



Customer information packet

DRX44244T

200HP, 1785RPM, 3PH, 60HZ, 447T, TEFC, F1

Class - CLI GP C,D

Division - Division I

Specifications

Enclosure	TEFC
Frame	447T
Frame Material	Iron
Frequency	60.00 Hz
Haz Area Class and Group	CLI GP C,D
Haz Area Division	Division I
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	UL CSA CCSAUSEEV
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Constant Torque Speed Range	6-60
Current @ Voltage	222.000 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	T3C
Heater Indicator	No Heater
High Voltage Full Load Amps	222.0 a
Insulation Class	F
Inverter Code	Inverter Ready
IP Rating	NONE
KVA Code	G

Part detail

Revision	A
Type	AC
Mech. spec.	
Base	
Status	PRD/A
Elec. spec.	A44WG0690
Layout	617426-356
Eff. date	05-06-2024
CD Diagram	416820-036
Poles	04
Leads	3#1/0 (02 per group)
Proprietary	False
Created date	03-12-2019

Max Speed	3600 rpm
Motor Lead Quantity/Wire Size	6 @ 1/0 AWG
Motor Standards	NEMA
Motor Type	A44120M
Mounting Arrangement	F1
Number of Poles	4
Overall Length	48.47 IN
Power Factor	87
Product Family	General Industrial
Pulley End Bearing Type	Ball
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	Shaft Slinger
Speed	1785 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	Normally Closed Thermostat

