

BALDOR® • RELIANCE

Product Information Packet

VPCP4310T

60HP,3550RPM,3PH,60HZ,364VP,1440M,TEFC

Part Detail							
Revision:	C	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	A36036M	Elec. Spec:	A36WG0772	CD Diagram:	416820-002
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:		Layout:	616555-992
Frame:	364VP	Mounting:	F1	Poles:	02	Created Date:	10-19-2010
Base:		Rotation:	R	Insulation:	F	Eff. Date:	05-01-2012
Leads:	3#4,6#6					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate 000613007EV									
CAT NO	VPCP4310T	SPEC NO.	P36G4661						
HP	60	AMPS	145/72.8	VOLTS	230/460	DESIGN	B		
FRAME	364VP	RPM	3555	HZ	60	C AMB	40	SF	1.15
D.E. BRG.	65BC03J30X	PH	3	DUTY	CONT	INSUL.CLASS	F		
O.D.E. BRG.	BA2B_459310	TYPE	P	ENCL	TEFC	CODE	F		
D.E.BRG.DATA	6313	POWER FACTOR	83	NEMA NOM EFFICIENCY	93				
O.D.E.BRG.DATA	7310	MAX CORR KVAR	15.0	GUARANTEED EFFICIENCY	92.4				
3/4 LOAD EFF.	93.1	NEMA NOM/CSA QUOTED EFF							
SER.NO.		MOTOR WEIGHT							

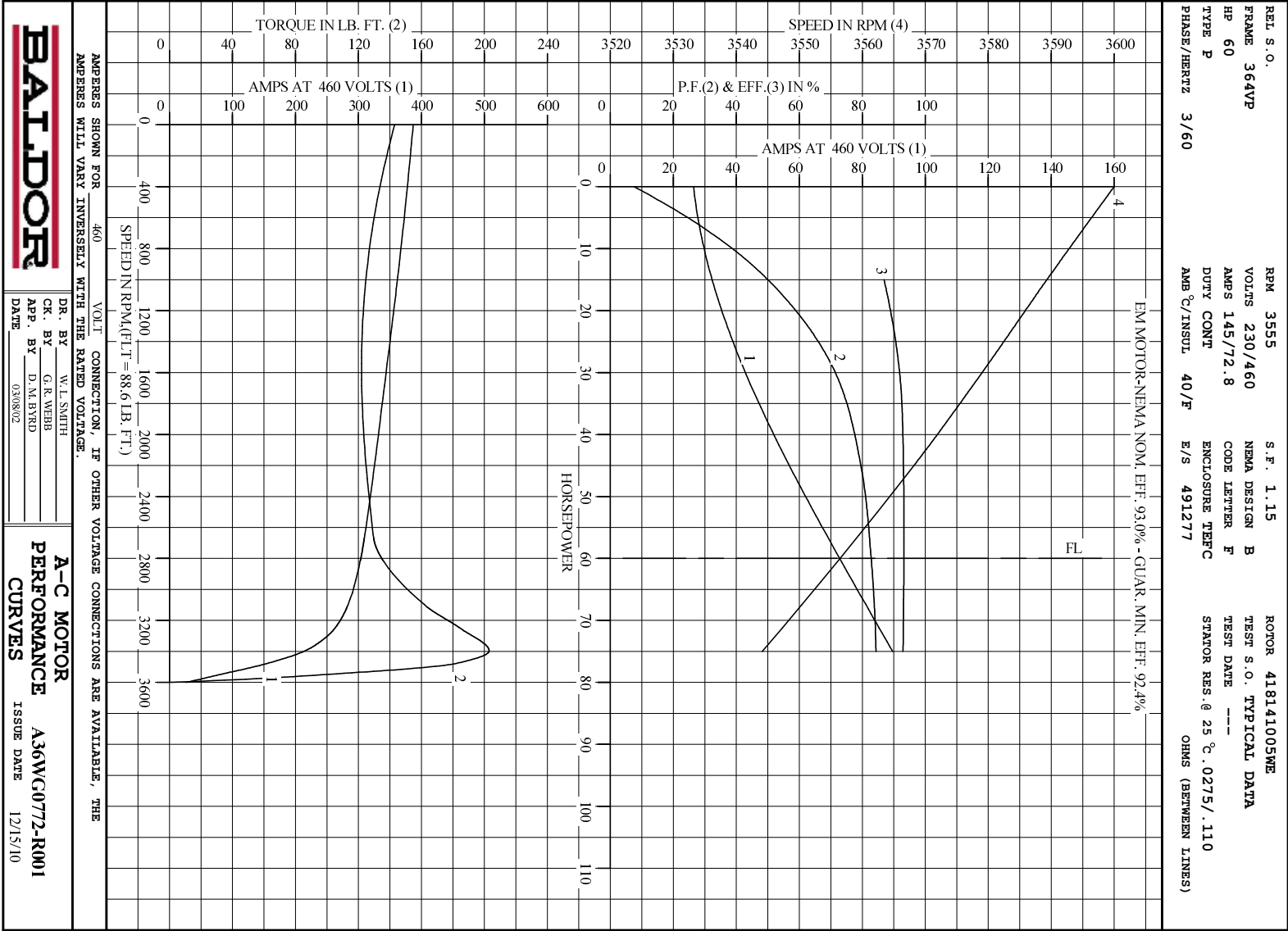
Nameplate 000901002AAA			
	SUIT FOR 208 V @ 153 AMPS		

