

BALDOR® • RELIANCE

Product Information Packet

M2566T-4

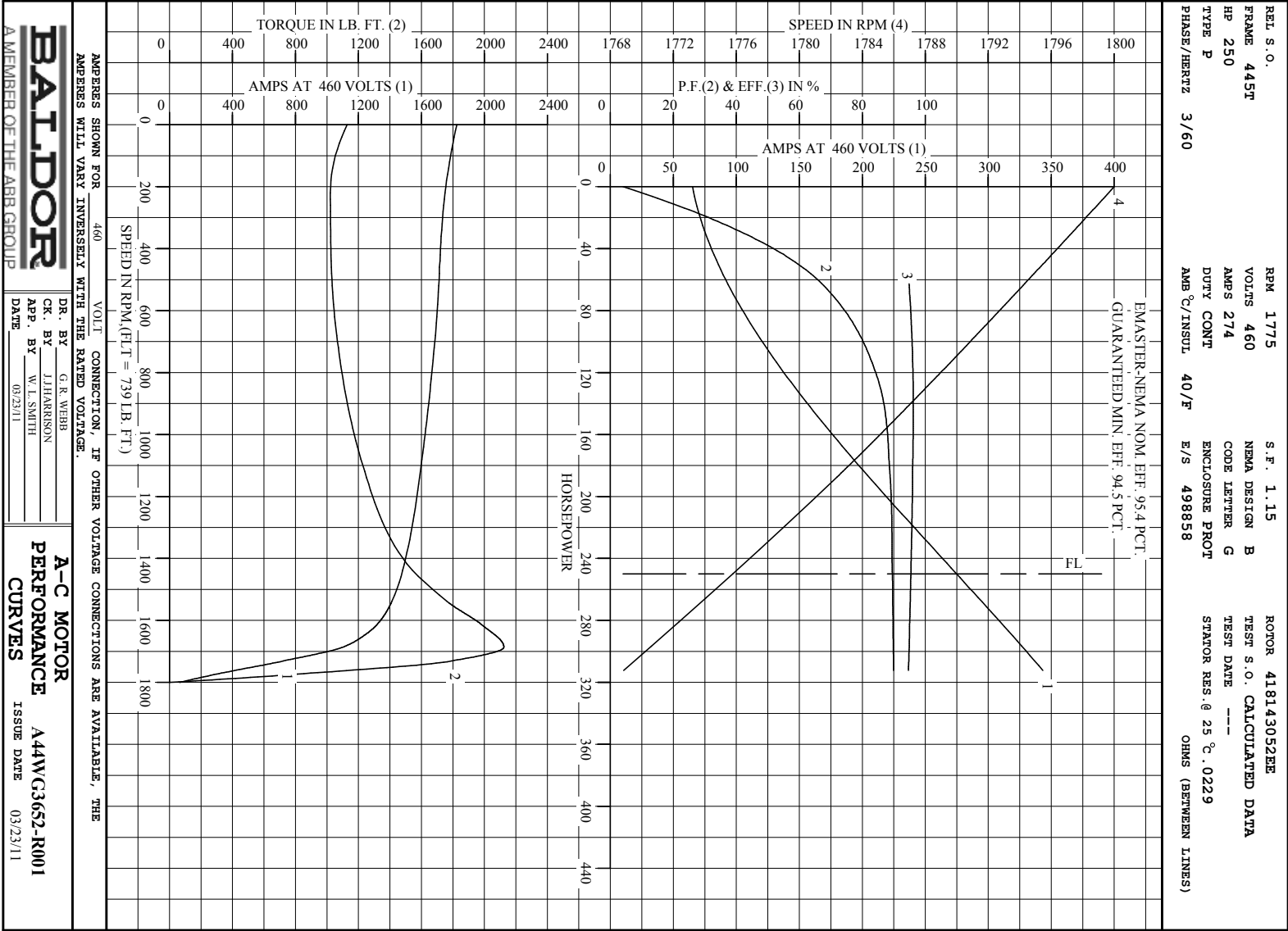
250HP,1780RPM,3PH,60HZ,445T,1880M,OPEN

Part Detail							
Revision:	H	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	A4472M	Elec. Spec:	A44WG3652	CD Diagram:	416820-008
Enclosure:	DP	Mfg Plant:		Mech. Spec:		Layout:	611750-501
Frame:	445T	Mounting:	F1	Poles:	04	Created Date:	10-19-2010
Base:		Rotation:	R	Insulation:	B	Eff. Date:	05-01-2012
Leads:	6#1/0					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP2301L										
CAT.NO.	M2566T-4	SPEC NO.	P44G4415							
HP	250	AMPS	274	VOLTS	460	DESIGN	B			
FRAME	445T	RPM	1775	HZ	60	AMB	40	SF	1.15	
DRIVE END BEARING	90BC03J30X	PHASE	3	DUTY	CONT	INSUL.CLASS	F			
OPP D.E. BEARING	90BC03J30X	TYPE	P	ENCL	DP	CODE	G			
SER.NO.		POWER FACTOR	89.5	NEMA-NOM-EFFICIENCY	95.4					
		MAX CORR KVAR	33.0	GUARANTEED EFFICIENCY	94.5					
		NEMA NOM/CSA QUOTED EFF								
		MOTOR WEIGHT								

Parts List		
Part Number	Description	Quantity
SA209256	SA P44G4415	1.000 EA
RA196518	RA P44G4415	1.000 EA
613-6PU	N/P UL CSA LABLE	1.000 EA
NP2301L	BALDOR RELIANCE INDUSTRIAL MTR, SS,	1.000 EA
000692000VD	LABEL WARNING	1.000 EA
421948044	LABEL, MYLAR	1.000 EA
004824015A	GREASE POLYREX EM	1.156 LB
032018005AK	HHCS 1/4-20X5/8 PLATED	4.000 EA
032018028EK	HHCS 5/8-11X3-1/2L PLTD	4.000 EA
032018036DK	HHCS 1/2-13X4-1/2 PLTD.	3.000 EA
