

BALDOR® • RELIANCE

Product Information Packet

CECP4407T-4

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

Part Detail							
Revision:	G	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	A44120M	Elec. Spec:	A44WG1500	CD Diagram:	416820-036
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:		Layout:	617427-014
Frame:	447TC	Mounting:	F1	Poles:	04	Created Date:	02-08-2014
Base:		Rotation:	R	Insulation:	F	Eff. Date:	12-15-2016
Leads:	3#1 (02 per group) Y					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP2496L

EXXON POLYREX EM

Nameplate NP3238

CAT NO	CECP4407T-4		SPEC NO.	A44-5431-2876	
HP	200	AMPS	223	VOLTS	460
FRAME	447TC	RPM	1785	DESIGN	B
D.E. BRG.DATA	6318	HZ	60	AMB	40
D.E. BRG.	90BC03J30X	O.D.E. BRG.DATA	6318	SF	1.15
O.D.E. BRG.	90BC03J30X	TYPE	P	ENCL	TEFC
3/4 LOAD EFF.	96.5	POWER FACTOR	87	PH	3
TEMP CODE	T3	MAX CORR KVAR	32.0	DUTY	CONT
CHP HZ	60-90	TEMP =	200	INSUL.CLASS	F
INVERTER-TEMP-CODE	T3	CT HZ	30-60	NEMA NOM EFFICIENCY	96.2
SER.NO.		VT HZ	0-60	GUARANTEED EFFICIENCY	95.4
		MOTOR WEIGHT	2455		

Parts List		
Part Number	Description	Quantity
SA276036	SA A44-5431-2876	1.000 EA
RA262602	RA A44-5431-2876	1.000 EA
421948051	LABEL, MYLAR	1.000 EA
NP2496L	MOTOR LUBE NAMEPLATE	1.000 EA
000613006PU	N/P (RELEASE QTY 10,000) UL CSA LABEL	1.000 EA
000692000FF	N/P	1.000 EA
000692000VD	LABEL WARNING	1.000 EA
089490099A	G28 BRKT 089490098WCA KB	1.000 EA
415072001B	CLAMP	1.000 EA
083199082A	G28 FAN COVER MACHINING SHORT VERSION	1.000 EA
034180014DA	KEY 1/4X1/4X1-3/4 L	1.000 EA
078548001R	FAN KB 234/150 (84) 400	1.000 EA
032018020FK	HHCS 3/4-10X2-1/2 PLTD.	4.000 EA
032018008CK	HHCS 3/8-16X1L PLATED	4.000 EA
032018036DK	HHCS 1/2-13X4-1/2 PLTD.	3.000 EA
415096002A	CPLG 1/8 HEX TYPE	1.000 EA
410700004A	WSHR	1.000 EA
034017014AB	LCKW 3/8 STD. PLATED	4.000 EA
034530072AB	P/NIP 1/8X9"L Threaded both ends	1.000 EA
034690005AB	PPLG 3/4 PLATED	2.000 EA
034690002AB	"unbulked" PPLG 1/4" PLTD.	1.000 EA
034692001AB	HCSPP 1/8" PLATED	1.000 EA
412118006A	DRAIN	1.000 EA
415045002A	SLGR	1.000 EA

