

BALDOR® • RELIANCE

Product Information Packet

ECR9754T

75HP,1780RPM,3PH,60HZ,365T,A3668M,TEFC,F

Part Detail							
Revision:	F	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	A3668M	Elec. Spec:	A36WG3908	CD Diagram:	416820-002
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:		Layout:	617428-034
Frame:	365T	Mounting:	F1	Poles:	04	Created Date:	02-03-2015
Base:		Rotation:	R	Insulation:	F	Eff. Date:	06-08-2016
Leads:	3#2,6#4					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate 000613007PV

CAT NO	ECR9754T	SPEC NO.	P36G3504	DESIGN	A	INSUL.CLASS	F
HP	75	AMPS	175/87.5	VOLTS	230/460	SF	1.25
RPM	1780	RPM MAX	3600	HZ	60	AMB	40
D.E. BRG.DATA	6313	O.D.E. BRG.DATA	6313	PH	3	DUTY	CONT
FRAME	365T	I.P.	55	TYPE	P	ENCL	TEFC
POWER FACTOR	84	3/4 LOAD EFF.	95.7	CODE	H	NEMA NOM EFFICIENCY	95.4
CHP HZ	60-90	CT HZ	10-60	VT HZ	6-60		
SER.NO.		MOTOR WEIGHT	962				
	1.25SF AMPS= 200/100						

Nameplate NP2496L

MOBIL POLYREX EM

Parts List		
Part Number	Description	Quantity
SA293590	SA P36G3504	1.000 EA
RA279683	RA P36G3504	1.000 EA
000613007PV	SS NP, CRUSHER DUTY, EMBOSSED,MAIN MOTOR	1.000 EA
000692000VD	LABEL WARNING	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
078559034A	+F/C A 078559001A - 360	1.000 EA
085922073B	BRKT 360 085922072WCC KB	1.000 EA
410700004F	WSHR	1.000 EA
415045002E	SLGR	1.000 EA
415072001B	CLAMP	1.000 EA
415096002A	CPLG 1/8 HEX TYPE	1.000 EA
412118006A	DRAIN	1.000 EA
702676001C	FAN 360 - 56 PCS	1.000 EA
032018012DK	HHCS 1/2-13X1-1/2 PLTD.	4.000 EA
032018024CK	HHCS 3/8-16X3 PLTD.	3.000 EA
034530020AB	P/NIP 1/8X2-1/2 PLTD	1.000 EA
085922073B	BRKT 360 085922072WCC KB	1.000 EA
415045002E	SLGR	1.000 EA
415096002A	CPLG 1/8 HEX TYPE	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
412118006A	DRAIN	1.000 EA
032018010CK	HHCS 3/8-16X1-1/4 PLTD.	4.000 EA
033512008LB	HHTTS 1/4-20X1 PLATED	4.000 EA
034000014AB	WSH ID.406 OD.812 TH.065	4.000 EA
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
035000001A	ALFTG 1/8" 1610-BL	1.000 EA
065776000C	TERBD 320-400	1.000 EA
067053000B	GASK 320-400	1.000 EA
076708000BB	C/B - 360	1.000 EA
076709000A	C/B - 360	1.000 EA
406099000A	PLUG - FAN COVER 320-440	1.000 EA
415000103H	TERMINAL LUG	1.000 EA
418150003A	GREASE FITTING CAP	1.000 EA
418150003A	GREASE FITTING CAP	1.000 EA
033775004EA	DRSCR #6-1/4 304 S.S.	4.000 EA
034180034HA	KEY 5/8X5/8X4-1/4 L	1.000 EA
MG1025G96	WILKOFASG SG, 779.7048, MOUSE GRAY #7048	0.250 GA
421948032	LABEL, MYLAR	1.000 EA
000613006PU	N/P (RELEASE QTY 10,000) UL CSA LABLE	1.000 EA
NP2496L	MOTOR LUBE NAMEPLATE	1.000 EA
14PA1000	PACKAGING 314 GROUP COMBINED PRINT	1.000 EA
034530032BB	P/NIP 1/4X4" SCHED 40	1.000 EA
034631002AB	BUSH 1/4 TO 1/8 PLTD.	1.000 EA
035000001G	GREASE RELIEF FITTING, ALEMITE 317400	1.000 EA

034530020BB	P/NIP 1/4X2-1/2 PLATED	1.000 EA
034631002AB	BUSH 1/4 TO 1/8 PLTD.	1.000 EA
035000001G	GREASE RELIEF FITTING, ALEMITE 317400	1.000 EA
032018005DL	1/2-13 X 5/8 SILICON BRONZE HHCS	1.000 EA

