

BALDOR® • RELIANCE

Product Information Packet

OF4411T

125HP,1140RPM,3PH,60HZ,447T,A44134M,TEFC

Part Detail							
Revision:	J	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	A44134M	Elec. Spec:	A44WG1541	CD Diagram:	416820-004
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:		Layout:	617427-009
Frame:	447T	Mounting:	F2	Poles:	06	Created Date:	08-21-2012
Base:		Rotation:	R	Insulation:	F	Eff. Date:	11-19-2014
Leads:	6#2					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP2531L							
CAT.NO.	OF4411T	SPEC NO.	P44G3991	FRAME	447T		
HP	125	PHASE	3	DESIGN	D	TYPE	P
RPM	1140	HZ	60	AMB	40	SF	1.15
VOLTS	460/796	DUTY	CONT	INSUL.CLASS	F		
AMPS	145/83.7	ENCL	TEFC	CODE	G		
DRIVE END BEARING	90BC03J30X	NEMA-NOM-EFFICIENCY	91				
OPP D.E. BEARING	90BC03J30X						
	OVER TEMP PROT 2						
SER.NO.		MOTOR WEIGHT	2881				

Parts List		
Part Number	Description	Quantity
SA254339	SA P44G3991	1.000 EA
RA241147	RA P44G3991	1.000 EA
NP2531L	INDUSTRIAL MOTOR,SS, CSA-C US,	1.000 EA
000692000FF	N/P (RELEASE QTY 1,000)	1.000 EA
000692000VD	LABEL WARNING	1.000 EA
004824015A	GREASE POLYREX EM	1.156 LB
032018008CK	HHCS 3/8-16X1L PLATED	4.000 EA
032018020FK	HHCS 3/4-10X2-1/2 PLTD.	4.000 EA
032018036DK	HHCS 1/2-13X4-1/2 PLTD.	3.000 EA
032620016LA	SOCKET SET SCREW-449	3.000 EA
34017-14AB	LCKW 3/8 STD. PLATED	4.000 EA
034180014DA	KEY 1/4X1/4X1-3/4 L	1.000 EA
034530072AB	P/NIP 1/8X9"L Threaded both ends	1.000 EA
034530072BB	PIPE NIPPLE,DE - 440-BS	1.000 EA
034630002AB	CPLG 1/4" PLATED	1.000 EA
034690002AB	"unbulked" PPLG 1/4" PLTD.	1.000 EA
034690005AB	PPLG 3/4 PLATED	2.000 EA
083199082A	G28 FAN COVER MACHINING SHORT VERSION	1.000 EA
089490099A	G28 BRKT 089490098WCA KB	1.000 EA
410700004A	WSHR	1.000 EA
412118006A	DRAIN	1.000 EA
415045002A	SLGR	1.000 EA
415096002A	CPLG 1/8 HEX TYPE	1.000 EA
702618003T	FAN 440	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
032018004BK	HHCS 5/16-18X1/2 PLATED	3.000 EA
032018006BK	HHCS 5/16-18X3/4 PLATED	3.000 EA
032018020FK	HHCS 3/4-10X2-1/2 PLTD.	4.000 EA
032018030DK	HHCS 1/2-13X3-3/4 PLTD.	3.000 EA
034017013AB	LCKW 5/16 STD. PLATED	3.000 EA
034530044AB	P/NIP 1/8X5-1/2L GALV.	1.000 EA
034530044BB	P/NIP 1/4X5-1/2L PLT	1.000 EA
034017013AB	LCKW 5/16 STD. PLATED	3.000 EA
034630002AB	CPLG 1/4" PLATED	1.000 EA
034690002AB	"unbulked" PPLG 1/4" PLTD.	1.000 EA
089490099A	G28 BRKT 089490098WCA KB	1.000 EA
412118006A	DRAIN	1.000 EA
415915007G	GASK, LAC	1.000 FT
415045002E	SLGR	1.000 EA
415096002A	CPLG 1/8 HEX TYPE	1.000 EA
418151014G	RETAIN RING	1.000 EA
702623016RA	G28 AIR DEFLECTOR ASSEMBLY FOR USE	1.000 EA
702623013A	THERMAL BARRIER -- G28 -- BRACKET MTD	1.000 EA
032018008BK	HHCS 5/16-18X1L PLATED	4.000 EA
032018008DK	HHCS 1/2-13X1 PLATED	4.000 EA
033512004LB	HHTTS 1/4-20X1/2 PLTD.	1.000 EA
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
067053014A	GASK 440	1.000 EA

