

BALDOR® • RELIANCE

Product Information Packet

CECP4308T

40HP,1190RPM,3PH,60HZ,364TC,TEFC,F1

Part Detail							
Revision:	E	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	A36062M	Elec. Spec:	A36WG0747	CD Diagram:	416820-002
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:		Layout:	611740-503-SH1
Frame:	364TC	Mounting:	F1	Poles:	06	Created Date:	11-27-2013
Base:		Rotation:	R	Insulation:	F	Eff. Date:	08-05-2015
Leads:	3#4,6#6					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP2496L

MOBIL POLYREX EM

Nameplate NP3238

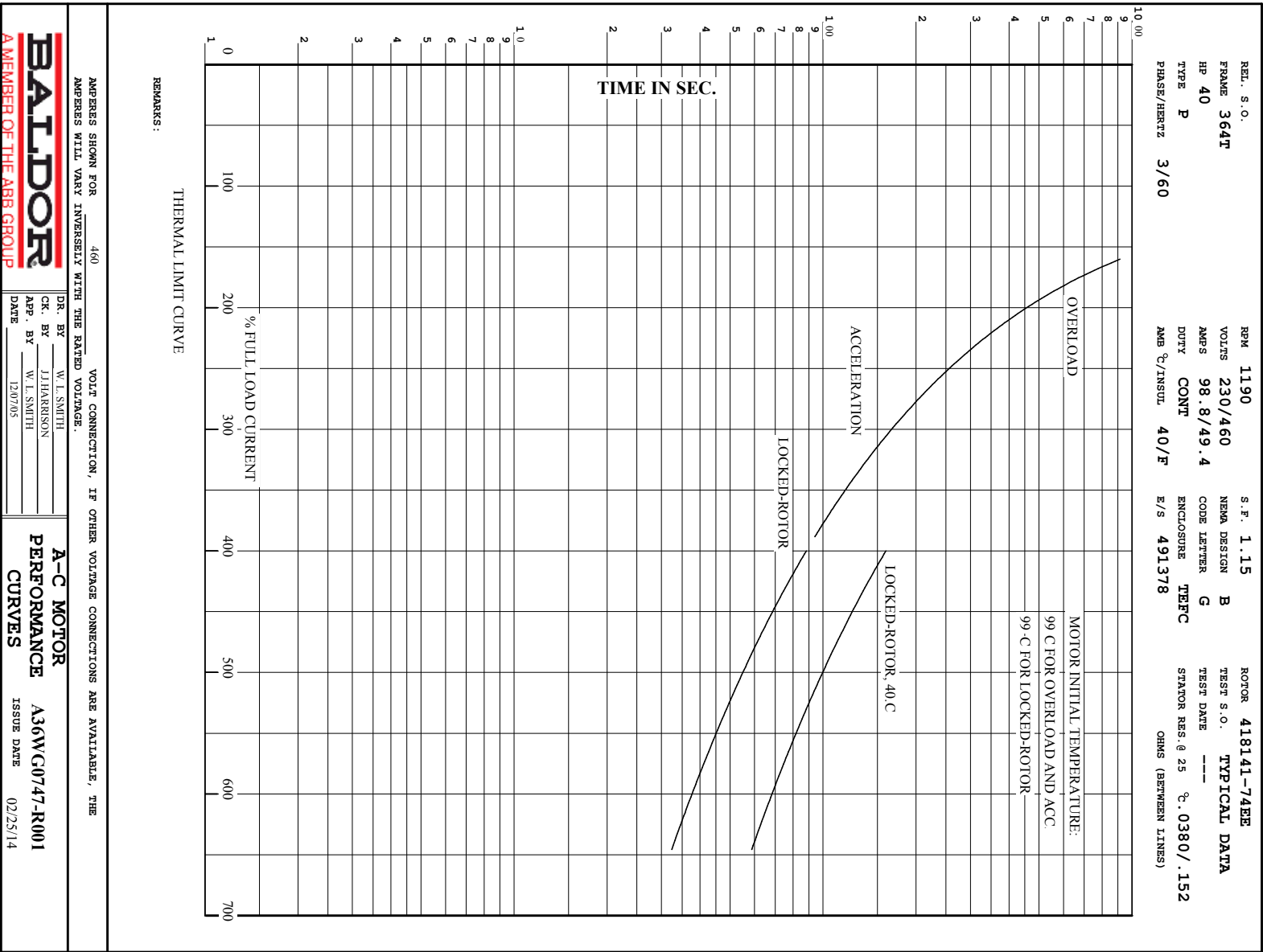
CAT NO	CECP4308T	SPEC NO.	A36-4050-0747		
HP	40	AMPS	98.8/49.4	VOLTS	230/460
FRAME	364TC	RPM	1190	DESIGN	B
D.E. BRG.DATA	6313	HZ	60	AMB	40
D.E. BRG.	65BC03J30X	O.D.E. BRG.DATA	6313	SF	1.15
O.D.E. BRG.	65BC03J30X	TYPE	P	PH	3
3/4 LOAD EFF.	94.3	ENCL	TEFC	DUTY	CONT
TEMP CODE	T3A	POWER FACTOR	80	INSUL.CLASS	F
CHP HZ	60-90	MAX CORR KVAR	12.0	NEMA NOM EFFICIENCY	94.1
INVERTER-TEMP-CODE	T3A	TEMP =	180	GUARANTEED EFFICIENCY	93
SER.NO.		CT HZ	6-60	VT HZ	0-60
		MOTOR WEIGHT	908		

