

BALDOR® • RELIANCE

Product Information Packet

CECP4312T

50HP,1185RPM,3PH,60HZ,365TC,TEFC,F1

Part Detail							
Revision:	D	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	A36062M	Elec. Spec:	A36WG0466	CD Diagram:	416820-002
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:		Layout:	611740-503-SH1
Frame:	365TC	Mounting:	F1	Poles:	06	Created Date:	11-27-2013
Base:		Rotation:	R	Insulation:	F	Eff. Date:	02-02-2015
Leads:	3#4,6#6					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP2496L

MOBIL POLYREX EM

Nameplate NP3238

CAT NO	CEC4312T		SPEC NO.	A36-4049-0466	
HP	50	AMPS	123/61.7	VOLTS	230/460
FRAME	365TC	RPM	1185	DESIGN	B
D.E. BRG.DATA	6313	HZ	60	AMB	40
D.E. BRG.	65BC03J30X	TYPE	P	SF	1.15
O.D.E. BRG.	65BC03J30X	O.D.E. BRG.DATA	6313	PH	3
3/4 LOAD EFF.	94.4	ENCL	TEFC	DUTY	CONT
TEMP CODE	T3A	POWER FACTOR	81	INSUL.CLASS	F
CHP HZ	60-90	MAX CORR KVAR	14.0	NEMA NOM EFFICIENCY	94.1
INVERTER-TEMP-CODE	T3A	GUARANTEED EFFICIENCY	93		
SER.NO.		TEMP =	180		
		CT HZ	6-60		
		VT HZ	0-60		
		MOTOR WEIGHT	908		

