

BALDOR® • RELIANCE

Product Information Packet

CEM4310T

60HP,3550RPM,3PH,60HZ,364TSC,TEFC

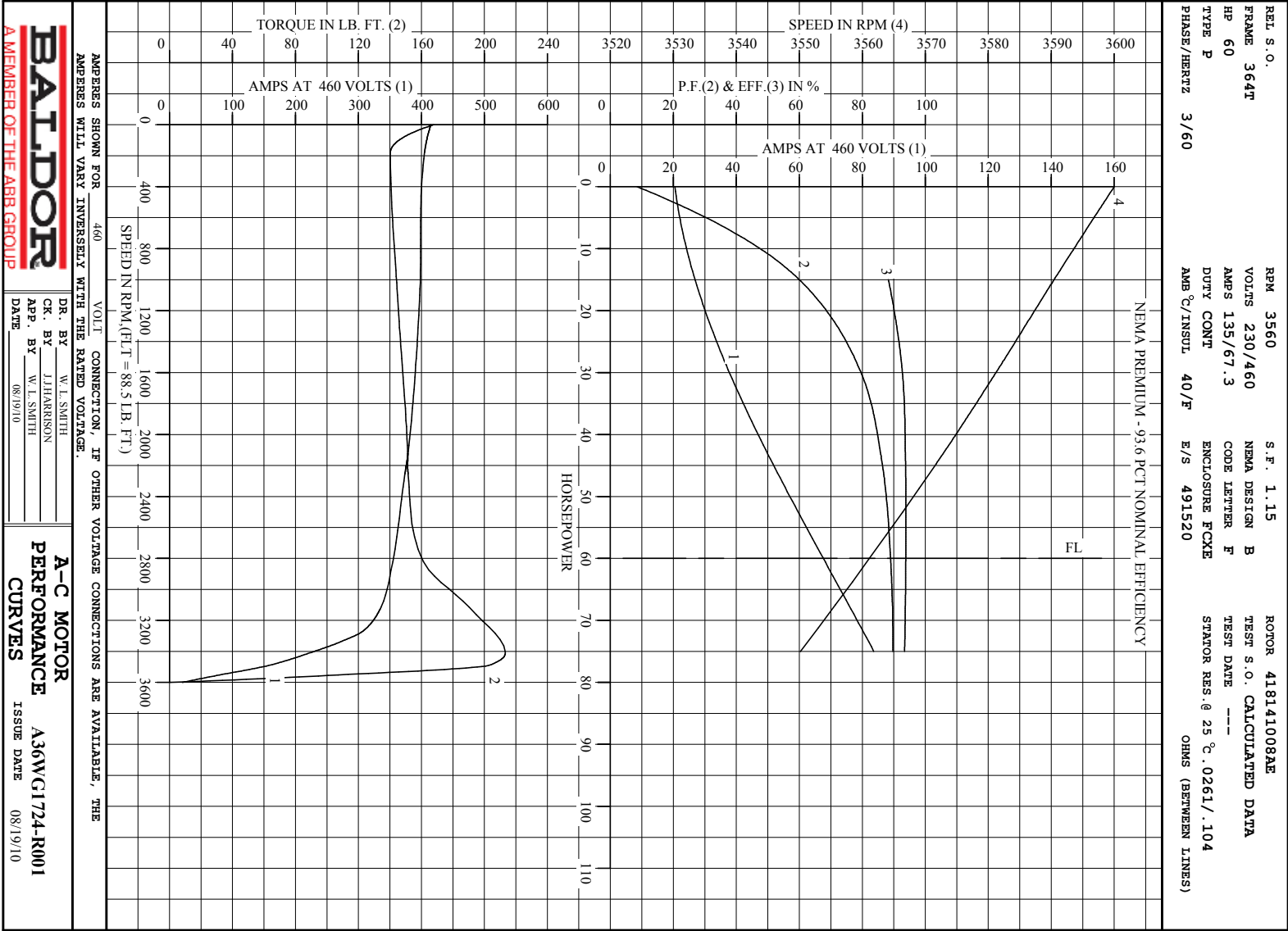
Part Detail							
Revision:	M	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	A36048M	Elec. Spec:	A36WG1724	CD Diagram:	416820-002
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:		Layout:	617428-017
Frame:	364TSC	Mounting:	F1	Poles:	02	Created Date:	01-13-2011
Base:		Rotation:	R	Insulation:	B	Eff. Date:	09-26-2016
Leads:	3#4,6#6					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP2383L