Parts List		
Part Number	Description	Quantity
SA272933	SA A36-4050-0747	1.000 EA
RA259538	RA A36-4050-0747	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

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



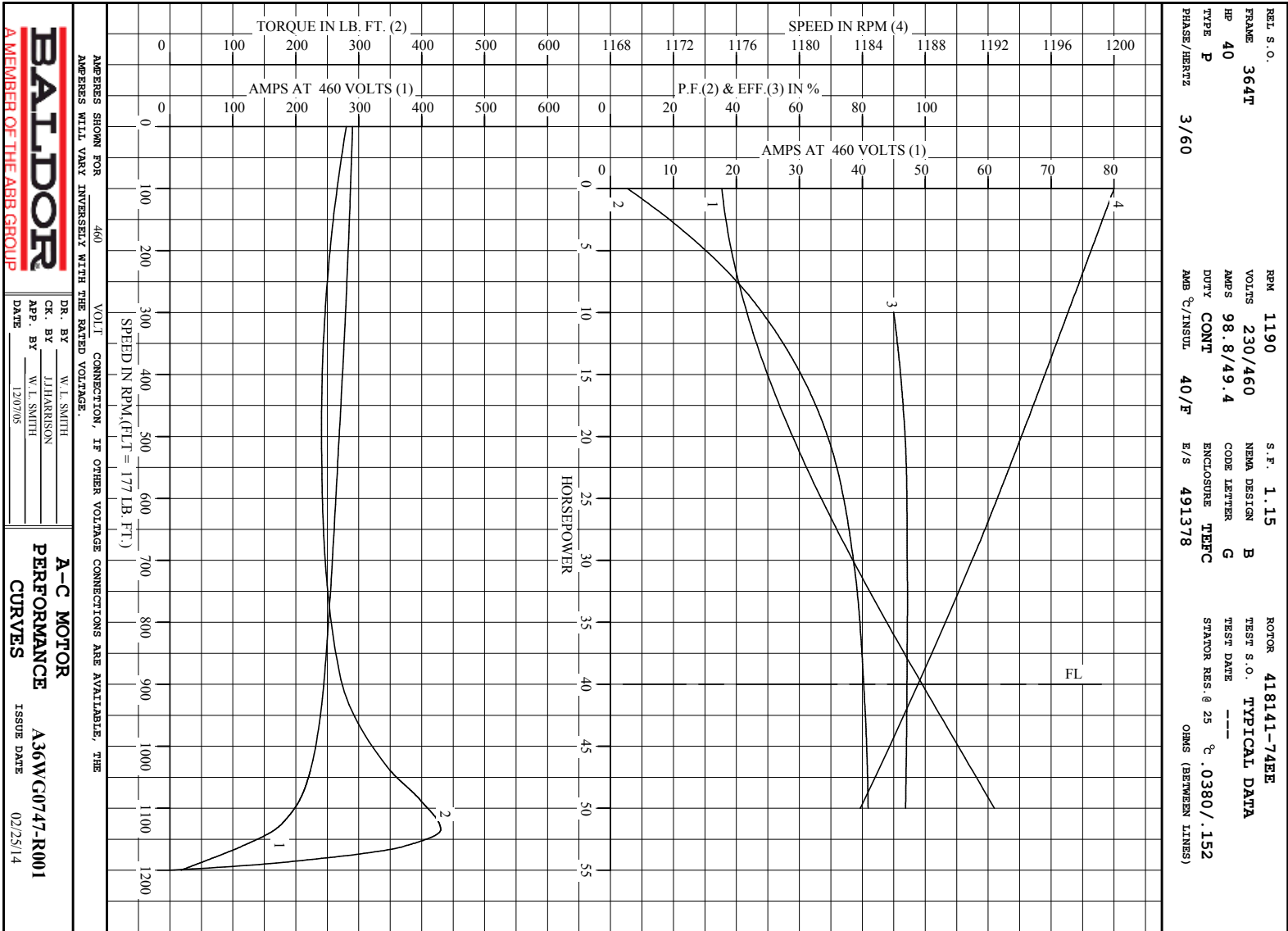
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REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	364T	40	P	3/60	1190	230/460
AMPS	DUTY	AMB ^{°C} / INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
98.8/49.4	CONT	40/F	1.15	B	G	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 ^{°C} OHMS (BETWEEN LINES)		
491378	418141-74EE	---	---	.0380/.152		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	POWER FACTOR %	EFFICIENCY %	
NO LOAD	0	17.7	1200	5.41	0	
1/4	10.0	21.6	1197	48.3	90.0	
2/4	20.0	29.0	1194	69.0	93.6	
3/4	30.0	38.6	1191	77.2	94.3	
4/4	40.0	49.4	1188	80.5	94.2	
5/4	50.0	61.0	1184	81.9	93.7	
SPEED TORQUE						
	RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES		
LOCKED ROTOR	0	158	280	290		
PULL UP	480	136	241	270		
BREAKDOWN	1135	243	430	167		
FULL LOAD	1188	100	177	49.4		
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 W. L. SMITH
CK. BY J. J. HARRISON
APP. BY W. L. SMITH
DATE 12/07/05

