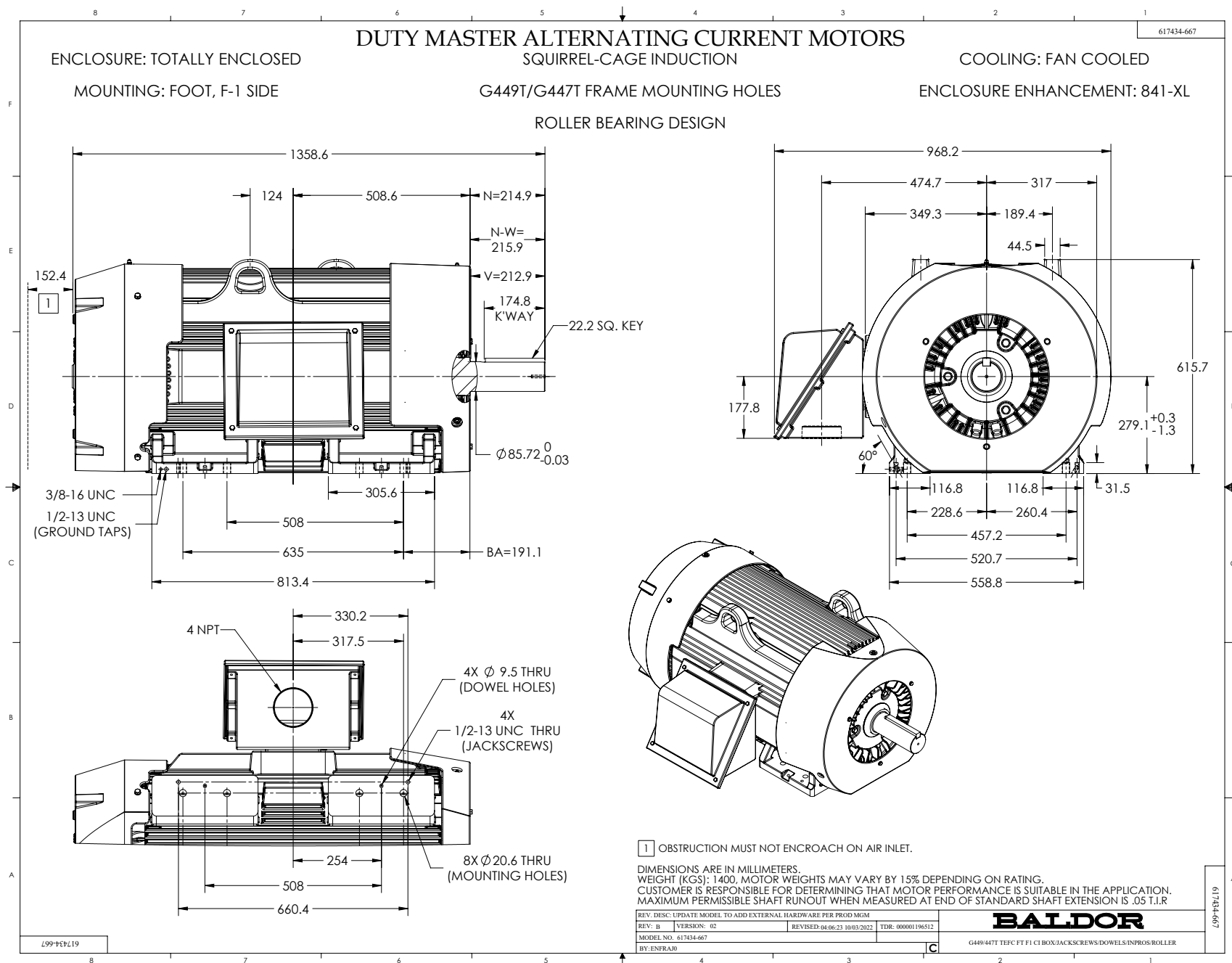
000613007EX					
CAT NO	ECP84408TR-4	SPEC NO.	A44-0002-5175		
NO. ROTOR BARS	58	GREASE TYPE	MOBIL SHC 220		
NO. SLOTS	72	NL AMPS AT RATED VOLTAGE		79.3	
5 YEAR WARRANTY		WINDING RES @25 C	.0114		OHMS
MFG. DATE		SER.NO			

NP2496L	
MOBIL SHC -220 GREASE	



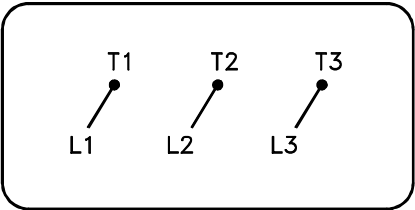
Printed on 11/30/20 14:09 @ bengap01.t





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

416820-036