034000012AB	WSHR 1/4 STD. PLATED	4.000 EA
034017012AB	LCKW 1/4 STD. PLATED	4.000 EA
034600001AA	BUSH 1/4TO1/8 BLACK	1.000 EA
035000001G	GREASE RELIEF FITTING, ALEMITE 317400	1.000 EA
089439051A	BRKT 440 089439051WCB	1.000 EA
410700004A	WSHR	1.000 EA
702611001A	BAFFL 440 SUB PAINT	1.000 EA
032018008BK	HHCS 5/16-18X1L PLATED	4.000 EA
032018008DK	HHCS 1/2-13X1 PLATED	4.000 EA
034000012AB	WSHR 1/4 STD. PLATED	4.000 EA
034017012AB	LCKW 1/4 STD. PLATED	4.000 EA
034600001AA	BUSH 1/4TO1/8 BLACK	1.000 EA
035000001G	GREASE RELIEF FITTING, ALEMITE 317400	1.000 EA
089439051A	BRKT 440 089439051WCB	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
415045002A	SLGR	1.000 EA
702611001A	BAFFL 440 SUB PAINT	1.000 EA
032018005AK	HHCS 1/4-20X5/8 PLATED	4.000 EA
032018028EK	HHCS 5/8-11X3-1/2L PLTD	4.000 EA
032018036DK	HHCS 1/2-13X4-1/2 PLTD.	3.000 EA
033512006LB	HHTTS 1/4-20X3/4 PLTD.	1.000 EA
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
048897010DJ	BUSH - 445	1.000 EA
067053001C	GASK 440	1.000 EA
076863000C	+CBCST BLKT - 440	1.000 EA
076864000A	CB CVRCST BLKT - 440	1.000 EA
406056007A	GASKET, 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
MG1025G05	MEDIUM CHARCOAL METALLIC GREY	0.250 GA
033775004EA	DRSCR #6-1/4 304 S.S.	2.000 EA
418150003A	GREASE FITTING CAP	1.000 EA
034180054KA	KEY 7/8X7/8X6-3/4 L	1.000 EA
PK5004A09	BASE 48 X 39-1/4 STACK 2 X 4 RUUNER	1.000 EA