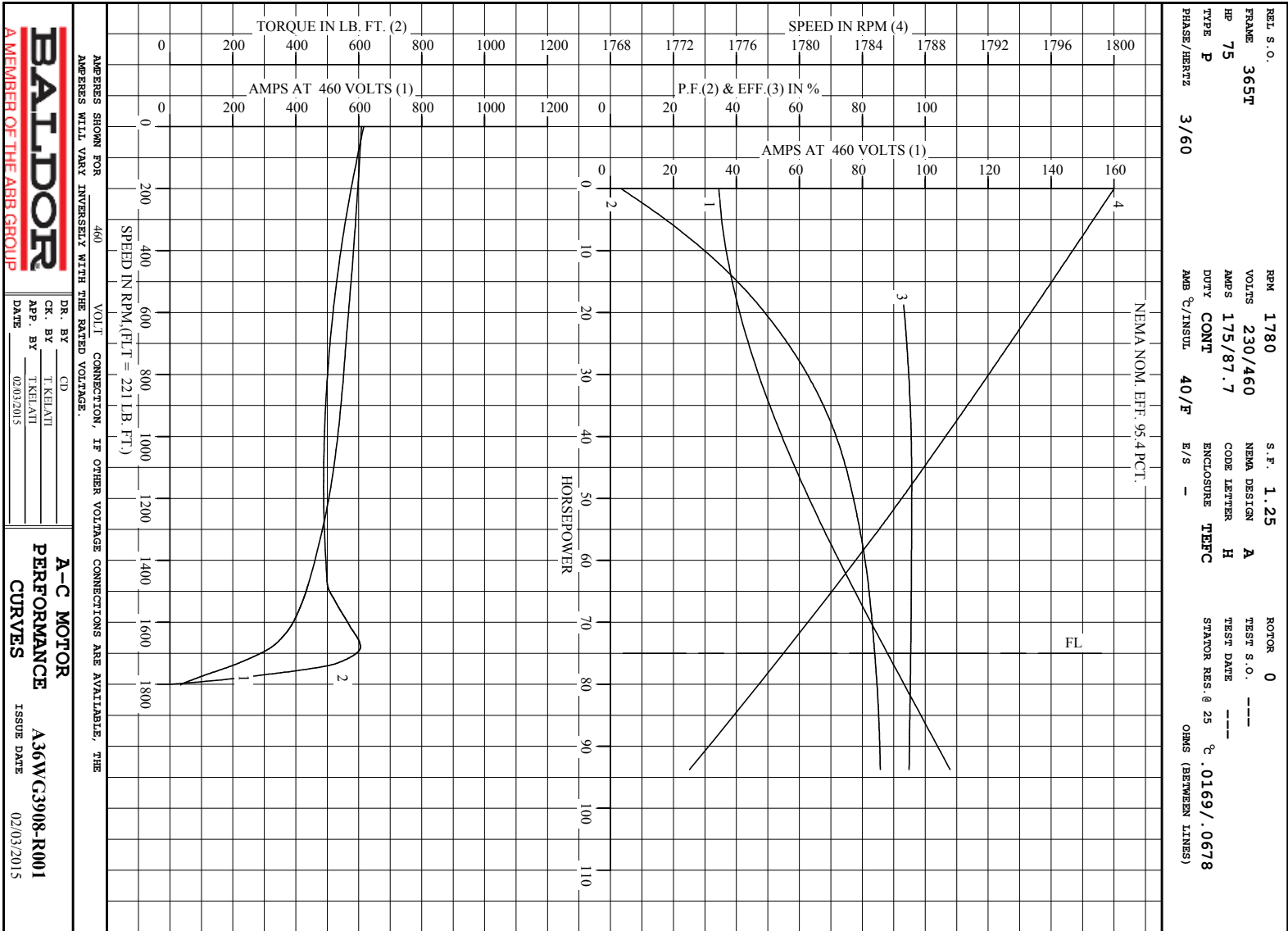
REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	365T	75	P	3/60	1780	230/460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
175/87.7	CONT	40/F	1.25	A	H	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
-	0	---	---	.0169/.0678		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	POWER FACTOR	% EFFICIENCY	
NO LOAD	0	34.5	1800	3.32	0	
1/4	18.8	40.1	1795	47.0	93.2	
2/4	37.5	52.7	1790	69.8	95.4	
3/4	56.2	69.1	1785	79.6	95.7	
4/4	75.0	87.7	1779	84.0	95.4	
5/4	93.8	108	1773	85.7	94.8	
SPEED TORQUE						
	RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES		
LOCKED ROTOR	0	278	616	608		
PULL UP	1167	220	488	510		
BREAKDOWN	1680	273	605	323		
FULL LOAD	1779	100	221	87.7		