Parts List		
Part Number	Description	Quantity
SA206483	SA P36G4661	1.000 EA
RA193750	RA P36G4661	1.000 EA
613-6PU	N/P UL CSA LABLE	1.000 EA
000613007EV	N/P BALDOR	1.000 EA
000692000FF	N/P (RELEASE QTY 1,000)	1.000 EA
000692000VD	LABEL WARNING	1.000 EA
000901002AAA	N/P BLANK	1.000 EA
421948032	LABEL, MYLAR	1.000 EA
035051010AA	BBLCW W-10	1.000 EA
418185012FL	B/BRG ANGULAR SET - 360	1.000 PR
004824015A	GREASE POLYREX EM	0.544 LB
032018010CK	HHCS 3/8-16X1-1/4 PLTD.	4.000 EA
032018022CK	HHCS 3/8-16X2-3/4 PLTD	4.000 EA
032018016DK	HHCS 1/2-13X2L PLTD.	4.000 EA
032018030CK	HHCS 3/8-16X3-3/4 PLATED	3.000 EA
34017-14AB	LCKW 3/8 STD. PLATED	3.000 EA
34017-14AB	LCKW 3/8 STD. PLATED	4.000 EA
034180008FA	KEY 3/8X3/8X1L - 320	1.000 EA
034530016BC	P/NIP 1/4X2 GALV. - 320	1.000 EA
034530052AB	P/NIP 1/8X6-1/2 GALV.	1.000 EA
034630002AB	CPLG 1/4" PLATED	1.000 EA
034690002AB	"unbulked" PPLG 1/4" PLTD.	1.000 EA
078559035AA	F/C 360 078559035WCC	1.000 EA
085922097A	BRKT 360 087793066WCC	1.000 EA