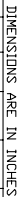


Printed on 3/23/11 15:27 @ ragsun

**SQUIRREL-CAGE INDUCTION
CAST IRON CONSTRUCTION**

ENCLOSURE: PROTECTED
MOUNTING: FOOT

FRAMES 250T THRU 440T



FRAME	A	D(2)	E	G	H	J	K	Q	P	T	CAST IRON TERMINAL BEIX							
											AA	AB	AC	AF	BA	EV	FE	GA
25(1)-25(6)	12.50	6.00	7.50	5.6	5.6	2.75	3.75	14.61	12.69	2.44	1-1/4	10.25	9.62	5.50	4.29	6.62		
25(1)-26(5)	14.00	7.25	5.50	7.5	5.6	2.75	3.75	14.61	12.69	2.44	1-1/2	12.06	9.62	3.19	4.75	1.00		
28(1)-28(6)	15.00	8.00	6.50	8.5	6.5	3.00	4.00	16.50	16.42	2.44	2	14.75	11.00	3.62	5.50	1.00		
32(1)-32(5)	15.75	8.00	6.50	8.8	6.9	3.12	4.00	16.50	16.42	2.44	2	14.75	11.00	4.12	5.88	1.00		
36(1)-36(5)	17.00	9.00	7.00	8.8	6.9	3.00	3.62	18.50	19.56	2.94	3	18.00	13.81	4.62	5.88	1.00		
40(1)-40(5)	19.00	10.00	8.00	11.2	8.1	3.25	4.75	20.56	21.81	2.94	3	19.00	14.81	3.12	6.62	1.12		
44(1)-44(5)	21.00	11.00	9.00	11.2	8.1	3.25	5.29	22.91	23.62	3.25	3	21.44	16.69	5.00				
48(1)-48(5)	23.00	12.00	10.00	12.5	9.0	3.50	5.29	25.39	26.42	3.50	3	23.44	18.69	5.00				

REV. DESC: LOADED TO BUS		
REV. LTR: A	VERSION: 01	TDR: 000000546464
FILE: \RAG\00009\279	REVISED: 03:18:49 06/22/2010	BY: RAGHZT
MTL: -		

DIM SHT-250T-440T

SH 1 of 1

- CONDUIT BOX LOCATED ON OPPOSITE SIDE WHEN F-2,W-1,
W-4,W-5,W-7, DR C-1 MOUNTING IS SPECIFIED.

IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY.

MAXIMUM PERMISSIBLE SHAFT RUNOUT WHEN MEASURED AT END OF STD. SHAFT EXTENSION IS .002 T.I.R. UP TO AND INCLUDING 1.625 DIA. AND .003 T.I.R. ABOVE 1.625 TO 5 INCH DIA.

