

BALDOR® • **RELIANCE**

Product Information Packet

ECP4308T-4

40HP, 1190RPM, 3PH, 60HZ, 364T, A36062M, TEFC

Part Detail							
Revision:	K	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	A36062M	Elec. Spec:	A36WG0043	CD Diagram:	416820-036
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:		Layout:	617428-034
Frame:	364T	Mounting:	F1	Poles:	06	Created Date:	10-19-2010
Base:		Rotation:	R	Insulation:	F	Eff. Date:	08-20-2015
Leads:	3#4					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP3238									
CAT NO	ECP4308T-4	SPEC NO.	P36G466						
HP	40	AMPS	49.4	VOLTS	460	DESIGN	B		
FRAME	364T	RPM	1190	HZ	60	AMB	40	SF	1.15
D.E. BRG.DATA	6313	O.D.E. BRG.DATA	6313	PH	3	DUTY	CONT	INSUL.CLASS	F
D.E. BRG.	65BC03J30X	TYPE	P	ENCL	TEFC	CODE	G		
O.D.E. BRG.	65BC03J30X	POWER FACTOR	80	NEMA NOM EFFICIENCY	94.1				
3/4 LOAD EFF.	94.3	MAX CORR KVAR	12.0	GUARANTEED EFFICIENCY	93.6				
TEMP CODE	T3A	TEMP =	180						
CHP HZ	60-90	CT HZ	6-60	VT HZ	0-60				
INVERTER-TEMP-CODE	T3A								
SER.NO.		MOTOR WEIGHT	889						

Parts List		
Part Number	Description	Quantity
SA209118	SA P36G466	1.000 EA
RA196381	RA P36G466	1.000 EA
NP3238	SS CP XEX SEVERE DUTY MAIN NP	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
078550001M	FAN KB 60/30 (30) 360	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
418151057A	PLASTIC DRAIN,ODE BRKT	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
085922073A	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
418151057A	PLASTIC DRAIN,ODE BRKT	1.000 EA
032018010CK	HHCS 3/8-16X1-1/4 PLTD.	4.000 EA
033512004LB	HHTTS 1/4-20X1/2 PLTD.	1.000 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
415000103D	T/LUG #4AWG-1/0AWG W/HOLE FOR .250 BOLT	1.000 EA
418150003A	GREASE FITTING CAP	1.000 EA
033775004EA	DRSCR #6-1/4 304 S.S.	4.000 EA
418150003A	GREASE FITTING CAP	1.000 EA
034180034HA	KEY 5/8X5/8X4-1/4 L	1.000 EA
004824003AJD	WILKO 778.50 BLUE GREEN - 55 GAL DRUMS	0.250 GA
004824003CBY	WILKO PAINT 060.02 - ACTIVATOR	0.063 GA
421948051	LABEL, MYLAR	1.000 EA
14PA1000	PACKAGING 314 GROUP COMBINED PRINT	1.000 EA
LB1449	DIV-2/NEC WARNING LABEL	1.000 EA
000613006PU	N/P UL CSA LABEL	1.000 EA
034530032BB	P/NIP 1/4X4" SCHED 40	1.000 EA

Product Information Packet: ECP4308T-4 - 40HP,1190RPM,3PH,60HZ,364T,A36062M,TEFC

034631002AB	BUSH 1/4 TO 1/8 PLTD.	1.000 EA
035000001G	GREASE RELIEF FITTING, ALEMITE 317400	1.000 EA
034631002AB	BUSH 1/4 TO 1/8 PLTD.	1.000 EA
034530020BB	P/NIP 1/4X2-1/2 PLATED	1.000 EA
035000001G	GREASE RELIEF FITTING, ALEMITE 317400	1.000 EA

Accessories		
Part Number	Description	Multiplier
K36G2	C-FACE KIT	A8

REL. S.O.	FRAME	HP	TYPE	PHASE/HERTZ	RPM	VOLTS
	364T	40	P	3/60	1190	460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
49.4	CONT	40/F	1.15	B	G	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C (OHMS (BETWEEN LINES))		
491377	418141-74EE	---	---	.152		

PERFORMANCE

LOAD	HP	AMPERES	RPM	POWER FACTOR %	EFFICIENCY %
NO LOAD	0	17.7	1200	5.41	0
1/4	10.0	21.6	1197	48.3	90.0
2/4	20.0	29.0	1194	69.0	93.6
3/4	30.0	38.6	1191	77.2	94.3
4/4	40.0	49.4	1188	80.5	94.2
5/4	50.0	61.0	1184	81.9	93.7