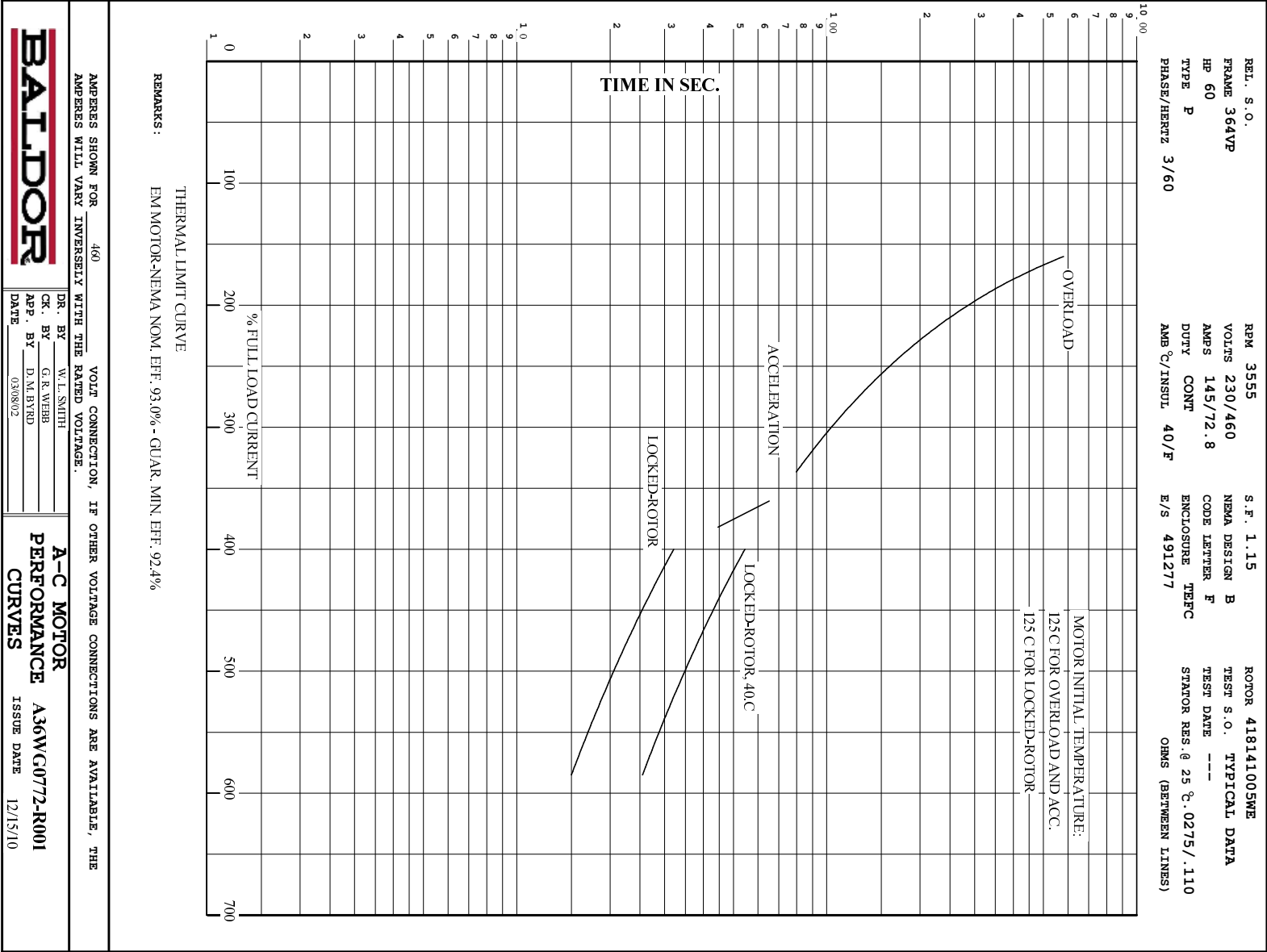
Parts List (continued)		
Part Number	Description	Quantity
415045002H	SLGR	1.000 EA
415072001B	CLAMP	1.000 EA
415096002A	CPLG 1/8 HEX TYPE	1.000 EA
418151057A	PLASTIC DRAIN,ODE BRKT	1.000 EA
032018010CK	HHCS 3/8-16X1-1/4 PLTD.	4.000 EA
702675001A	FAN 250-440	1.000 EA
032018012DK	HHCS 1/2-13X1-1/2 PLTD.	4.000 EA
032018030CK	HHCS 3/8-16X3-3/4 PLATED	3.000 EA
34017-14AB	LCKW 3/8 STD. PLATED	3.000 EA
034690002AB	"unbulked" PPLG 1/4" PLTD.	1.000 EA
089495002A	BRKT 360 089495001WCA	1.000 EA
410700004F	WSHR	1.000 EA
415045002E	SLGR	1.000 EA
418151057A	PLASTIC DRAIN,ODE BRKT	1.000 EA
033512004LB	HHTTS 1/4-20X1/2 PLTD.	1.000 EA
033512008LB	HHTTS 1/4-20X1 PLATED	4.000 EA
034000014AB	WSH ID.406 OD.812 TH.065	4.000 EA
34017-14AB	LCKW 3/8 STD. PLATED	4.000 EA
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
048977006B	GRFTG - XP	1.000 EA
065776000C	TERBD 320-400	1.000 EA
067053000B	GASK 320-400	1.000 EA
076708000BB	C/B - 360	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
076709000A	C/B CVR - 360	1.000 EA
405851012AN	SPACE	4.000 EA
415000103D	T/LUG #4AWG-1/0AWG W/HOLE FOR .250 BOLT	1.000 EA
418150003A	GREASE FITTING CAP	1.000 EA
702641041A	D/CVR 360 SUB PAINT	1.000 EA
MG1025G05	MEDIUM CHARCOAL METALLIC GREY	0.250 GA
032018012EK	HHCS 5/8-11X1-1/2L PLTD.	4.000 EA
033775004EA	DRSCR #6-1/4 304 S.S.	4.000 EA
034017018AB	LCKW 5/8"	4.000 EA
418150003A	GREASE FITTING CAP	1.000 EA
034000014AB	WSH ID.406 OD.812 TH.065	4.000 EA
034180024FA	KEY 3/8X3/8X3 L	1.000 EA
609013011C	LFT/P - 360	2.000 EA
14PA1000	PACKAGING 314 GROUP COMBINED PRINT	1.000 EA