ID	FRAME	(4)										SHAFT AND KEY				METRIC LB (CS)
		C	BS	B	2F	2X	N	N-W/6	U/3	V	SO	LGTH				
2547	2547	22.44	5.00	11.25	---	8.25	4.25	4.00	1.665	3.75	3.75	2.75	2.65			
2548	2548	22.44	5.00	11.25	10.00	---	4.25	4.00	1.665	3.75	3.75	2.75	2.65			
2549	2549	24.94	5.50	13.00	---	---	9.50	4.88	4.62	1.875	4.38	5.00	3.25			
2550	2550	24.94	5.50	13.00	11.00	---	9.50	3.50	3.25	1.665	3.00	3.75	3.40			
2551	2551	24.94	5.50	13.00	11.00	---	4.88	4.62	1.875	4.38	5.00	3.25	3.40			
2552	2552	27.36	6.00	14.00	13.00	---	10.50	5.50	5.25	2.65	5.00	5.00	3.75			
2553	2553	27.36	6.00	14.00	---	10.50	4.00	3.75	1.875	3.80	5.00	2.00	4.80			
2554	2554	27.36	6.00	14.00	---	---	5.50	5.25	2.125	5.00	5.00	3.75	5.20			
2555	2555	26.06	5.00	14.00	12.00	---	4.00	3.75	1.875	3.50	5.00	2.00	5.20			
2556	2556	26.06	5.00	14.00	---	11.25	4.00	3.88	2.375	5.62	5.65	4.25	7.25			
2557	2557	29.70	6.12	14.25	---	11.25	4.00	3.75	1.875	3.50	5.00	2.00	7.20			
2558	2558	27.88	6.12	14.25	---	6.00	4.02	3.88	2.375	5.62	5.65	4.25	7.20			
2559	2559	29.70	6.12	14.25	12.25	---	4.02	3.88	2.375	5.62	5.65	4.25	7.20			
2560	2560	29.70	6.12	14.25	12.25	---	6.00	3.75	1.875	3.50	5.00	2.00	7.00			
2561	2561	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2562	2562	37.88	6.12	16.25	---	12.25	4.00	3.75	1.875	3.50	5.00	2.00	7.00			
2563	2563	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2564	2564	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2565	2565	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2566	2566	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2567	2567	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2568	2568	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2569	2569	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2570	2570	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2571	2571	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2572	2572	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2573	2573	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2574	2574	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2575	2575	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2576	2576	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2577	2577	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2578	2578	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2579	2579	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2580	2580	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2581	2581	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2582	2582	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2583	2583	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2584	2584	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2585	2585	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2586	2586	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2587	2587	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2588	2588	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2589	2589	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2590	2590	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2591	2591	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2592	2592	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2593	2593	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2594	2594	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2595	2595	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2596	2596	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2597	2597	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2598	2598	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2599	2599	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2600	2600	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2601	2601	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2602	2602	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2603	2603	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2604	2604	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2605	2605	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2606	2606	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2607	2607	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2608	2608	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2609	2609	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2610	2610	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2611	2611	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2612	2612	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2613	2613	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2614	2614	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2615	2615	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2616	2616	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2617	2617	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2618	2618	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2619	2619	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2620	2620	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2621	2621	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2622	2622	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2623	2623	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2624	2624	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2625	2625	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2626	2626	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2627	2627	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2628	2628	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2629	2629	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2630	2630	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2631	2631	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2632	2632	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2633	2633	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2634	2634	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2635	2635	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2636	2636	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2637	2637	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2638	2638	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2639	2639	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2640	2640	37.88	6.12	16.25	---	12.25	4.02	3.75	1.875	3.50	5.00	2.00	7.00			
2641	2641	37.88	6.12	1												

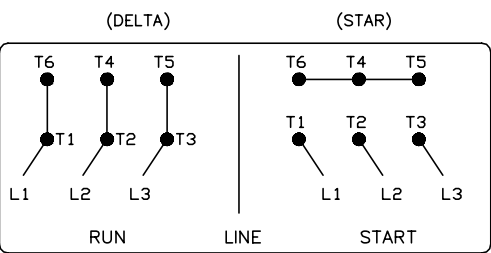
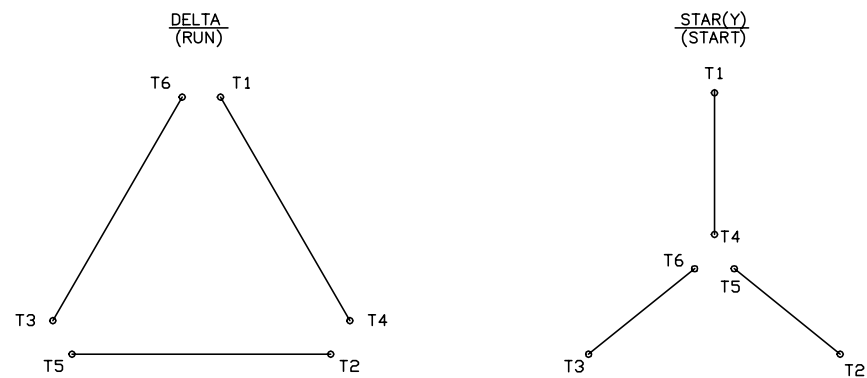
FRAME-_____TYPE-_____CERTIFIED FOR-_____
 DRIVER-_____ITEM-_____HP-_____RPM-_____PH-_____HZ-_____VOLTS-_____
 SALES ORDER-_____APPROVED BY-_____DATE-_____

611750-501

416820-008

A-C MOTOR
CONNECTION DIAGRAM

STANDARD 6 LEAD Y START – DELTA RUN



(N. P. 1767-DC)

REV. DESC: ADDED T4 TO Y CONNECT DIAGRAM		
REV. LTR: D	VERSION: 04	TDR: 000000847713
FILE: \RAG\00001\808	REVISED: 10: 41: 26 04/08/2014	BY: RAGJSS1
MTL: -		

BALDOR

CONNECT DIAGRAM STD 6 LEAD Y START DELTA RUN
SH 1 of 1

416820-008

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>