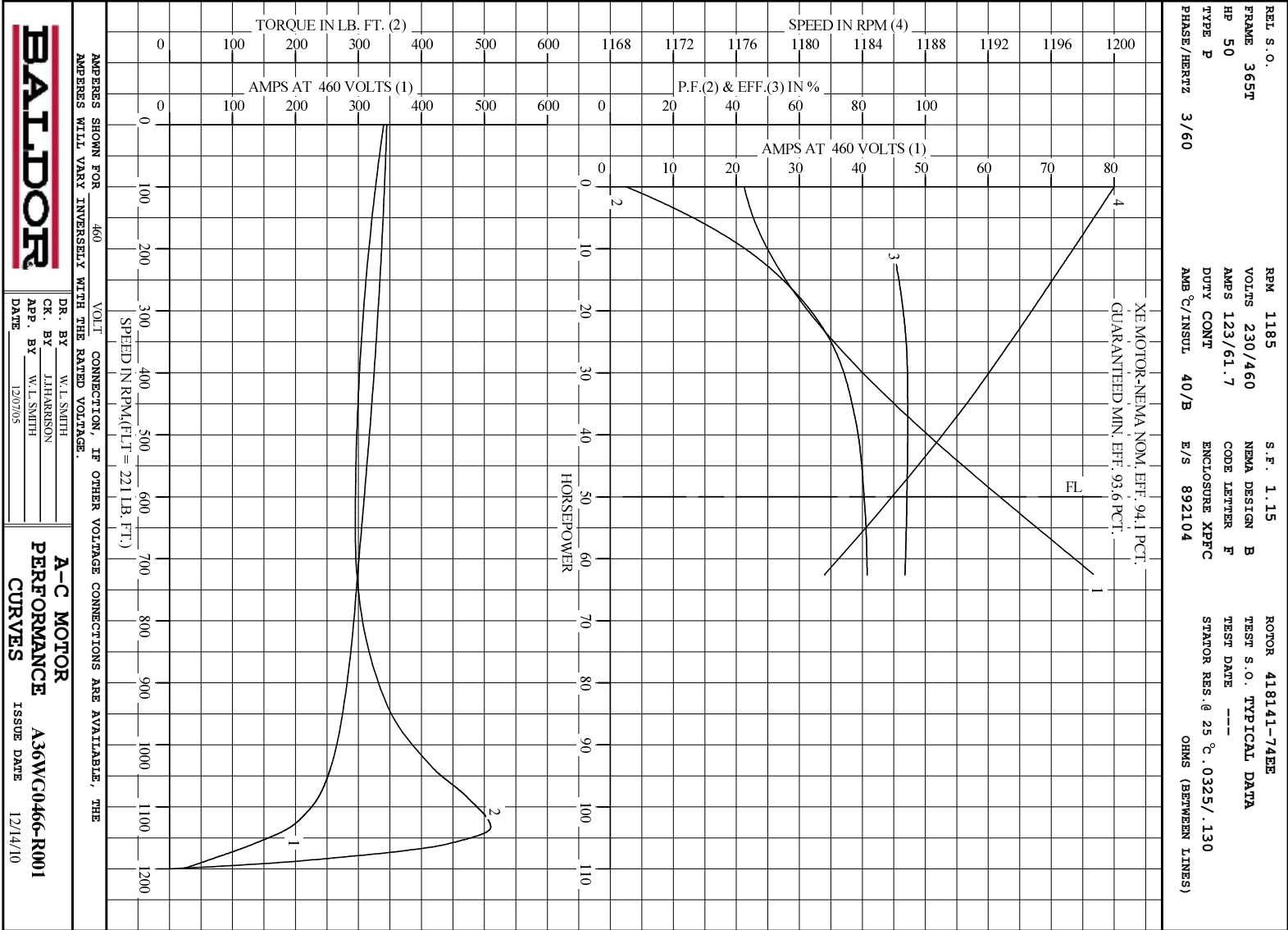
Parts List		
Part Number	Description	Quantity
SA272932	SA A36-4049-0466	1.000 EA
RA259537	RA A36-4049-0466	1.000 EA
421948032	LABEL, MYLAR	1.000 EA
NP2496L	MOTOR LUBE NAMEPLATE	1.000 EA
000613006PU	N/P (RELEASE QTY 10,000) UL CSA LABEL	1.000 EA
000692000VD	LABEL WARNING	1.000 EA
NP3238	SS CP XEX SEVERE DUTY MAIN NP	1.000 EA
085922073B	BRKT 360 085922072WCC KB	1.000 EA
415072001B	CLAMP	1.000 EA
078559001A	+FANCV - 360	1.000 EA
034180012DA	KEY 1X4X1/4X1-1/2 L	1.000 EA
412118006A	DRAIN	1.000 EA
078550001M	FAN KB 60/30 (30) 360	1.000 EA
004824015A	GREASE POLYREX EM	0.540 LB
032018012DK	HHCS 1/2-13X1-1/2 PLTD.	4.000 EA
032018008AK	HHCS 1/4-20X1 PLATED	4.000 EA
032018024CK	HHCS 3/8-16X3 PLTD.	3.000 EA
415096002A	CPLG 1/8 HEX TYPE	1.000 EA
415045002E	SLGR	1.000 EA
410700004F	WSHR	1.000 EA
034530052AB	P/NIP 1/8X6-1/2 GALV.	1.000 EA
034690002AB	"unbulked" PPLG 1/4" PLTD.	1.000 EA
034690002AB	"unbulked" PPLG 1/4" PLTD.	1.000 EA
085922070B	BRKT 360 085922069WCA	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
032018012DK	HHCS 1/2-13X1-1/2 PLTD.	4.000 EA
032018024CK	HHCS 3/8-16X3 PLTD.	3.000 EA
415045002E	SLGR	1.000 EA
412118006A	DRAIN	1.000 EA
076708000BB	C/B - 360	1.000 EA
065776000C	TERBD 320-400	1.000 EA
076709000A	C/B - 360	1.000 EA
067053000B	GASK 320-400	1.000 EA
418150003A	GREASE FITTING CAP	1.000 EA
032018010CK	HHCS 3/8-16X1-1/4 PLTD.	4.000 EA
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
415000103H	TERMINAL LUG	1.000 EA
033512008LB	HHTTS 1/4-20X1 PLATED	4.000 EA
406099000A	PLUG - FAN COVER 320-440	1.000 EA
034000014AB	WSH ID.406 OD.812 TH.065	4.000 EA
048977006B	GRFTG - XP	1.000 EA
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
418150003A	GREASE FITTING CAP	1.000 EA
MG1025N19	WILKO 778.50 BLUE GREEN - 55 GAL DRUMS	0.250 GA
033775004EA	DRSCR #6-1/4 304 S.S.	4.000 EA
034180034HA	KEY 5/8X5/8X4-1/4 L	1.000 EA
HW1000A32	5/16 FL WASHER WIDE,ID=.344,OD=1.125	3.000 EA
032509020C	CARRIAGE BOLT - 360	3.000 EA
LB1449	DIV-2/NEC WARNING LABEL	1.000 EA