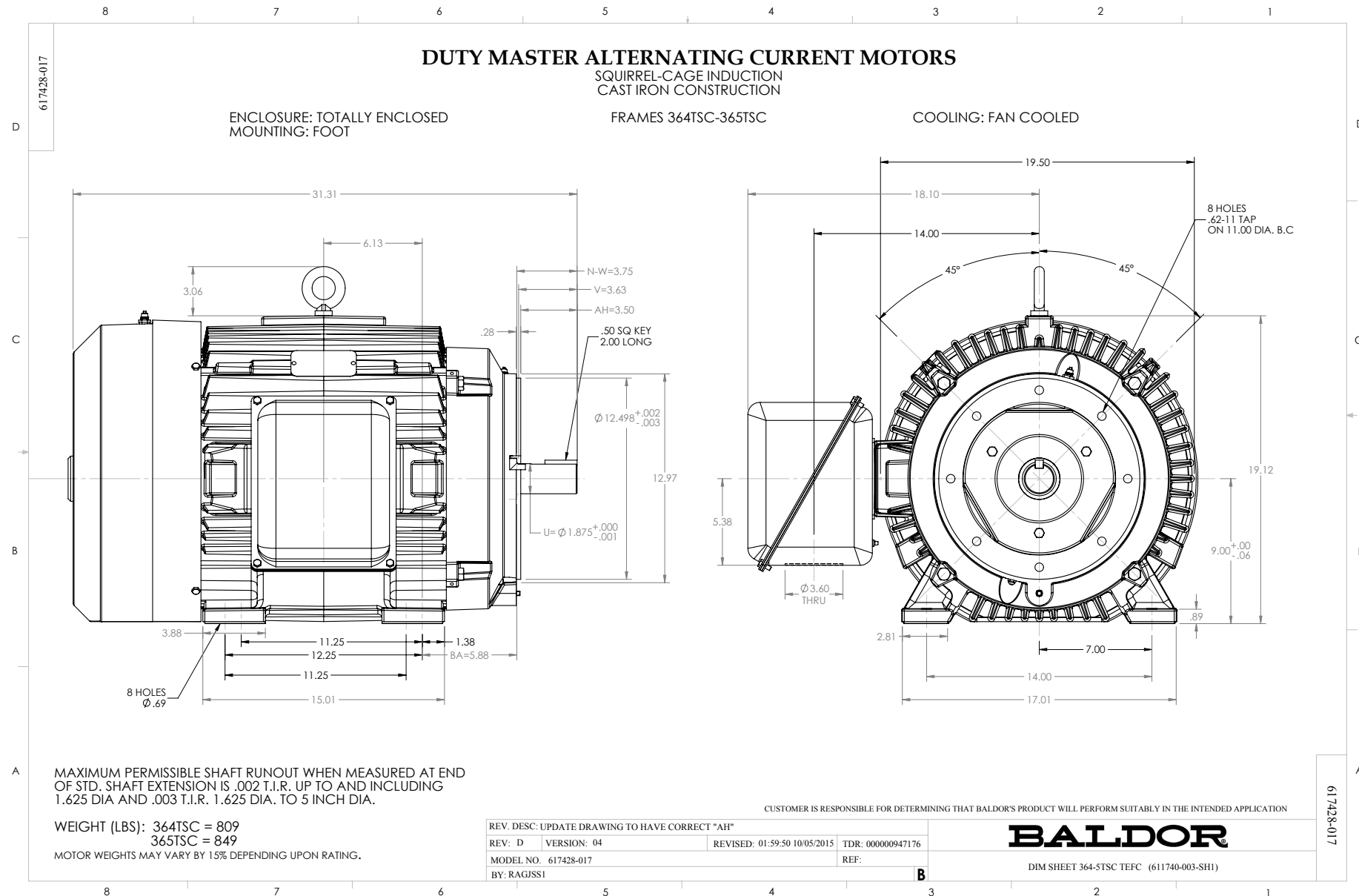
CAT.NO.	CEM4310T	SPEC NO.	P36G4676
HP	60	AMPS	135/67.3
FRAME	364TSC	RPM	3560
DRIVE END BEARING	65BC03J30X	HZ	60
OPP D.E. BEARING	65BC03J30X	AMB	40
SER.NO.		SF	1.15
		INSUL.CLASS	F
		PHASE	3
		DUTY	CONT
		TYPE	P
		ENCL	TEFC
		CODE	F
		POWER FACTOR	89
		NEMA-NOM-EFFICIENCY	93.6
		MAX CORR KVAR	08.7
		GUARANTEED EFFICIENCY	92.4
NEMA NOM/CSA QUOTED EFF		MOTOR WEIGHT	830

