

BALDOR® • RELIANCE

Product Information Packet

EM2552T-4

75HP,1185RPM,3PH,60HZ,405T,ODP,FOOT,

Part Detail							
Revision:	J	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	A40064M	Elec. Spec:	A40WG0466	CD Diagram:	416820-008
Enclosure:	DP	Mfg Plant:		Mech. Spec:		Layout:	611750-001
Frame:	405T	Mounting:	F1	Poles:	06	Created Date:	10-19-2010
Base:		Rotation:	R	Insulation:	F	Eff. Date:	09-26-2016
Leads:	6#6					Replaced By:	
Literature:		Elec. Diagram:					

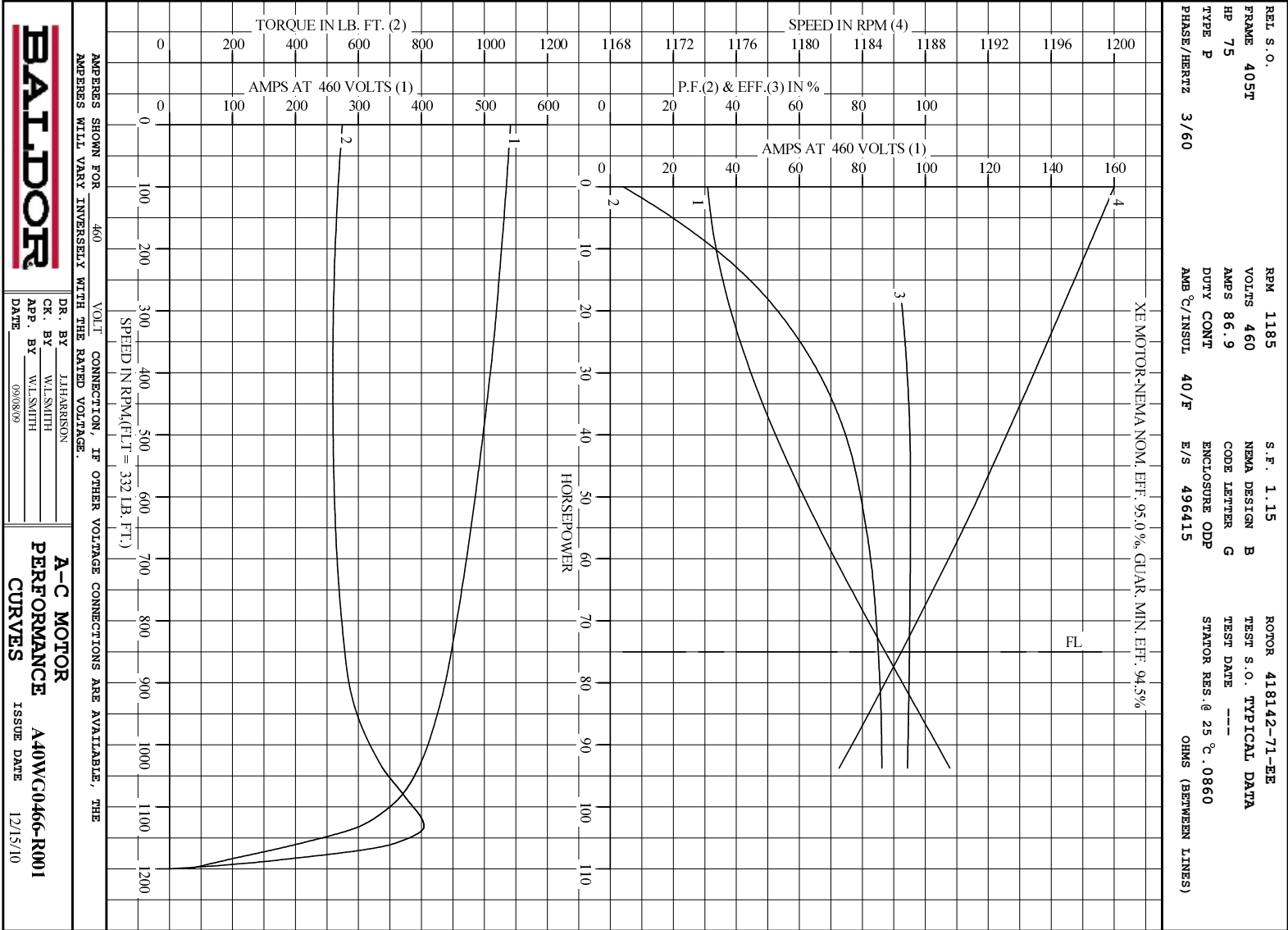
Nameplate NP2383L

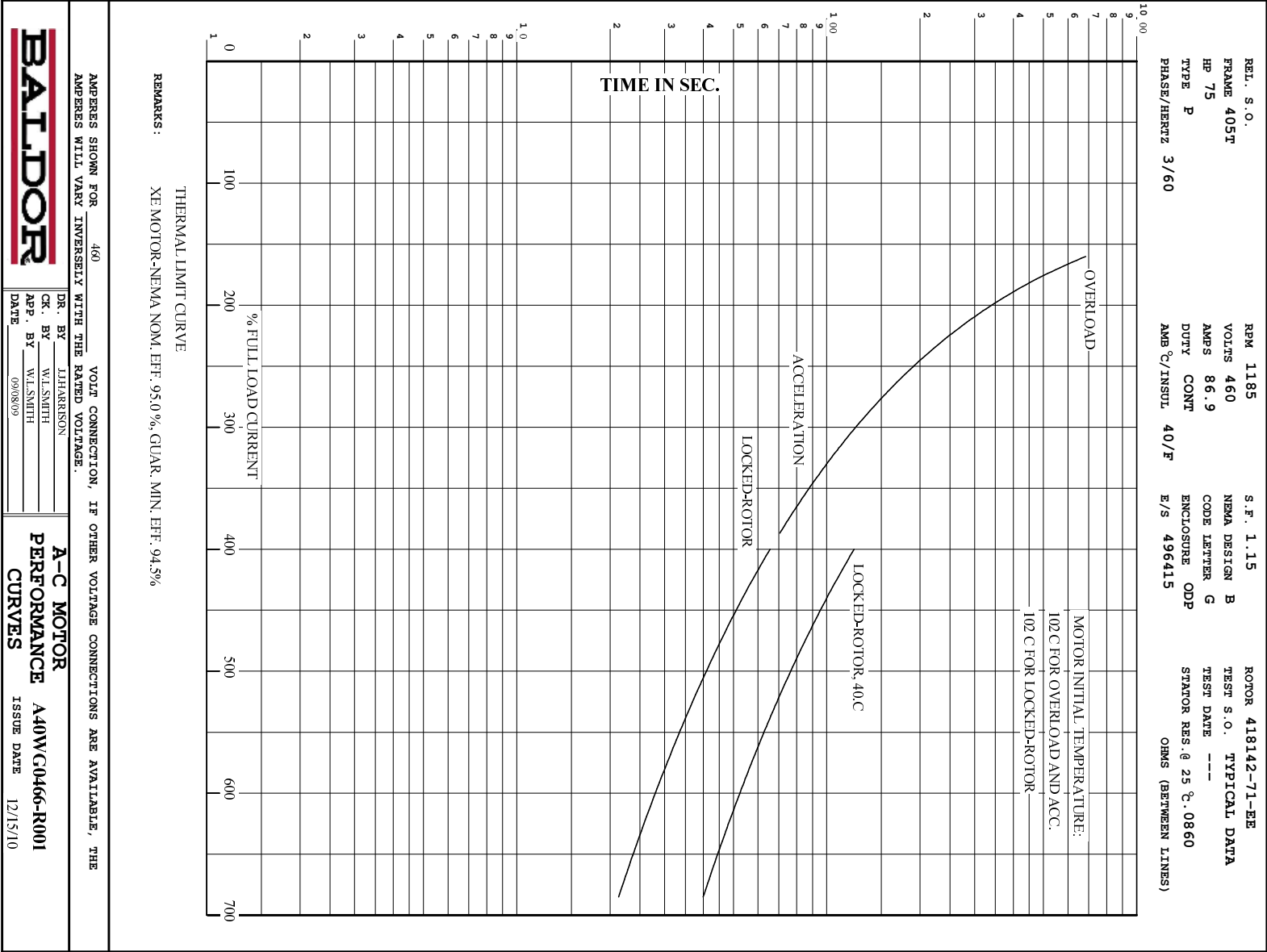
CAT.NO.	EM2552T-4	SPEC NO.	P40G302
HP	75	AMPS	86.9
FRAME	405T	RPM	1185
DRIVE END BEARING	80BC03J30X	HZ	60
OPP D.E. BEARING	80BC03J30X	AMB	40
SER.NO.		SF	1.15
		INSUL.CLASS	F
		PHASE	3
		DUTY	CONT
		TYPE	P
		ENCL	DP
		CODE	G
		POWER FACTOR	85
		NEMA-NOM-EFFICIENCY	95
		MAX CORR KVAR	15.0
		GUARANTEED EFFICIENCY	94.5
NEMA NOM/CSA QUOTED EFF		MOTOR WEIGHT	1067