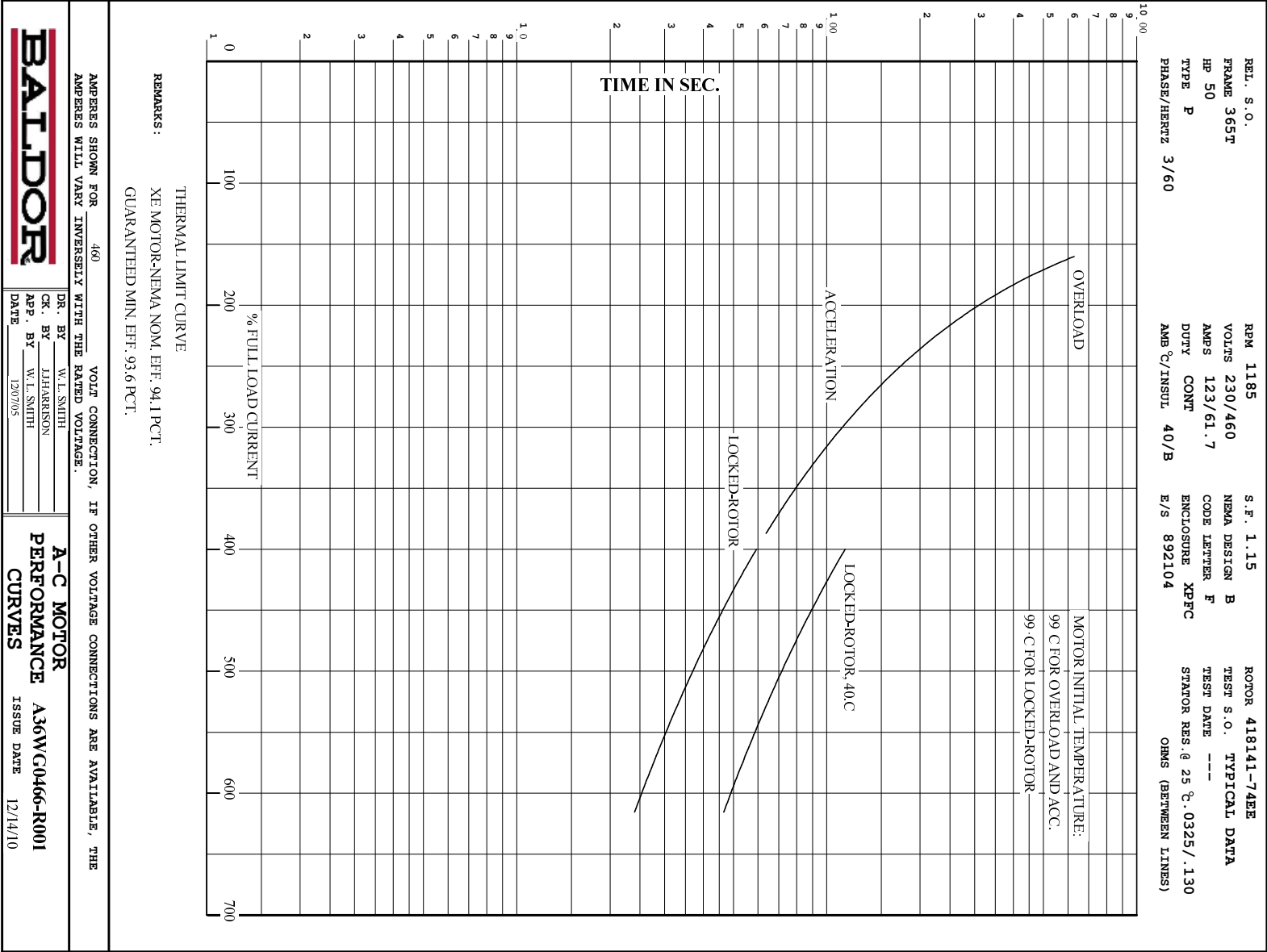
Product Information Packet: CEC4312T - 50HP,1185RPM,3PH,60HZ,365TC,TEFC,F1