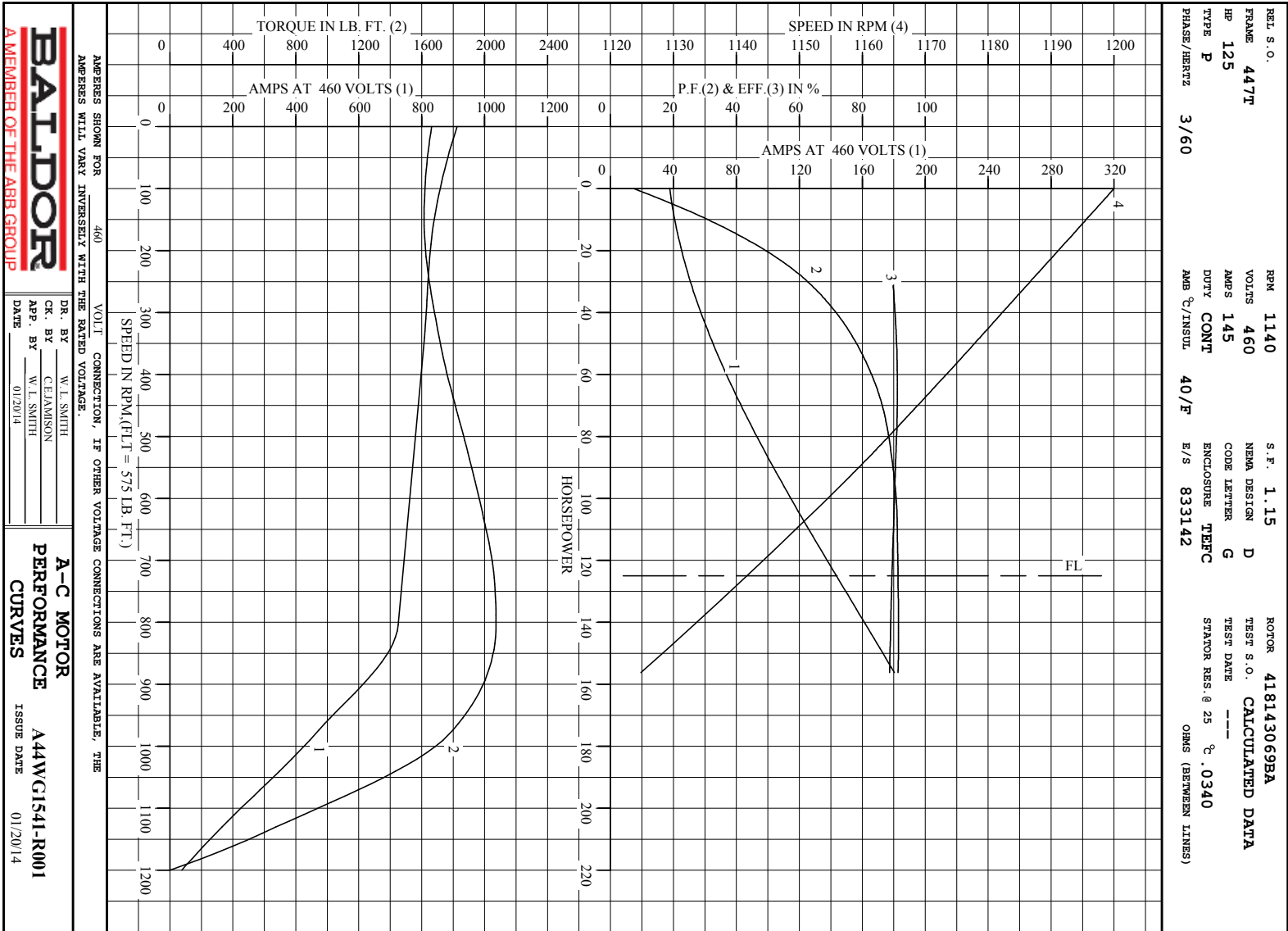
Parts List (continued)		
Part Number	Description	Quantity
076870000B	+CBCST BLKT - 440	1.000 EA
076871000A	+CBOX CVR BLKT - 449	1.000 EA
406056007A	GASKET, 440	1.000 EA
406099000A	PLUG - FAN COVER 320-440	1.000 EA
415000103D	T/LUG #4AWG-1/0AWG W/HOLE FOR .250 BOLT	1.000 EA
418150003A	GREASE FITTING CAP	1.000 EA
MG1025G03	PAINT,789.901 WILKOFASST SILVER OIL FIEL	1.000 GA
418150003A	GREASE FITTING CAP	1.000 EA
033775004EA	DRSCR #6-1/4 304 S.S.	2.000 EA
034180054KA	KEY 7/8X7/8X6-3/4 L	1.000 EA
L482401016	SPRAY AC-29-7S	0.037 GA
421948037	LABEL, MYLAR	1.000 EA
PK5006A01	WOOD BASE 447 60 X 41-1/2 BLT 20 X 18	1.000 EA

REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	447T	125	P	3/60	1140	460
AMPS	DUTY	AMB ^{°C} / INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
145	CONT	40/F	1.15	D	G	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 ^{°C} OHMS (BETWEEN LINES)		
833142	418143069BA	---	---	.0340		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	POWER FACTOR	% EFFICIENCY	
NO LOAD	0	37.8	1200	7.35	0	
1/4	31.3	51.0	1186	64.0	89.8	
2/4	62.4	76.4	1172	83.9	91.2	
3/4	93.8	108	1158	90.2	90.4	
4/4	125	143	1142	91.3	89.4	
5/4	156	181	1125	91.4	88.7	
SPEED TORQUE						
	RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES		
LOCKED ROTOR	0	289	1664	913		
PULL UP	150	281	1616	840		
BREAKDOWN	804	360	2073	726		
FULL LOAD	1142	100	575	143		
AMPERES SHOWN FOR 460. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE REMARKS: CALCULATED DATA						

BALDOR
 A MEMBER OF THE ABB GROUP

 DR. BY W. L. SMITH
 CK. BY C.E. JAMISON
 APP. BY W. L. SMITH
 DATE 01/20/14

 A-C MOTOR
 PERFORMANCE DATA
 A44WG1541-R001
 ISSUE DATE 01/20/14



DUTY MASTER ALTERNATING CURRENT MOTORS

SQUIRREL-CAGE INDUCTION

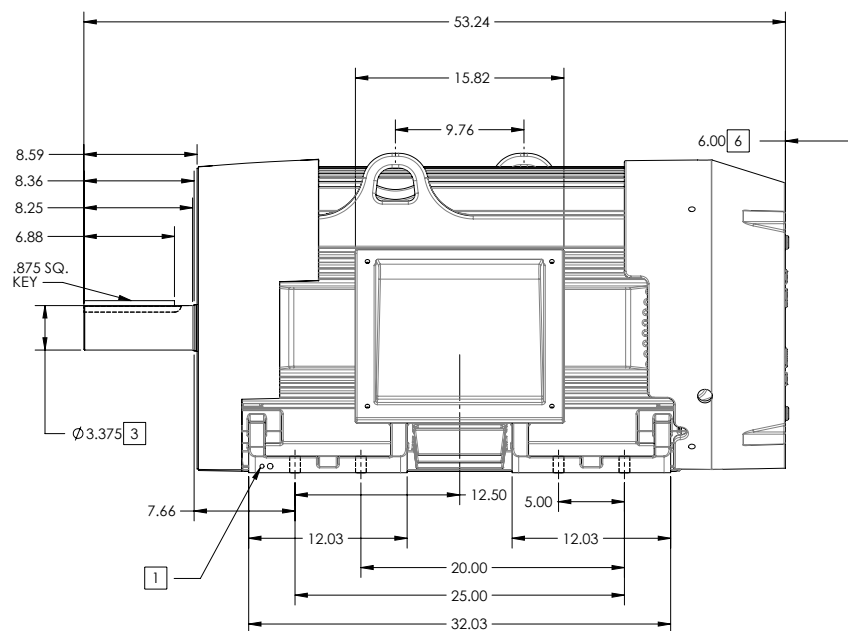
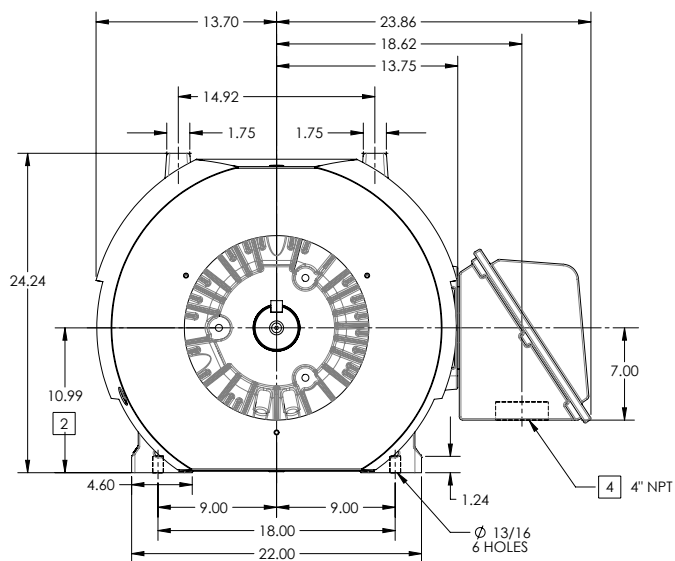
ENCLOSURE: TOTALLY ENCLOSED