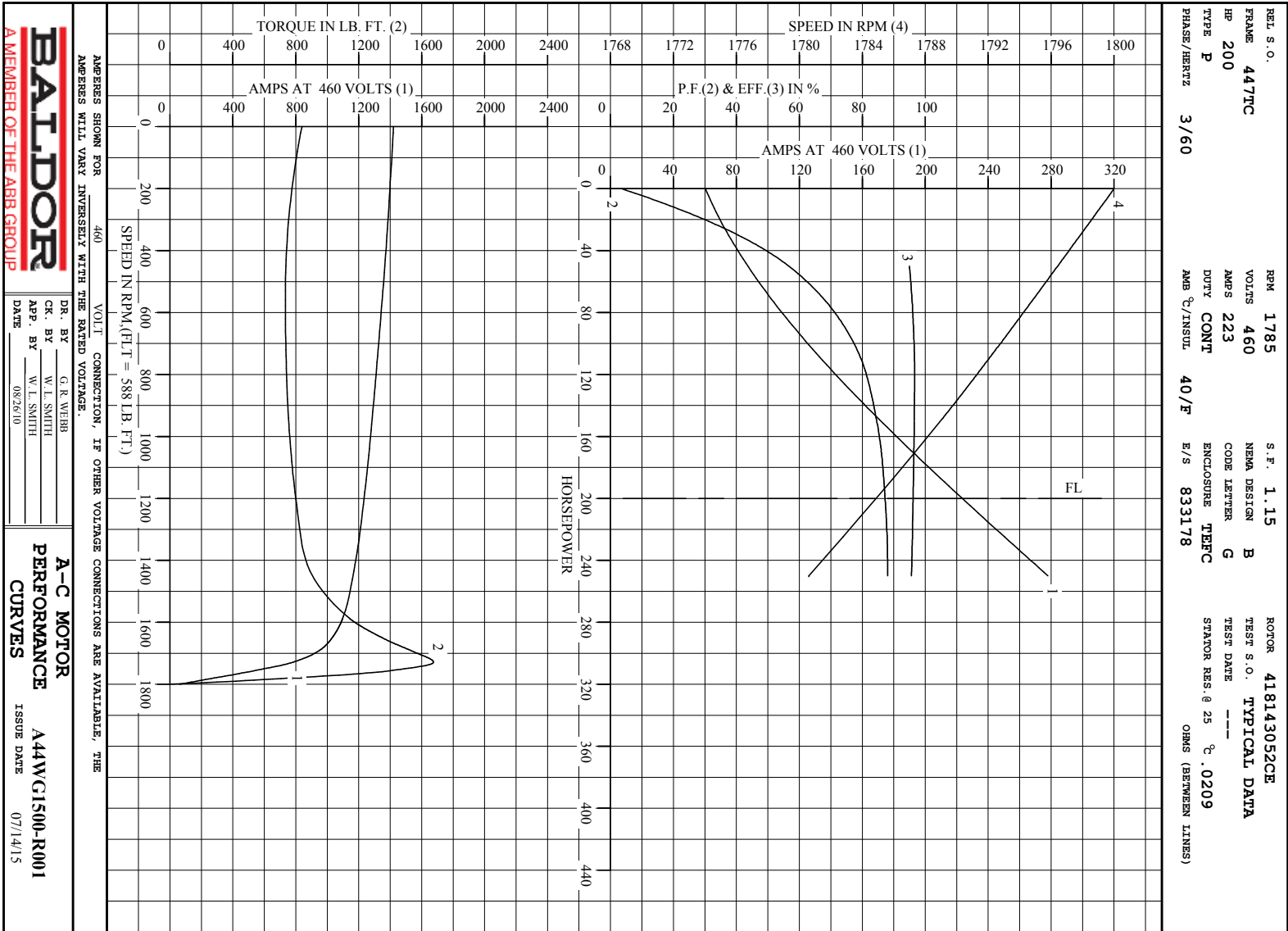
Parts List (continued)		
Part Number	Description	Quantity
418151014G	RETAIN RING	1.000 EA
034690002AB	"unbulked" PPLG 1/4" PLTD.	1.000 EA
034692001AB	HCSPP 1/8" PLATED	1.000 EA
702623013A	THERMAL BARRIER -- G28 -- BRACKET MTD	1.000 EA
032018004BK	HHCS 5/16-18X1/2 PLATED	3.000 EA
034017013AB	LCKW 5/16 STD. PLATED	3.000 EA
089490106A	G28 C-FACE BRKT MACH-6318 089490105WCA	1.000 EA
032018024FK	HHCS 3/4-10X3 PLTD.	5.000 EA
415915007G	GASK, LAC	1.000 FT
032018032DK	HHCS 1/2-13X4L PLATED	3.000 EA
415045002A	SLGR	1.000 EA
076870000B	+CBCST BLKT - 440	1.000 EA
076871000A	+CBOX CVR BLKT - 449	1.000 EA
406056007A	GASKET, 440	1.000 EA
067053014A	GASK 440	1.000 EA
032018008DK	HHCS 1/2-13X1 PLATED	4.000 EA
032620016LA	SOCKET SET SCREW-449	3.000 EA
415000103D	T/LUG #4AWG-1/0AWG W/HOLE FOR .250 BOLT	1.000 EA
032018008BK	HHCS 5/16-18X1L PLATED	4.000 EA
406099000A	PLUG - FAN COVER 320-440	1.000 EA
033512004LB	HHTTS 1/4-20X1/2 PLTD.	1.000 EA
048977006C	GRFTG - XP	1.000 EA
MG1025N19	WILKO 778.50 BLUE GREEN - 55 GAL DRUMS	0.500 GA
033775004EA	DRSCR #6-1/4 304 S.S.	2.000 EA