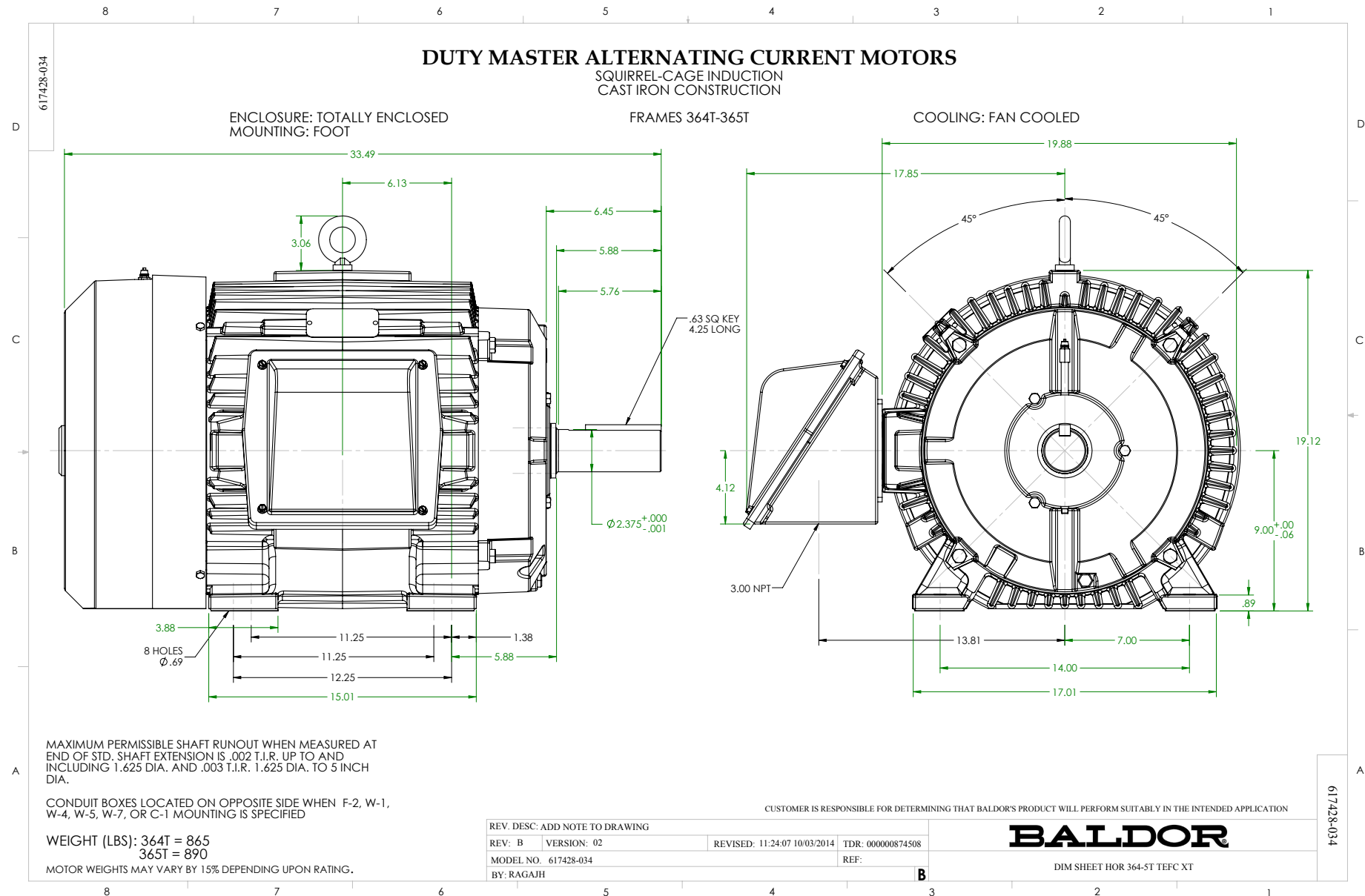
AMPERES SHOWN FOR 460. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE

REMARKS: NEMA NOM. EFF. 95.4 PCT.

BALDOR A MEMBER OF THE ABB GROUP	DR. BY	CD	A-C MOTOR PERFORMANCE DATA	A36WG3908-R001 ISSUE DATE 02/03/20
	CK. BY	T. RELAY		
	AP. BY	T. RELAY		
	DATE	02/03/2015		

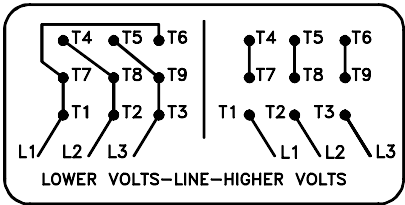
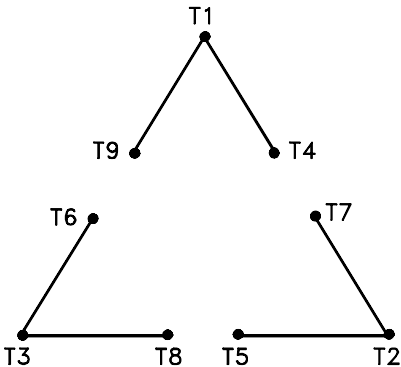
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416820-002

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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