Parts List		
Part Number	Description	Quantity
SA214906	SA P36G4676	1.000 EA
RA202107	RA P36G4676	1.000 EA
421948032	LABEL, MYLAR	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
085922073B	BRKT 360 085922072WCC KB	1.000 EA
415072001B	CLAMP	1.000 EA
078559001A	+FANCV - 360	1.000 EA
034180012DA	KEY 1X4X1/4X1-1/2 L	1.000 EA
702675001C	FAN 360	1.000 EA
004824015A	GREASE POLYREX EM	0.540 LB
032018012DK	HHCS 1/2-13X1-1/2 PLTD.	4.000 EA
032018008AK	HHCS 1/4-20X1 PLATED	4.000 EA
032018024CK	HHCS 3/8-16X3 PLTD.	3.000 EA
415096002A	CPLG 1/8 HEX TYPE	1.000 EA
410700004F	WSHR	1.000 EA
035000001G	GREASE RELIEF FITTING, ALEMITE 317400	1.000 EA
034530052AB	P/NIP 1/8X6-1/2 GALV.	1.000 EA
034690001AB	SQHDPLG, COND	1.000 EA
034600001AA	BUSH 1/4TO1/8 BLACK	1.000 EA
034690001AB	SQHDPLG, COND	1.000 EA
034600001AA	BUSH 1/4TO1/8 BLACK	1.000 EA
085922070B	BRKT 360 085922069WCA	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
032018012DK	HHCS 1/2-13X1-1/2 PLTD.	4.000 EA
032018024CK	HHCS 3/8-16X3 PLTD.	3.000 EA
415045002E	SLGR	1.000 EA
035000001G	GREASE RELIEF FITTING, ALEMITE 317400	1.000 EA
077176000L	C/BOX, PAINTED 360-400	1.000 EA
077176001A	CBOXC, PAINTED 360-400	1.000 EA
043292000AJ	GASK 320-400	1.000 EA
402731001A	GASK 360-440	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
032018005AK	HHCS 1/4-20X5/8 PLATED	4.000 EA
032018008CK	HHCS 3/8-16X1L PLATED	4.000 EA
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
415000103D	T/LUG #4AWG-1/0AWG W/HOLE FOR .250 BOLT	1.000 EA
406099000A	PLUG - FAN COVER 320-440	1.000 EA
033512004LB	HHTTS 1/4-20X1/2 PLTD.	1.000 EA
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
418150003A	GREASE FITTING CAP	1.000 EA
034180016GA	KEY 1/2X1/2X2 L	1.000 EA
14PA1000	PACKAGING 314 GROUP COMBINED PRINT	1.000 EA

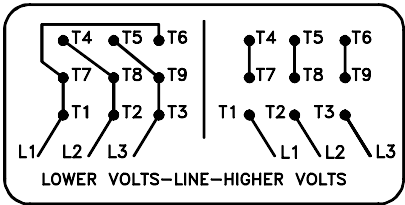
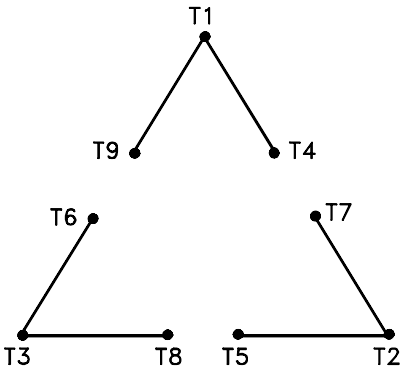


REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	364T	60	P	3/60	3560	230/460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
135/67.3	CONT	40/F	1.15	B	F	FCXE
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
491520	418141008AE	---	---	.0261/.104		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	20.6	3600	8.44	0	
1/4	15.0	26.5	3590	60.0	88.3	
2/4	30.0	38.1	3581	79.6	92.7	
3/4	45.0	52.0	3572	86.4	93.7	
4/4	60.0	67.3	3561	89.0	93.8	
5/4	75.0	83.8	3550	89.7	93.4	
SPEED TORQUE						
	RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES		
LOCKED ROTOR	0	190	168	415		
PULL UP	180	159	140	405		
BREAKDOWN	3411	241	213	222		
FULL LOAD	3561	100	88.5	67.3		
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 - 93.6 PCT NOMINAL EFFICIENCY						
BALDOR A MEMBER OF THE ABB GROUP		DR. BY W. L. SMITH CK. BY J. J. HARRISON APP. BY W. L. SMITH DATE 08/19/10		A-C MOTOR PERFORMANCE DATA A36WG1724-R001 ISSUE DATE 08/19/10		



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			BALDOR	
REV. LTR: -	VERSION: 00	TDR: 000000538207		
FILE: \MGA\00000\661		REVISED: 10: 47: 51 04/30/2010	CONN DIAG - STANDARD 9 LEAD, DELTA-CONNECTED	
MTL: -		BY: RAGRA	SH 1 of 1	