14PA1000	PACKAGING 314 GROUP COMBINED PRINT	1.000 EA
032018005DL	1/2-13 X 5/8 SILICON BRONZE HHCS	1.000 EA

REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	365T	50	P	3/60	1185	230/460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
123/61.7	CONT	40/B	1.15	B	F	XPFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
892104	418141-74EE	---	---	.0325/.130		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	21.3	1200	5.08	0	
1/4	12.5	26.2	1197	49.4	90.8	
2/4	25.0	35.6	1193	70.0	93.9	
3/4	37.5	47.8	1190	77.8	94.4	
4/4	50.0	61.7	1186	80.6	94.2	
5/4	62.5	76.7	1182	81.5	93.6	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	154	340	345	
PULL UP		650	133	295	305	
BREAKDOWN		1133	230	510	191	
FULL LOAD		1186	100	221	61.7	
AMPERES SHOWN FOR 460. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE						
REMARKS: TYPICAL DATA XE MOTOR-NEMA NOM. EFF. 94.1 PCT. GUARANTEED MIN. EFF. 93.6 PCT.						
BALDOR		DR. BY W. L. SMITH CK. BY J. J. HARRISON APP. BY W. L. SMITH DATE 12/07/05		A-C MOTOR PERFORMANCE DATA A36WG0466-R001 ISSUE DATE 12/14/10		



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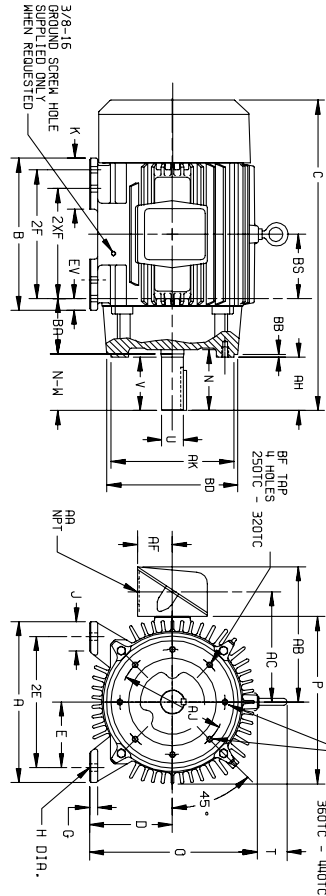
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DUTY MASTER ALTERNATING CURRENT MOTORS

SQUIRREL-CAGE INDUCTION

ENCLOSURE: TOTALLY ENCLOSED

MOUNTING: FOOT, NEMA "C" FACE
FRAMES 250TC THRU 440TC
CAST IRON CONSTRUCTION

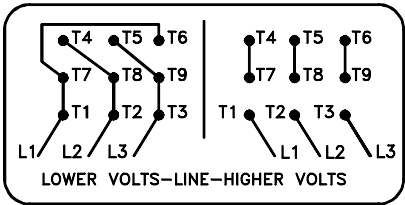
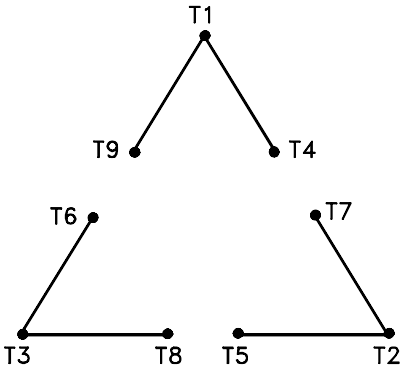