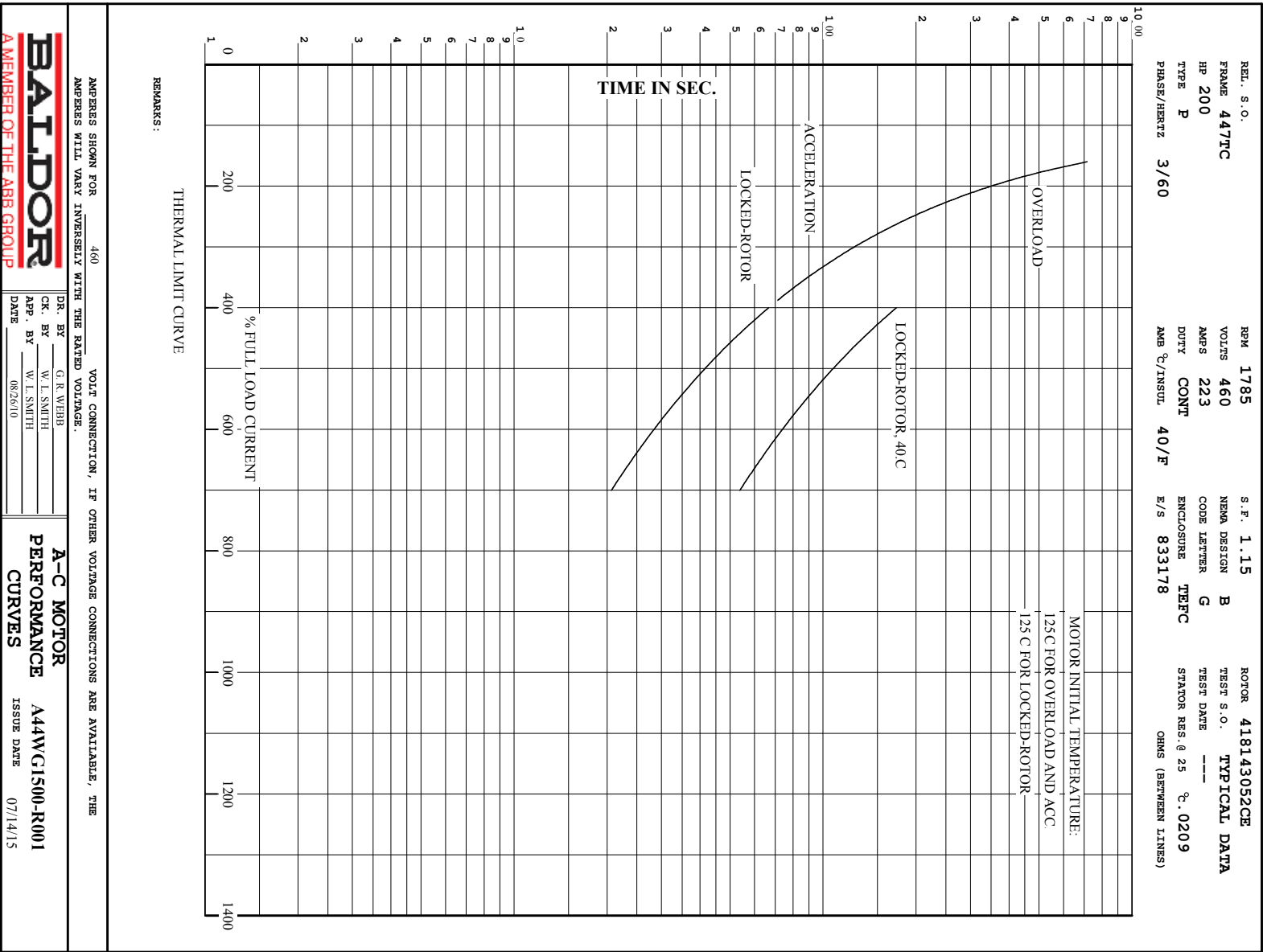
Product Information Packet: CEC4407T-4 - 200HP,1785RPM,3PH,60HZ,447TC,TEFC,F1