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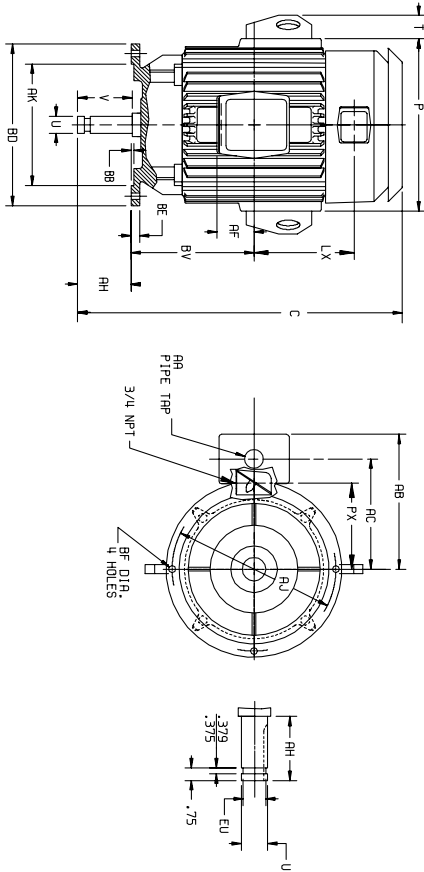


616555-992

DUTY MASTER ALTERNATING CURRENT MOTORS

SQUIRREL-CAGE INDUCTION
CAST IRON CONSTRUCTION

ENCLOSURE: TOTALLY ENCLOSED
MOUNTING: NEMA VP API THRUST DESIGN - SOLID SHAFT
FRAMES 250VP THRU 440VP
COOLING: FAN COOLED



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

FRAME	P	T	CAST IRON TERMINAL BOX										(4)	RECOM. BOLT	LX	PX
			AA	AB	AC	AF	BB	BD	BE	BF	BJ	AK				
254VP-256VP	14.00	2.25	1-1/4	10.61	8.81	2.50	19	10.00	.62	4.4	9.12	8.250	3/8 X 1.50	6.31	10.50	
284VP-286VP	15.50	2.25	1-1/2	12.62	10.19	3.00	19	10.00	.69	4.4	9.12	8.250	3/8 X 1.50	6.88	11.00	
324VP-326VP	17.39	2.25	2	15.44	11.69	3.62	25	16.50	.88	6.9	14.75	13.500	5/8 X 2.00	8.00	12.00	
364VP-366VP	20.25	2.25	3	18.00	13.81	4.12	25	16.50	.88	6.9	14.75	13.500	5/8 X 2.00	8.88	13.00	
404VP-406VP	22.02	2.30	3	19.25	15.08	4.12	25	16.50	.94	6.9	14.75	13.500	5/8 X 2.00	9.62	14.75	
444VP-446VP	23.25	2.30	3	22.19	17.44	6.00	25	16.50	1.06	6.9	14.75	13.500	5/8 X 2.25	11.12	15.56	