FRAME	A	D/2	E	G	H	J	K	EV	O	P	T	AA	AB	AC	AF	BA	BB	BD	BF	BN	BR	BU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DU	DV	DW	DX	DY	DZ	EA	EB	EC	ED	EE	EF	EG	EH	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	EU	EV	EW	EX	EY	EZ	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	FL	FM	FN	FO	FP	FQ	FR	FS	FT	FU	FV	FW	FX	FY	FZ	GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK	GL	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	GY	GZ	HA	HB	HC	HD	HE	HF	HG	HH	HI	HJ	HK	HL	HM	HN	HO	HP	HQ	HR	HS	HT	HU	HV	HW	HX	HY	HZ	IA	IB	IC	ID	IE	IF	IG	IH	II	IJ	IK	IL	IM	IN	IO	IP	IQ	IR	IS	IT	IU	IV	IW	IX	IY	IZ	JA	JB	JC	JD	JE	JF	JG	JH	JI	IJ	JK	KL	JM	JN	JO	JP	JQ	JR	JS	JT	JU	JV	JW	JX	JY	JZ	KA	KB	KC	KD	KE	KF	KG	KH	KI	KJ	KL	KM	KN	KO	KP	KQ	KR	KS	KT	KU	KV	KW	KX	KY	KZ	LA	LB	LC	LD	LE	LF	LG	LH	LI	LJ	LK	LM	LN	LO	LP	LQ	LR	LS	LT	LU	LV	LW	LX	LY	LZ	MA	MB	MC	MD	ME	MF	MG	MH	MI	MJ	MK	ML	MM	MN	MO	MP	MQ	MR	MS	MT	MU	MV	MW	MX	MY	MZ	NA	NB	NC	ND	NE	NF	NG	NH	NI	NJ	NK	NL	NM	NN	NO	NP	NQ	NR	NS	NT	NU	NV	NW	NX	NY	NZ	OA	OB	OC	OD	OE	OF	OG	OH	OI	OJ	OK	OL	OM	ON	OO	OP	OQ	OR	OS	OT	OU	OV	OW	OX	OY	OZ	PA	PB	PC	PD	PE	PF	PG	PH	PI	PJ	PK	PL	PM	PN	PO	PP	PQ	PR	PS	PT	PU	PV	PW	PX	PY	PZ	QA	QB	QC	QD	QE	QF	QG	QH	QI	QJ	QK	QL	QM	QN	QO	QP	QQ	QR	QS	QT	QU	QV	QW	QX	QY	QZ	RA	RB	RC	RD	RE	RF	RG	RH	RI	RJ	RK	RL	RM	RN	RO	RP	RQ	RR	RS	RT	RU	RV	RW	RX	RY	RZ	SA	SB	SC	SD	SE	SF	SG	SH	SI	SJ	SK	SL	SM	SN	SO	SP	SQ	SR	SS	ST	SU	SV	SW	SX	SY	SZ	TA	TB	TC	TD	TE	TF	TG	TH	TI	TJ	TK	TL	TM	TN	TO	TP	TQ	TR	TS	TT	TU	TV	TW	TX	TY	TZ	UA	UB	UC	UD	UE	UF	UG	UH	UI	UJ	UK	UL	UM	UN	UO	UP	UQ	UR	US	UT	UU	UV	UW	UX	UY	UZ	VA	VB	VC	VD	VE	VF	VG	VH	VI	VJ	VK	VL	VM	VN	VO	VP	VQ	VR	VS	VT	VU	VV	VW	VX	VY	VZ	WA	WB	WC	WD	WE	WF	WG	WH	WI	WJ	WK	WL	WM	WN	WO	WP	WQ	WR	WS	WT	WU	WV	WW	WX	WY	WZ	XA	XB	XC	XD	XE	XF	YG	YH	YI	YJ	YK	YL	YM	YN	YO	YP	YQ	YR	YS	YT	YU	YV	YW	YX	YY	YZ	ZA	ZB	ZC	ZD	ZE	ZF	ZG	ZH	ZI	ZJ	ZK	ZL	ZM	ZN	ZO	ZP	ZQ	ZR	ZS	ZT	ZU	ZV	ZW	ZX	ZY	ZZ																																																																																																																																																																																																																																																																																																																																																																																																													
25A1C-25B1C	12.50	6.25	5.00	7.5	56	2.50	—	—	1.00	13.25	14.25	2.44	1.1	210.61	8.61	2.50	4.75	25.1	9.00	1/2-13	7.5	7.25	8.500																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