034180054KA	KEY 7/8X7/8X6-3/4 L	1.000 EA
604797056	400-447 FRAME 60 X 42	1.000 EA
032510026D	CARRIAGE BOLT - 440	2.000 EA
034001016AB	WSHR .562ID 1.375OD .109	2.000 EA
034001014AB	FLAT WASHER 3/8"PLATED	2.000 EA
033300014AC	HEX NUT, SHIPPING - 400	2.000 EA
604797003C	SHIPPING BAG	1.000 EA
NP3238	SS CP XEX SEVERE DUTY MAIN NP	1.000 EA
LB1449	DIV-2/NEC WARNING LABEL	1.000 EA
418150003A	GREASE FITTING CAP	1.000 EA
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
418150003A	GREASE FITTING CAP	1.000 EA

REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	447TC	200	P	3/60	1785	460
AMPS	DUTY	AMB ^{°C} / INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
223	CONT	40/F	1.15	B	G	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 ^{°C} OHMS (BETWEEN LINES)		
833178	418143052CE	---	---	.0209		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	POWER FACTOR	% EFFICIENCY	
NO LOAD	0	60.4	1800	3.47	0	
1/4	50.0	87.1	1796	56.7	95.0	
2/4	100	125	1793	77.4	96.5	
3/4	150	172	1789	84.6	96.5	
4/4	200	223	1785	87.3	96.2	
5/4	250	278	1781	88.0	95.6	
SPEED TORQUE						
	RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES		
LOCKED ROTOR	0	143	839	1421		
PULL UP	540	125	734	1352		
BREAKDOWN	1729	285	1675	779		
FULL LOAD	1785	100	588	223		
AMPERES SHOWN FOR 460. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE REMARKS: TYPICAL DATA						

BALDOR A MEMBER OF THE ABB GROUP	DR. BY	G. R. WEBB	A-C MOTOR PERFORMANCE DATA A44WG1500-R001 ISSUE DATE 07/14/15
	CK. BY	W. L. SMITH	
	APP. BY	W. L. SMITH	
	DATE	08/26/10	