FRAME	SIZE	C	BV	AH(6)	V	SHAFT AND KEY			WEIGHT
						U(2)	EU(6)	SQ.	
254VP	28.10	9.44	2.750	2.75	1.1250	.875	.250	1.25	3.30
256VP	28.10	9.44	2.750	2.75	1.1250	.875	.250	1.25	3.40
284VP	30.66	10.44	2.750	2.75	1.1250	.875	.250	1.25	4.60
286VP	30.66	10.44	2.750	2.75	1.1250	.875	.250	1.25	4.75
324VP	34.60	11.75	4.500	4.50	1.6250	1.250	.375	3.00	6.10
326VP	34.60	11.75	4.500	4.50	1.6250	1.250	.375	3.00	6.50
364VP	37.25	12.75	4.500	4.50	1.6250	1.250	.375	3.00	9.60
366VP	37.25	12.75	4.500	4.50	1.6250	1.250	.375	3.00	9.80
404VP	41.75	14.62	4.500	4.50	1.6250	1.250	.375	3.00	13.10
406VP	41.75	14.62	4.500	4.50	1.6250	1.250	.375	3.00	13.10
444VP	47.57	17.50	4.500	4.50	2.125	1.750	.500	3.00	16.90
446VP	47.57	17.50	4.500	4.50	2.125	1.750	.500	3.00	18.90

(1) SPECIAL DIMENSIONS APPLYING TO THIS ORDER ON THIS LINE.
IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY.

- (2) "U" VARIES [2.125 AND LARGER +.000, -.001. MAXIMUM PERMISSIBLE SHAFT RUNOUT WHEN MEASURED AT END OF SHAFT EXTENSION IS .001 MAX. T.I.R. FACE RUNOUT AND 250VP - 440VP .004 MAX. T.I.R. ECCENTRICITY
- (3) MOTOR WEIGHTS MAY VARY BY 15% DEPENDING UPON RATING.
- (4) "AK" VARIES [250VP - 280VP +.003, -.000
- (5) "EU" VARIES +.000, -.005
- (6) "AH" VARIES +.030, -.030
- (7) AUXILIARY CONDUIT BOX SUPPLIED ONLY WHEN SPECIFIED.

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

266-555919

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

REV. DESC: REMOVED "AG" AND ADD "C" DIMENSION	VERSION: 03	TDR: 000000821455
REV. LTR: C	REVISD: 03: 31:17 10/08/2013	BY: RAG/JSS1
FILE: \RAG\00008\703		
MTL: -		

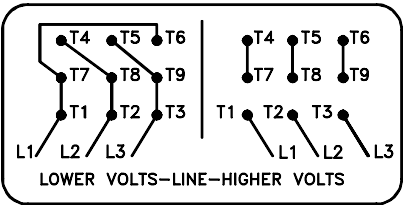
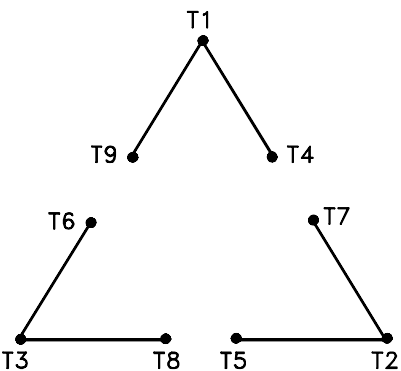
BALDOR

DIM SHT 250-440VP TEFC API THRUST DESIGN CAST IRON CBOX

SH 1 of 1

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	

Marketing maintained PDF of MN408:

<http://www.baldor.com/support/Literature/Load.ashx/MN408?ManNumber=MN408>

Marketing maintained PDF of MN416:

<http://www.baldor.com/support/Literature/Load.ashx/MN416?ManNumber=MN416>