(1)	FRAME	SIZE	C	BS	B	2F	(4)				N-W(7)	U(3)	V	SQ.	LGTH.	WEIGHT (LBS.) (5)
							2X6	N	AH	N						
	254TC	25/06	5/00	12/00	12/00	---	8.25	4.06	3.75	4.00	1.625	3.75	3.75	2.88	345	
	256TC	25/06	5/00	12/00	10/00	---	---	4.06	3.75	4.00	1.625	3.75	3.75	2.88	355	
	258TC	27/44	5/50	13/00	---	---	9.50	5/00	4/38	4.62	1.875	4/38	5/00	3.25	445	
	260TC	26/06	5/50	13/00	---	---	---	3.62	5/00	3/5	1.625	4/38	5/00	3.75	485	
	262TC	27/44	3/50	13/00	11/00	---	---	5/00	4/38	4.62	1.875	4/38	5/00	3.25	500	
	264TC	26/06	3/50	14/25	11/00	---	---	5/00	4/38	4.62	1.875	4/38	5/00	3.25	500	
	266TC	26/06	3/50	14/25	11/00	---	10.50	5/00	4/38	4.62	1.875	4/38	5/00	3.25	500	
	268TC	28/94	6/00	14/25	---	---	10.50	4/12	3/50	3/5	1.875	3/50	5/00	2/05	605	
	270TC	30/44	6/00	14/25	12/00	---	---	5/62	5/00	5/25	2/125	5/00	5/00	3/88	645	
	272TC	28/94	6/00	14/25	12/00	---	---	4/12	3/50	3/5	1.875	3/50	5/00	2/05	645	
	274TC	32/84	6/12	15/00	---	---	11.25	6/25	5/68	5/68	2/375	5/62	6/25	4/25	880	
	276TC	33/44	6/12	15/00	---	---	11.25	4/12	3/50	3/75	1.875	3/50	5/00	2/00	874	
	278TC	36/5TC	31/31	6/12	15/00	12.25	---	6/25	5/68	2/375	5/62	6/25	4/25	905	859	
	280TC	33/44	6/12	15/00	12.25	---	---	4/12	3/50	3/75	1.875	3/50	5/00	2/00	889	
	282TC	36/5TC	31/31	6/12	15/00	12.25	---	7/50	7/00	7/25	2.875	7/00	7/50	5/62	1265	
	284TC	38/31	6/88	16/00	---	12.25	---	4/50	4/00	4/25	2/125	7/00	7/00	5/50	5/62	1265
	286TC	40/5TC	38/31	6/88	16/00	13/25	---	7/50	7/00	7/25	2.875	7/00	7/00	5/50	5/62	1305
	288TC	40/5TC	35/31	6/88	16/00	13/25	---	8/94	8/25	4/00	2/125	4/00	5/00	2/75	1296	1368
	290TC	44/4TC	44/82	8/25	19/00	---	14.50	8/94	8/25	8/50	3/375	8/25	8/75	6/88	1738	1928
	292TC	44/4TC	44/82	8/25	19/00	---	14.50	5/19	4/25	4/00	3/375	8/25	8/75	6/88	1928	1928
	294TC	44/82	8/25	19/00	16.50	---	---	8/94	8/25	8/50	3/375	8/25	8/75	6/88	1928	1928
	296TC	40/88	8/25	19/00	16.50	---	---	5/19	4/50	4/75	2/375	4/50	6/25	3/00	1912	1912

416820-002

A-C MOTOR
CONNECTION DIAGRAM
STANDARD 9 LEAD DELTA-CONNECTED



(N.P. 1575-B)

416820-002

REV. DESC: LOADED TO BUS, C/R 335225		
REV. LTR: -	VERSION: 00	TDR: 000000538207
FILE: \MGA\00000\661		REVISED: 10: 47: 51 04/30/2010
MTL: -		BY: RAGRA

BALDOR	
CONN DIAG - STANDARD 9 LEAD, DELTA-CONNECTED	
SH 1 of 1	

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