DUTY MASTER ALTERNATING CURRENT MOTORS

SQUIRREL-CAGE INDUCTION

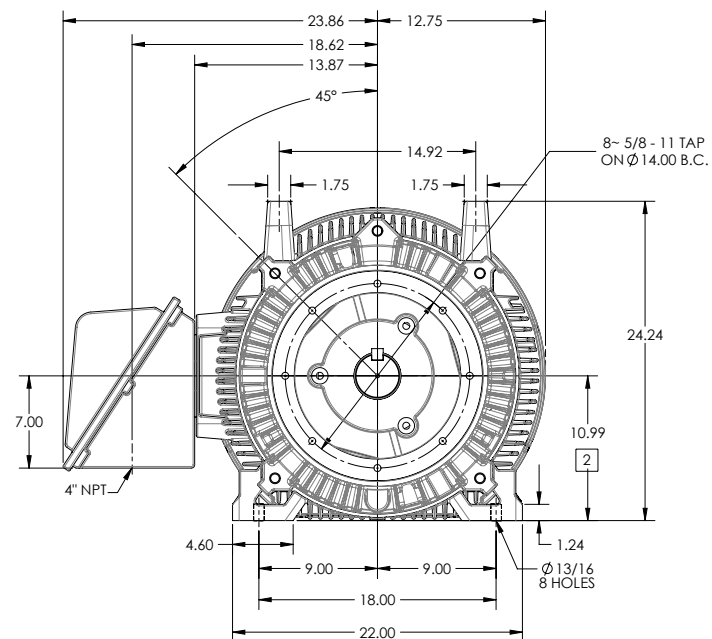
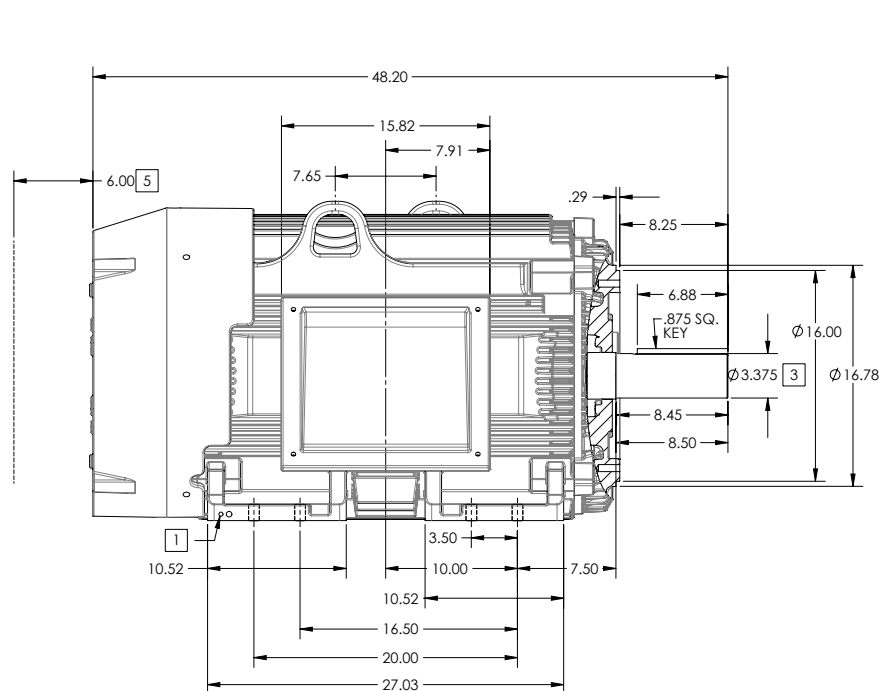
ENCLOSURE: TOTALLY ENCLOSED

FRAME G447TC ABOVE NEMA RATINGS

COOLING: FAN COOLED

MOUNTING: FOOT, NEMA "C" FACE

INCLUDES 445TC FRAME MOUNTING HOLES



1. GROUND HOLES QTY 1 1/2-13 TAP; QTY 1 3/8-16 TAP
2. VARIES +.00,-.06
3. VARIES +.000,-.001
4. MOTOR WEIGHTS MAY VARY BY 15% DEPENDING ON RATING.
5. OBSTRUCTION MUST NO ENCROACH ON AIR INLET.

[4] WEIGHT (LBS): 2515

CONDUIT BOX LOCATED ON OPPOSITE SIDE WHEN F-2.
IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY.
MAXIMUM PERMISSIBLE SHAFT RUNOUT WHEN MEASURED AT END OF
STANDARD SHAFT EXTENSION IS .003" T.I.R. TO 5 INCH DIA.

DIMENSIONS ARE IN INCHES

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

 SHEET NUMBER
1 OF 1

617427-014

REV. DESC: FIX BA DIM	VERSION: 03	REVISED: 08-45-51 09/18/2015	TDR: 000000943983
MODEL NO. 617427-014	REF:		
BY: RAGISSI	Material:		

BALDOR

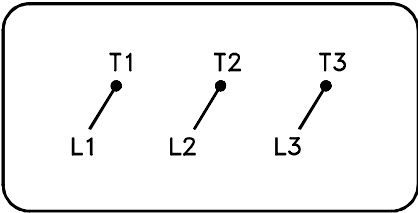
G447TC/445TC STD - FOOTED - SIDE/CENTER C/B

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
REV. LTR: -	VERSION: 00	TDR: 000000538207	
FILE: \MGA\00000\682		REVISED: 11: 54: 06 04/30/2010	
MTL: -		BY: RAGRA	
			CONN DIAG - STANDARD 3 LEAD
			SH 1 of 1

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