

BALDOR® • RELIANCE

Product Information Packet

EM4314T

60HP,1780RPM,3PH,60HZ,364T,A3662M,TEFC,F

Part Detail							
Revision:	J	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	A3662M	Elec. Spec:	A36WG1822	CD Diagram:	416820-002
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:		Layout:	617428-012
Frame:	364T	Mounting:	F1	Poles:	04	Created Date:	01-11-2012
Base:		Rotation:	R	Insulation:	F	Eff. Date:	09-26-2016
Leads:	3#4,6#6					Replaced By:	
Literature:		Elec. Diagram:					

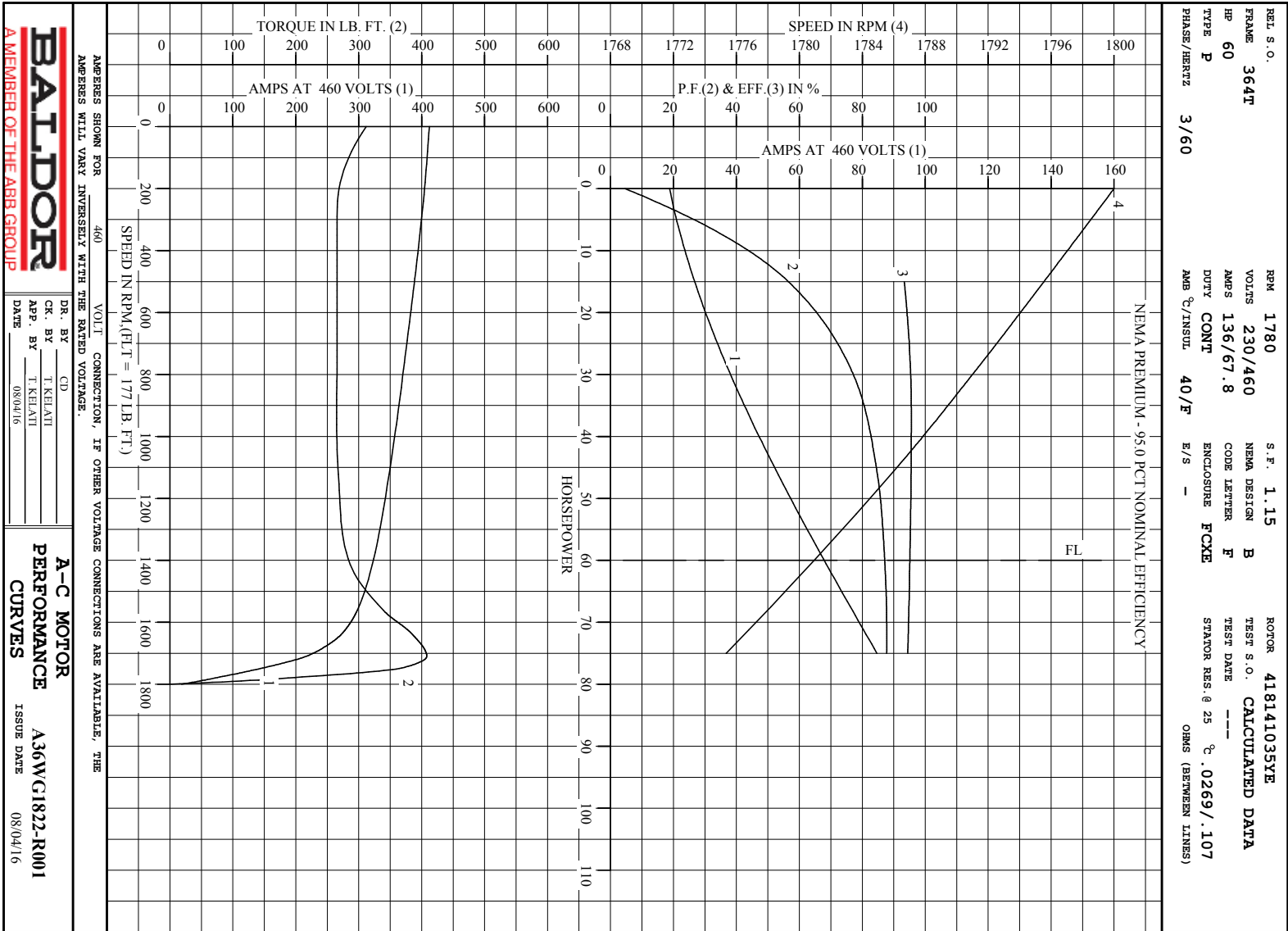
Nameplate NP2383L

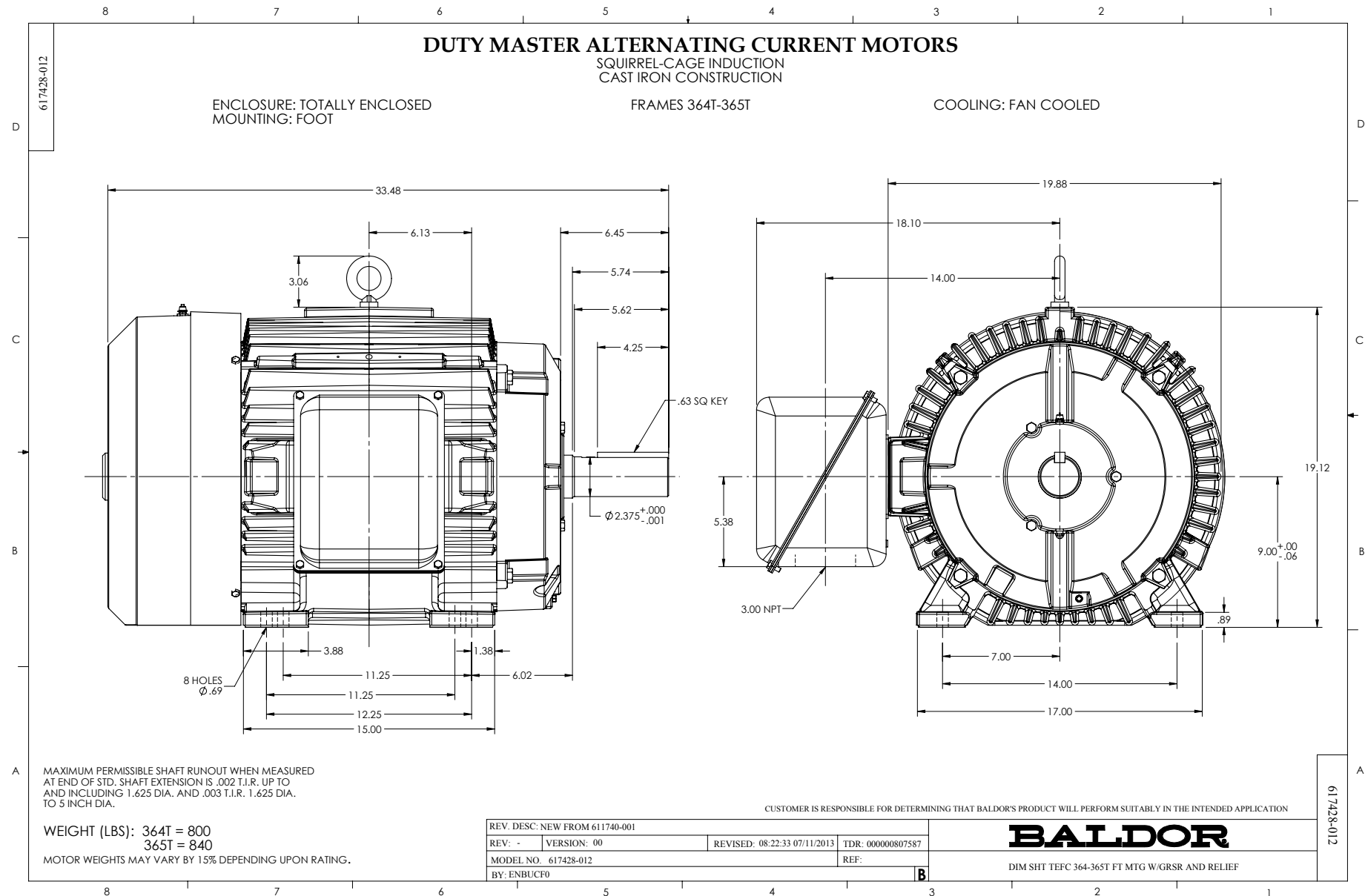
CAT.NO.	EM4314T	SPEC NO.	A36-1126-1822
HP	60	AMPS	135/67.8
FRAME	364T	RPM	1780
DRIVE END BEARING	65BC03J30X	HZ	60
OPP D.E. BEARING	65BC03J30X	AMB	40
SER.NO.		SF	1.15
		INSUL.CLASS	F
		PHASE	3
		DUTY	CONT
		TYPE	P
		ENCL	TEFC
		CODE	F
		POWER FACTOR	87
		NEMA-NOM-EFFICIENCY	95
		MAX CORR KVAR	11.0
		GUARANTEED EFFICIENCY	94.1
NEMA NOM/CSA QUOTED EFF			
	SUIT FOR 208V AT 149 AMPS	MOTOR WEIGHT	912