Nameplate

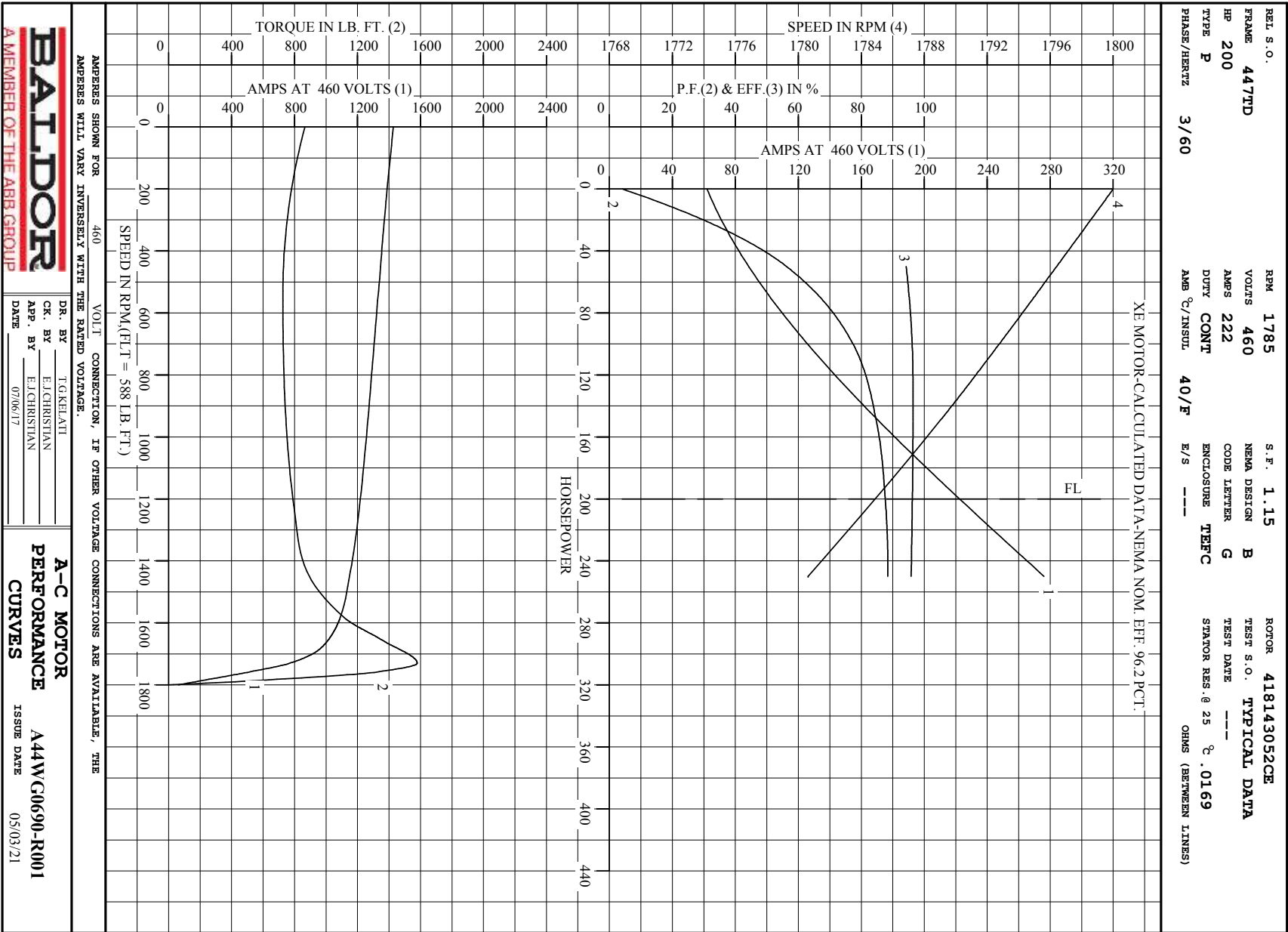
NP2496L	
MOBIL POLYREX EM	

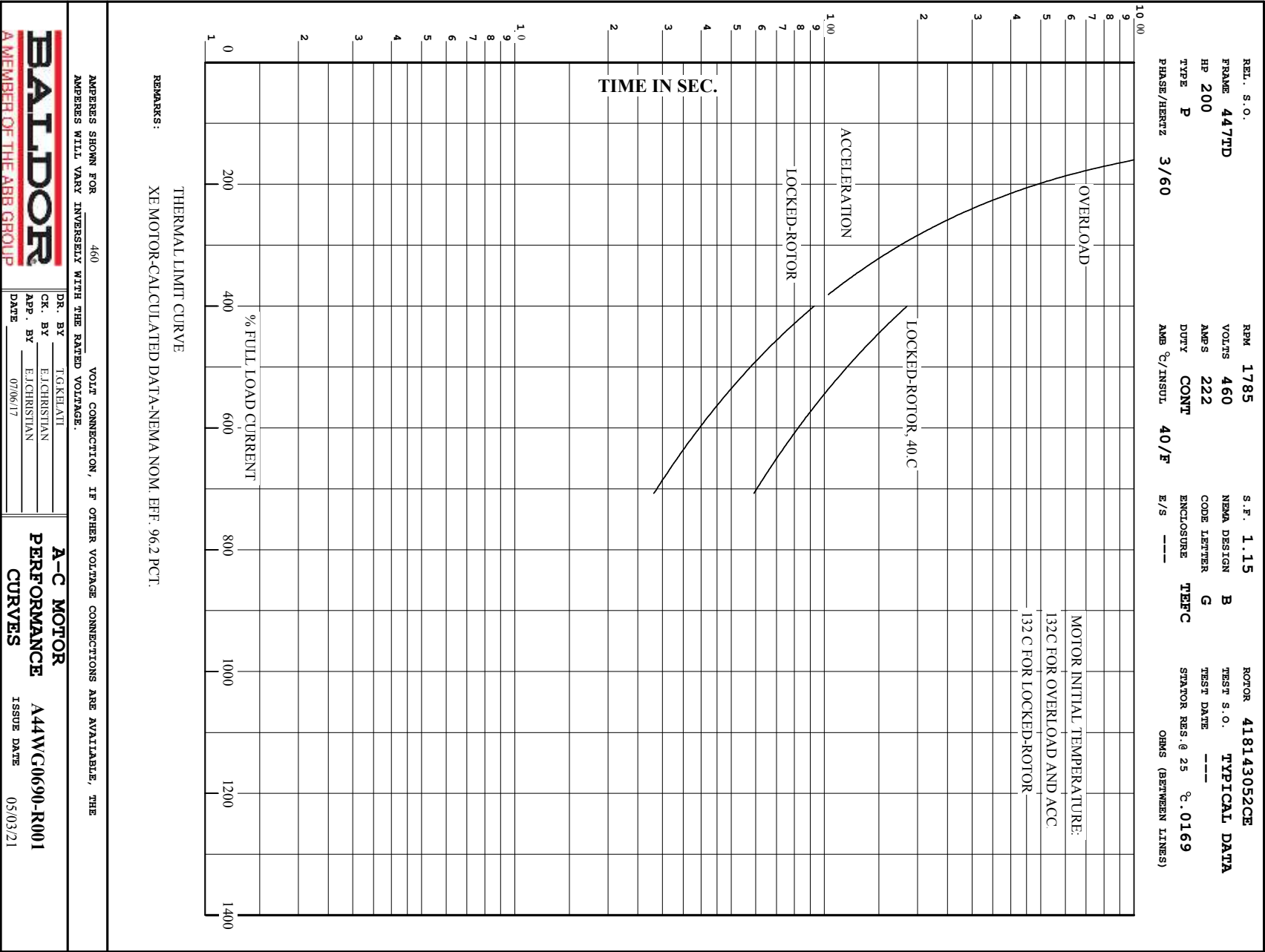
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CLASS I GROUP	C D X	NO.
CLASS II GROUP	X X X	
OPERATING TEMP CODE	T3C	