Parts List		
Part Number	Description	Quantity
SA209231	SA P40G302	1.000 EA
RA196493	RA P40G302	1.000 EA
000613006PU	N/P (RELEASE QTY 10,000) UL CSA LABLE	1.000 EA
000692000VD	LABEL WARNING	1.000 EA
NP2383L	SUPER-E ,SS, CC, CSA-C US, CSA EEV	1.000 EA
421948044	LABEL, MYLAR	1.000 EA
004824015A	GREASE POLYREX EM	0.884 LB
032018005AK	HHCS 1/4-20X5/8 PLATED	4.000 EA
032018020DK	HHCS 1/2-13X2-1/2 PLTD.	2.000 EA
032018026DK	HHCS 1/2-13X3-1/4L PLTD.	2.000 EA
032018030CK	HHCS 3/8-16X3-3/4 PLATED	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
089407052A	BRKT 400 089407052WCB	1.000 EA
702609001A	BAFFL 400 SUB PAINT	1.000 EA
089407052A	BRKT 400 089407052WCB	1.000 EA
410700000DA	WAVY SPRING WASHER	1.000 EA
702609001A	BAFFL 400 SUB PAINT	1.000 EA
032018005AK	HHCS 1/4-20X5/8 PLATED	4.000 EA
032018020DK	HHCS 1/2-13X2-1/2 PLTD.	2.000 EA
032018026DK	HHCS 1/2-13X3-1/4L PLTD.	2.000 EA
032018030CK	HHCS 3/8-16X3-3/4 PLATED	3.000 EA

Parts List (continued)		
Part Number	Description	Quantity
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
032018004AK	HHCS 1/4-20X1/2 PLATED	4.000 EA
032018008CK	HHCS 3/8-16X1L 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
048897010DH	BUSH - 400	1.000 EA
077176000L	C/BOX, PAINTED 360-400	1.000 EA
077176001A	CBOXC, PAINTED 360-400	1.000 EA
415000103D	T/LUG #4AWG-1/0AWG W/HOLE FOR .250 BOLT	1.000 EA
418150003A	GREASE FITTING CAP	1.000 EA
418150003A	GREASE FITTING CAP	1.000 EA
MG1000Y03	MUNSELL 2.53Y 6.70/ 4.60, GLOSS 20,	0.250 GA
033775004EA	DRSCR #6-1/4 304 S.S.	4.000 EA
034180044JA	KEY 3/4X3/4X5-1/2 L	1.000 EA
PK5004A02	WOOD BASE 40X32 STACK 2X4 RUNNER	1.000 EA

Accessories		
Part Number	Description	Multiplier
089407053B	C-FACE BRKT 400 089407053WCA	P1
089407054B	D-FLANGE BRKT 400 089407054WCA, D-FLG	P1