Parts List		
Part Number	Description	Quantity
SA237223	SA A36-1126-1822	1.000 EA
RA224156	RA A36-1126-1822	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
421948032	LABEL, MYLAR	1.000 EA
004824015A	GREASE POLYREX EM	0.544 LB
032018008AK	HHCS 1/4-20X1 PLATED	4.000 EA
032018012DK	HHCS 1/2-13X1-1/2 PLTD.	4.000 EA
032018024CK	HHCS 3/8-16X3 PLTD.	3.000 EA
034180012DA	KEY 1X4X1/4X1-1/2 L	1.000 EA
034530052AB	P/NIP 1/8X6-1/2 GALV.	1.000 EA
034600001AA	BUSH 1/4TO1/8 BLACK	1.000 EA
034690001AB	SQHDPLG, COND	1.000 EA
702676001C	FAN 360 - 56 PCS	1.000 EA
078559001A	+FANCV - 360	1.000 EA
085922073B	BRKT 360 085922072WCC KB	1.000 EA
410700004F	WSHR	1.000 EA
415072001B	CLAMP	1.000 EA
415096002A	CPLG 1/8 HEX TYPE	1.000 EA
032018012DK	HHCS 1/2-13X1-1/2 PLTD.	4.000 EA
032018024CK	HHCS 3/8-16X3 PLTD.	3.000 EA
034600001AA	BUSH 1/4TO1/8 BLACK	1.000 EA
034690001AB	SQHDPLG, COND	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
035000001G	GREASE RELIEF FITTING, ALEMITE 317400	1.000 EA
085922073B	BRKT 360 085922072WCC KB	1.000 EA
035000001G	GREASE RELIEF FITTING, ALEMITE 317400	1.000 EA
032018005AK	HHCS 1/4-20X5/8 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
043292000AJ	GASK 320-400	1.000 EA
077176000L	C/BOX, PAINTED 360-400	1.000 EA
077176001A	CBOXC, PAINTED 360-400	1.000 EA
402731001A	GASK 360-440	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
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.	2.000 EA
034180034HA	KEY 5/8X5/8X4-1/4 L	1.000 EA
14PA1000	PACKAGING 314 GROUP COMBINED PRINT	1.000 EA

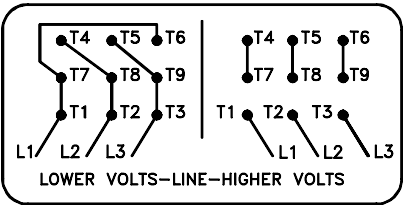
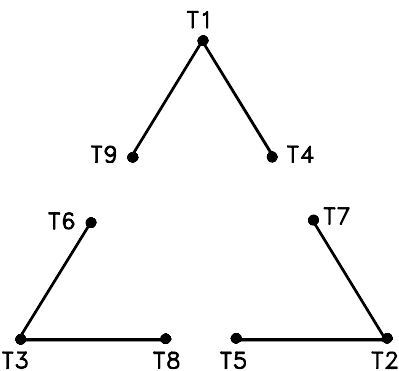
REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	364T	60	P	3/60	1780	230/460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
136/67.8	CONT	40/F	1.15	B	F	FCXE
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
-	418141035YE	---	---	.0269/.107		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	POWER FACTOR	% EFFICIENCY	
NO LOAD	0	18.8	1800	4.55	0	
1/4	15.0	26.7	1796	56.6	93.3	
2/4	30.0	38.2	1791	77.1	95.4	
3/4	45.0	52.2	1786	84.5	95.5	
4/4	60.0	67.8	1781	87.1	95.1	
5/4	75.0	84.7	1775	87.8	94.5	
SPEED TORQUE						
	RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES		
LOCKED ROTOR	0	176	312	412		
PULL UP	270	150	266	401		
BREAKDOWN	1710	231	408	216		
FULL LOAD	1781	100	177	67.8		
AMPERES SHOWN FOR 460. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE REMARKS: CALCULATED DATA NEMA PREMIUM - 95.0 PCT NOMINAL EFFICIENCY						
BALDOR A MEMBER OF THE ABB GROUP		DR. BY _____ CK. BY _____ T. RELIANT DATE 08/04/16		A-C MOTOR PERFORMANCE DATA A36WG1822-R001 ISSUE DATE 08/04/16		





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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