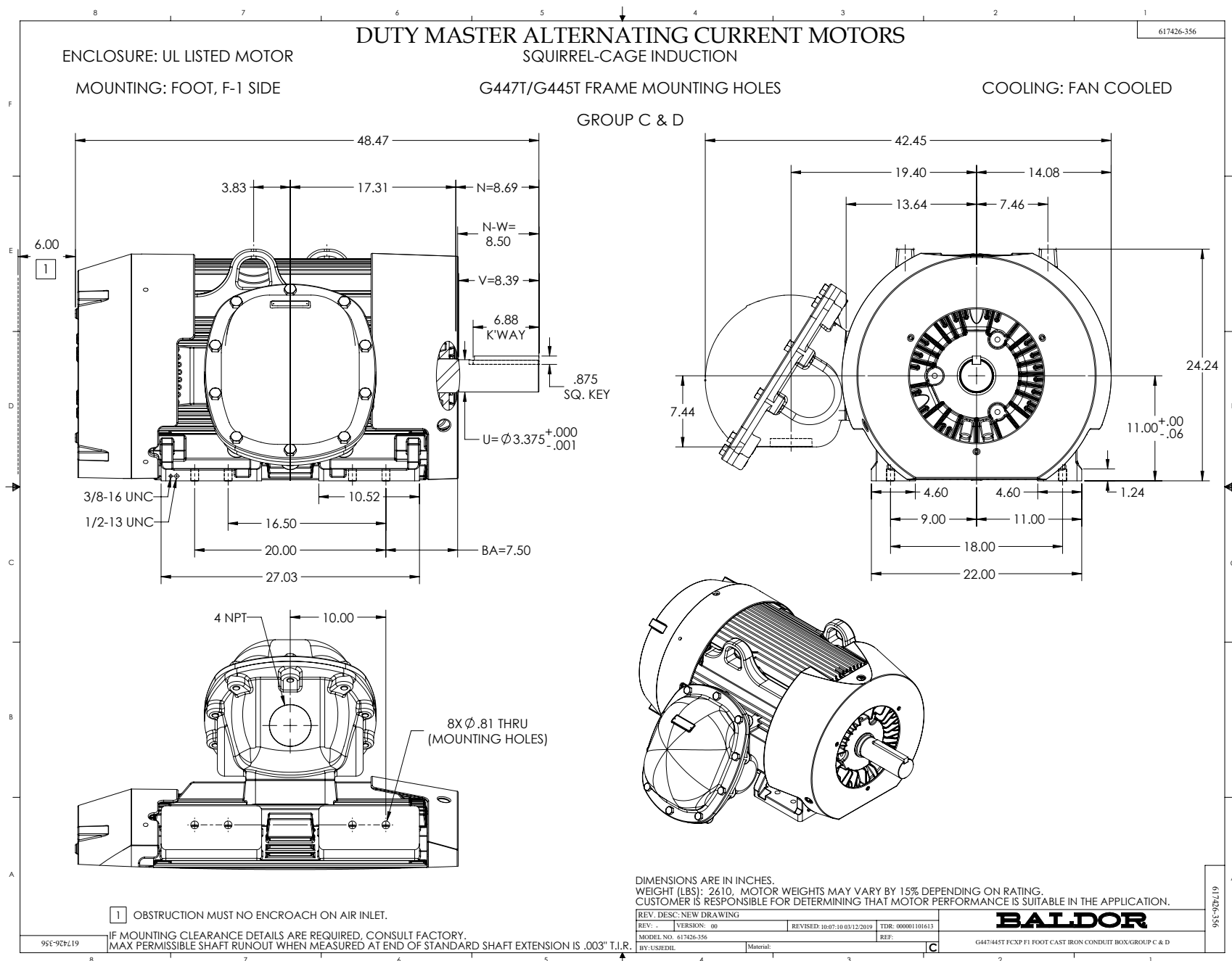
NP3140L

SPEC NO.	A44-5059-0690			CAT.NO.		DRX44244T					FRAME	447T
HP	200	VOLTS	460		PHASE	3	DESIGN	B	TYPE	P		
RPM	1785	AMPS	222		HZ	60	AMB	40	SF	1.00		
DRIVE END BEARING	90BC03J30X		DUTY	CONT	INSUL.CLASS			F				
OPP D.E. BEARING	90BC03J30X		ENCL	TEFC	CODE	G						
SF	1.15	WK2	68.32	MAG CUR	62.0		RPM MAX	3600				
CT HZ	6-60	VT HZ	0-60	CHP HZ	60-90		NEMA-NOM-EFF			96.2		
	SUIT FOR 55C AMB AT 1.00 SF					IP55						
SER.NO.				MOTOR WEIGHT								

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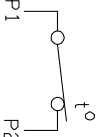
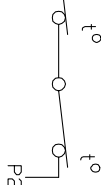
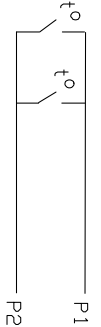
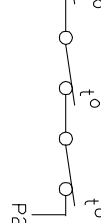
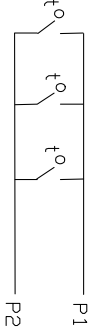
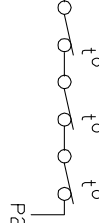
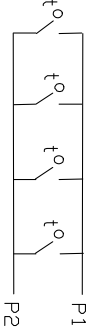






CONNECTION DIAGRAM
ACCESSORIES

MOTOR WINDING THERMOSTATS		
CONTACTS _____ @ _____ °C		
FIGURE NUMBER _____		
CONTACT RATING		
VOLTS	CONTINUOUS AMPERES	INRUSH AMPERES
110-120	3.0	30
220-240	1.5	15
440-480	0.75	7.5
550-600	0.60	6.0

THERMOSTATS	
NORMALLY CLOSED	NORMALLY OPEN
FIGURE 1 	FIGURE 4 
FIGURE 2 	FIGURE 5 
FIGURE 3 	FIGURE 6 
FIGURE 7 	FIGURE 8 

CUSTOMER _____ CUSTOMER ORDER NO. _____ S.O. NO. _____

418174-006

418174-006

REV. DESC: LOADED TO BUS		
REV. LTR: A	VERSION: 01	TDR: 000000570390
FILE: \RAG\00013\849	REVISED: 10:16:21 12/07/2010	BY: RAGDRF
MTL: -		

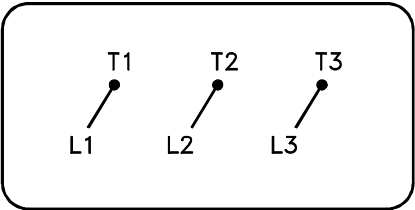
BALDOR

A-C MOTOR CONNECTION ACCESSORIES

SH 1 of 1

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

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