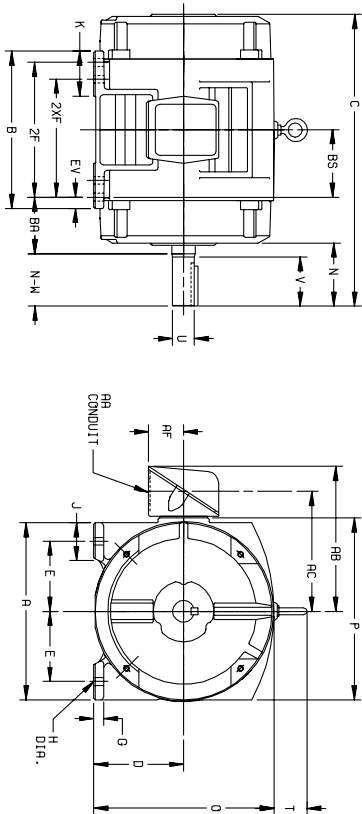
611750-001

DUTY MASTER ALTERNATING CURRENT MOTORS
SQUIRREL-CAGE INDUCTION

ENCLOSURE: PROTECTED
MOUNTING: FOOT

COOLING: SELF-VENTILATED

FRAMES 250T THRU 440T



DIMENSIONS ARE IN INCHES

FRAME	A	D(2)	E	G	H	J	K	O	P	T	STEEL TERMINAL BOX					BA	EA	EV
254T-256T	12.50	6.25	5.00	.69	.56	2.25	3.50	12.61	12.69	2.44	1-1/4	10.19	8.19	2.50	4.25	.62		
284T-286T	14.00	7.00	5.50	.75	.66	2.75	3.75	14.12	14.31	2.44	1-1/2	12.19	9.44	3.19	4.75	1.00		
324T-326T	15.75	8.00	6.25	.88	.69	3.12	4.00	16.10	16.42	2.44	2	14.25	10.75	4.25	5.25	1.00		
364T-365T	17.00	9.00	7.00	.88	.69	3.00	3.62	18.50	19.56	2.94	3	18.06	14.00	5.38	5.88	1.00		
404T-405T	19.00	10.00	8.00	1.12	.81	3.25	4.75	20.56	21.81	2.94	3	19.06	15.00	4.38	6.62	1.12		
444T-445T	21.00	11.00	9.00	1.12	.81	3.25	5.25	22.91	23.62	3.25	3	22.62	17.38	5.50	7.50	1.25		

FRAME	SIZE	C	BS	B	2F	(4)	N	(N-W(6))	U(3)	V	SQ.	LGTH.	WGT.
254T	22.44	5.00	11.25	---	---	8.25	4.25	4.00	1.625	3.75	.375	2.75	.265
256T	22.44	5.00	11.25	---	---	---	4.25	4.00	1.625	3.75	.375	2.75	.275
284T	24.94	5.50	13.00	---	---	9.50	4.88	4.62	1.875	4.38	.500	3.25	.340
286T	24.94	5.50	13.00	---	---	---	4.88	4.62	1.875	4.38	.500	3.25	.370
324T	23.56	5.50	13.00	---	---	---	3.50	3.25	1.625	3.00	.375	1.88	.485
326T	23.56	5.50	13.00	---	---	---	3.50	3.25	1.625	3.00	.375	1.88	.485
364T	26.06	6.00	14.00	---	---	10.50	4.00	3.75	1.875	3.50	.500	2.00	.465
365T	26.06	6.00	14.00	---	---	---	4.00	3.75	1.875	3.50	.500	2.00	.505
364T	26.06	6.00	14.00	---	---	---	4.00	3.75	1.875	3.50	.500	2.00	.505
365T	26.06	6.00	14.00	---	---	---	4.00	3.75	1.875	3.50	.500	2.00	.505
364T	26.06	6.00	14.00	---	---	---	4.00	3.75	1.875	3.50	.500	2.00	.505
365T	26.06	6.00	14.00	---	---	---	4.00	3.75	1.875	3.50	.500	2.00	.505
364T	26.06	6.00	14.00	---	---	---	4.00	3.75	1.875	3.50	.500	2.00	.505
365T	26.06	6.00	14.00	---	---	---	4.00	3.75	1.875	3.50	.500	2.00	.505
404T	29.70	6.12	14.25	---	---	11.25	4.62	4.25	2.125	4.00	.750	2.75	.755
405T	29.70	6.12	14.25	---	---	---	4.62	4.25	2.125	4.00	.750	2.75	.755
404T	34.00	6.88	16.00	---	---	12.25	4.62	4.25	2.125	4.00	.750	2.75	.755
405T	34.00	6.88	16.00	---	---	---	4.62	4.25	2.125	4.00	.750	2.75	.755
404T	34.00	6.88	16.00	---	---	---	4.62	4.25	2.125	4.00	.750	2.75	.755
405T	34.00	6.88	16.00	---	---	---	4.62	4.25	2.125	4.00	.750	2.75	.755
444T	39.56	8.25	19.00	---	---	14.50	8.84	8.50	3.375	8.25	.875	6.88	1.715
445T	39.56	8.25	19.00	---	---	---	8.84	8.50	3.375	8.25	.875	6.88	1.715
445T	39.56	8.25	19.00	---	---	---	8.84	8.50	3.375	8.25	.875	6.88	1.715
445T	39.56	8.25	19.00	---	---	---	8.84	8.50	3.375	8.25	.875	6.88	1.715