FRAME G449T ABOVE NEMA RATINGS (1800 RPM MAX)

COOLING: FAN COOLED

MOUNTING: FOOT

INCLUDES 447T 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. ON STANDARD MOTORS THIS IS CONDUIT SIZE. ON XT AND CORROSION PROOF MOTOR THIS IS PIPE TAP.
5. MOTOR WEIGHTS MAY VARY BY 1.5% DEPENDING ON RATING.
6. OBSTRUCTION MUST NO ENCROACH ON AIR INLET

CONDUIT BOX LOCATED ON OPPOSITE SIDE WHEN F-1.
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.

5 WEIGHT (LBS): 3180

DRIVE END AIR DEFLECTOR IS ONLY INCLUDED WHEN NECESSARY.

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

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

SHEET NUMBER
1 OF 2
600727-009

REV. DESC: CHANGED MAIN CONDUIT BOX OUTLET FROM 3" TO 4"
REV: A VERSION: 01 REVISED: 09-07-14 07/24/2013 TDR: 00000809852
MODEL NO. 617427-009
BY: RAGBXN

BALDOR
G449T/447T STD - FOOTED - SIDE/CENTER C/B - F2 MOUNT

DUTY MASTER ALTERNATING CURRENT MOTORS

SQUIRREL-CAGE INDUCTION

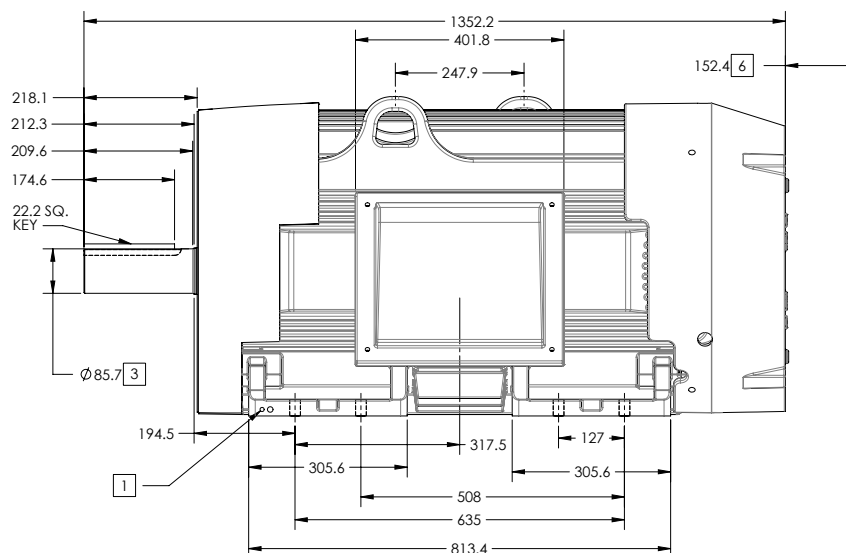
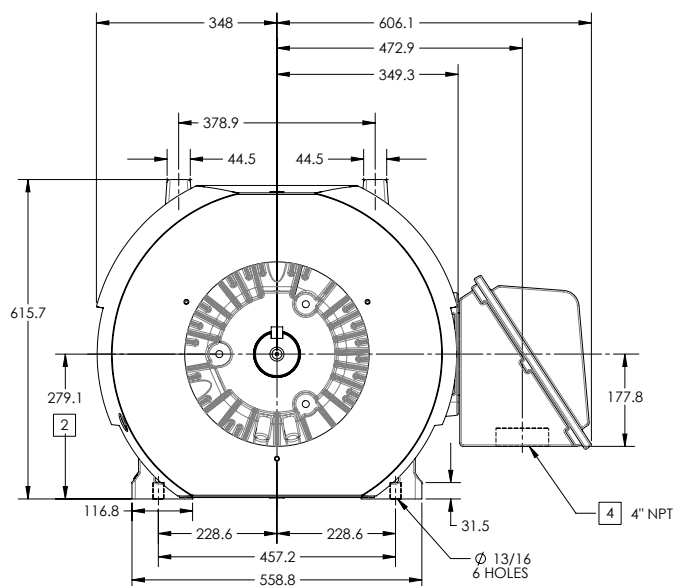
ENCLOSURE: TOTALLY ENCLOSED