A-C MOTOR
PERFORMANCE DATA
A36WG0747-R001
ISSUE DATE 02/25/14



SQUIRREL-CAGE INDUCTION

COOLING: FAN COOLED



DIMENSIONS ARE IN INCHES, SEE SHEET 2 FOR DIMENSIONS IN MILLIMETERS

FRAME	A	D(2)	E	G	H	J	K	EV	O	P	T	CAST	RON	TERMINAL	BOX	AB	AC	AF	BA	BB	BD	BF	MS, REFIN	(g)	
2534C-2561C	12.50	6.25	5.00	—	75	56	2.50	—	10.0	13.25	7.52	2.44	1	—	21.0	6.81	5.81	2.50	4.75	25.9	9.03	7	75	7.20	8.500
2534C-2615C	12.50	6.25	5.00	—	75	56	2.50	—	10.0	13.25	7.52	2.44	1	—	21.0	6.81	5.81	2.50	4.75	25.9	9.03	7	75	7.20	8.500
4044C-36515C	19.00	9.00	7.00	—	88	69	2.25	—	13.88	16.50	9.24	3	—	18.0	13.81	10.50	4.12	6.62	25.3	13.0	5	—	94	11.00	12.500
4044C-40515C	19.00	9.00	7.00	—	88	69	2.25	—	13.88	16.50	9.24	3	—	18.0	13.81	10.50	4.12	6.62	25.3	13.0	5	—	94	11.00	12.500
4441C-44515C	21.00	11.00	9.00	—	112	81	3.25	5.25	1.25	23.38	28.23	3.25	3	—	22.19	17.44	6.00	7.50	25.9	16.75	5/8-11	94	14.0	16.000	
(1)																									

REV. DESC: REMOVING TITLEBLOCK

REV. LTR: A	VERSION: 01	TDR: 000000448517
FILE: \RAG\00004\530	REVISED: 14:21:04 11/07/2007	BY: CONBPM
MTL: -		

DIM SHT 250TC-440TC TEFC FT MTG C FACE T & TS SGL EXT XT

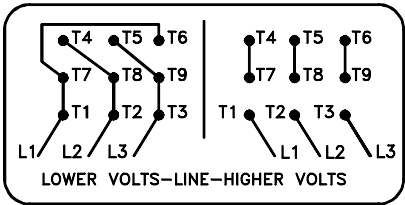
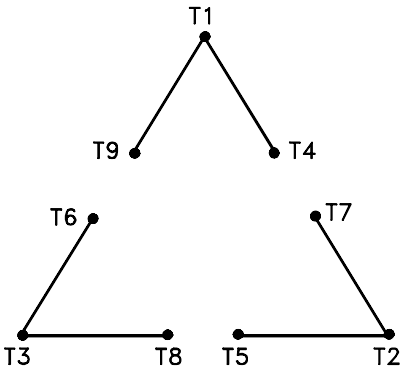
- FACE RUNOUT AND — [250TC - 280TC INCL. .004 MAX. T.I.R.
320TC - 440TC INCL. .007 MAX. T.I.R.
ECCENTRICITY

FRAME _____ TYPE _____ CERTIFIED FOR _____
 ORDER _____ ITEM _____ HP _____ PH _____ HZ _____ VOLTS _____
 SALES ORDER _____ APPROVED BY _____ DATE _____

611740-503-SH1

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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