- (1) SPECIAL DIMENSIONS APPLYING TO THIS ORDER ON THIS LINE.
- (2) "D" VARIES $\begin{cases} 250T - 320T + .00, -.03. \\ 360T - 440T + .00, -.06. \end{cases}$
- (3) "U" VARIES + .000, -.001
- (4) ALL FRAMES HAVE EIGHT MOUNTING HOLES FOR DUAL MOUNTING.
- (5) MOTOR WEIGHTS MAY VARY BY 15% DEPENDING UPON RATING.
- 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.

FRAMES "N"-W VARIES + .00, -.25 TYPE _____ CERTIFIED FOR _____

ORDER _____ ITEM _____ HP _____ RPM _____ PH _____ HZ _____ VOLTS _____

SALES ORDER _____ APPROVED BY _____ DATE _____

100-057119

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

REV. DESC: ASSIGNED TO BUSLOAD	VERSION: 01	TDR: 000000489455
REV. LTR: A	REVISED: 15: 03: 33 02/02/2009	BY: RAG2JR
FILE: \RAG\00008\297		
MTL: -		

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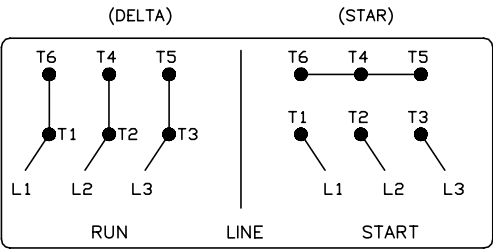
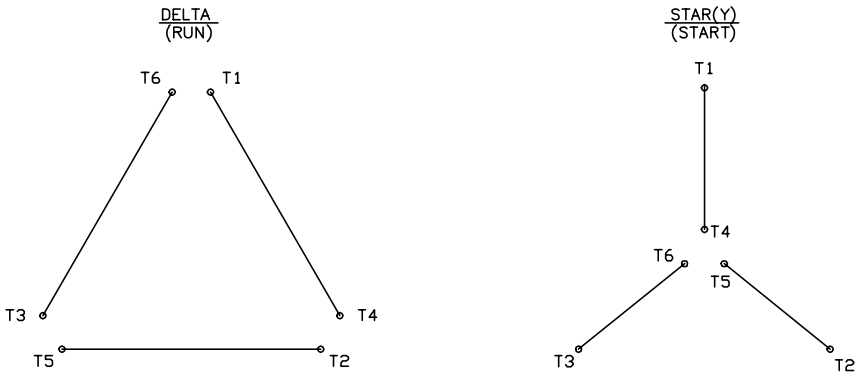
DIM SHT PROT SV FT 250-440T

SH 1 of 1

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>