FRAME G449T ABOVE NEMA RATINGS (1800 RPM MAX)

COOLING: FAN COOLED

MOUNTING: FOOT

INCLUDES 447T 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. ON STANDARD MOTORS THIS IS CONDUIT SIZE. ON XT AND CORROSION PROOF MOTOR THIS IS PIPE TAP.
5. MOTOR WEIGHTS MAY VARY BY 1.5% DEPENDING ON RATING.
6. OBSTRUCTION MUST NO ENCROACH ON AIR INLET

CONDUIT BOX LOCATED ON OPPOSITE SIDE WHEN F-1.
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.

5 WEIGHT (KGS): 1440

DRIVE END AIR DEFLECTOR IS ONLY INCLUDED WHEN NECESSARY.

DIMENSIONS ARE IN MILLIMETERS; SEE SHEET 1 FOR DIMENSIONS IN INCHES

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

SHEET NUMBER
2 OF 2

600-2727119

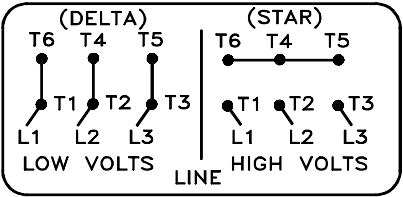
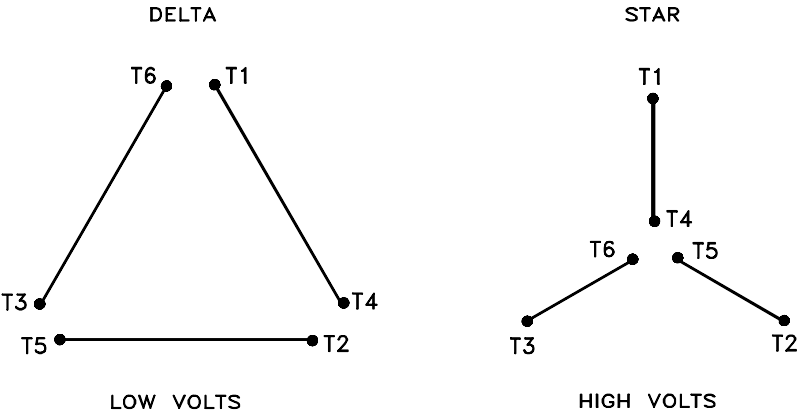
REV. DESC: CHANGED MAIN CONDUIT BOX OUTLET FROM 3" TO 4"
REV: A VERSION: 01 REVISED: 09-07-14 07/24/2013 TDR: 00000809852
MODEL NO. 617427-009
BY: RAGBXN

BALDOR

G449T/447T STD - FOOTED - SIDE/CENTER C/B - F2 MOUNT

416820-004

A-C MOTOR
CONNECTION DIAGRAM
STANDARD 6 LEAD (DELTA/STAR CONNECTED)
DUAL VOLTAGE (LOW VOLTS/HIGH VOLTS)



(N.P. 1767-CC)

416820-004

REV. DESC: ADDED CLASSIFICATONS		
REV. LTR: B	VERSION: 02	TDR: 000000539297
FILE: \RSN\00017\950		REVISED: 11: 58: 09 05/04/2010
MTL: -		BY: RAGRA

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A-C MOTOR CONNECTION DIAGRAM
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>