SPEED TORQUE

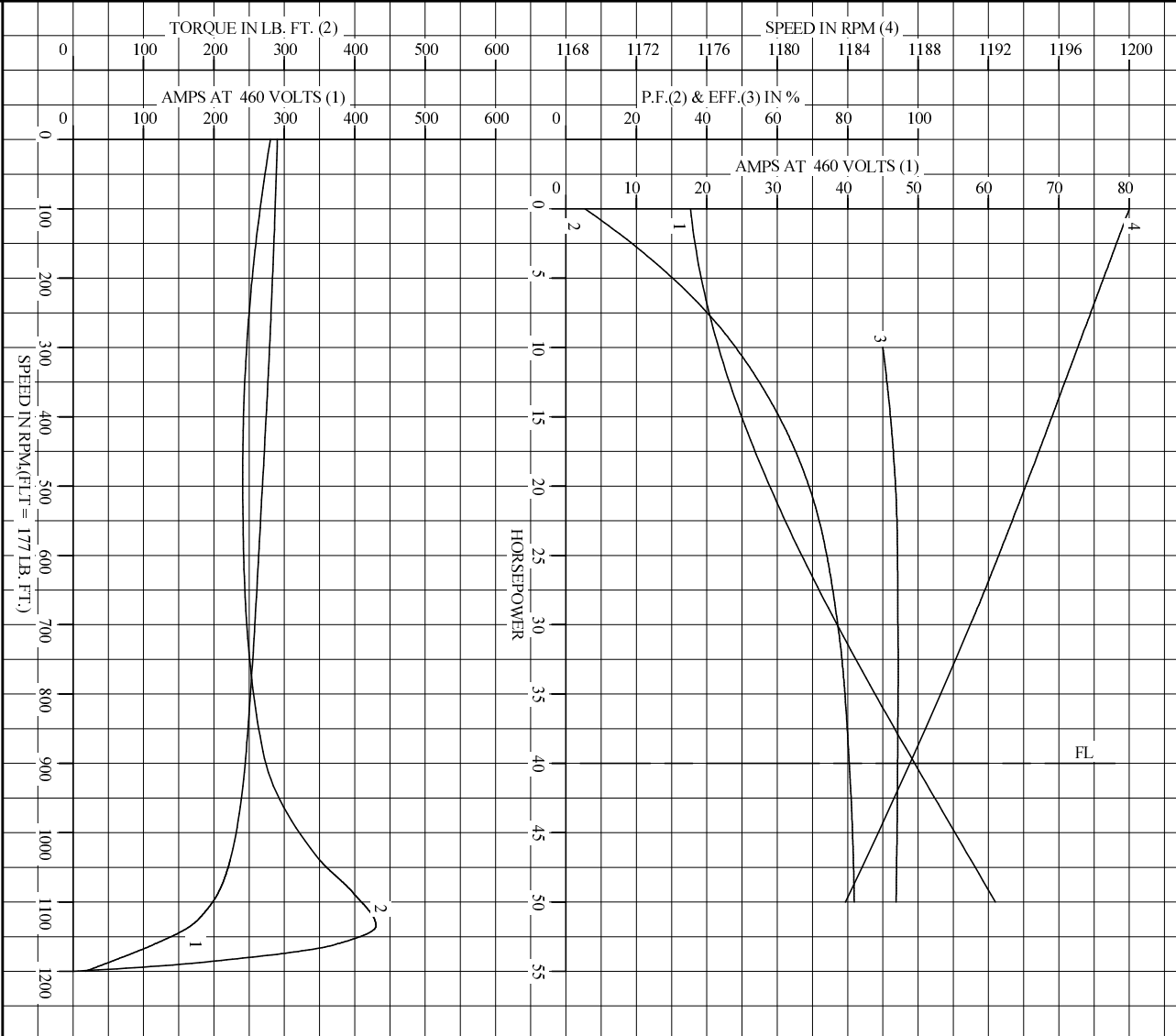
	RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES
LOCKED ROTOR	0	158	280	290
PULL UP	480	136	241	270
BREAKDOWN	1135	243	430	167
FULL LOAD	1188	100	177	49.4

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

BALDOR	DR. BY W. L. SMITH	A-C MOTOR PERFORMANCE DATA
	CK. BY J. J. HARRISON APP. BY W. L. SMITH DATE 12/07/05	

A36WG0043-R001
ISSUE DATE 12/15/10

REL. S.O. _____ RPM 1190 S.F. 1.15 ROTOR 418141-7AEE
 FRAME 364T VOLTS 460 NEMA DESIGN B TEST S.O. TYPICAL DATA
 HP 40 AMPS 49.4 CODE LETTER G TEST DATE ---
 TYPE P DUTY CONT ENCLOSURE TEFC STATOR RES. @ 25 °C .152
 PHASE/HERTZ 3/60 AMB °C/INSUL 40/F E/S 491377 OHMS (BETWEEN LINES)



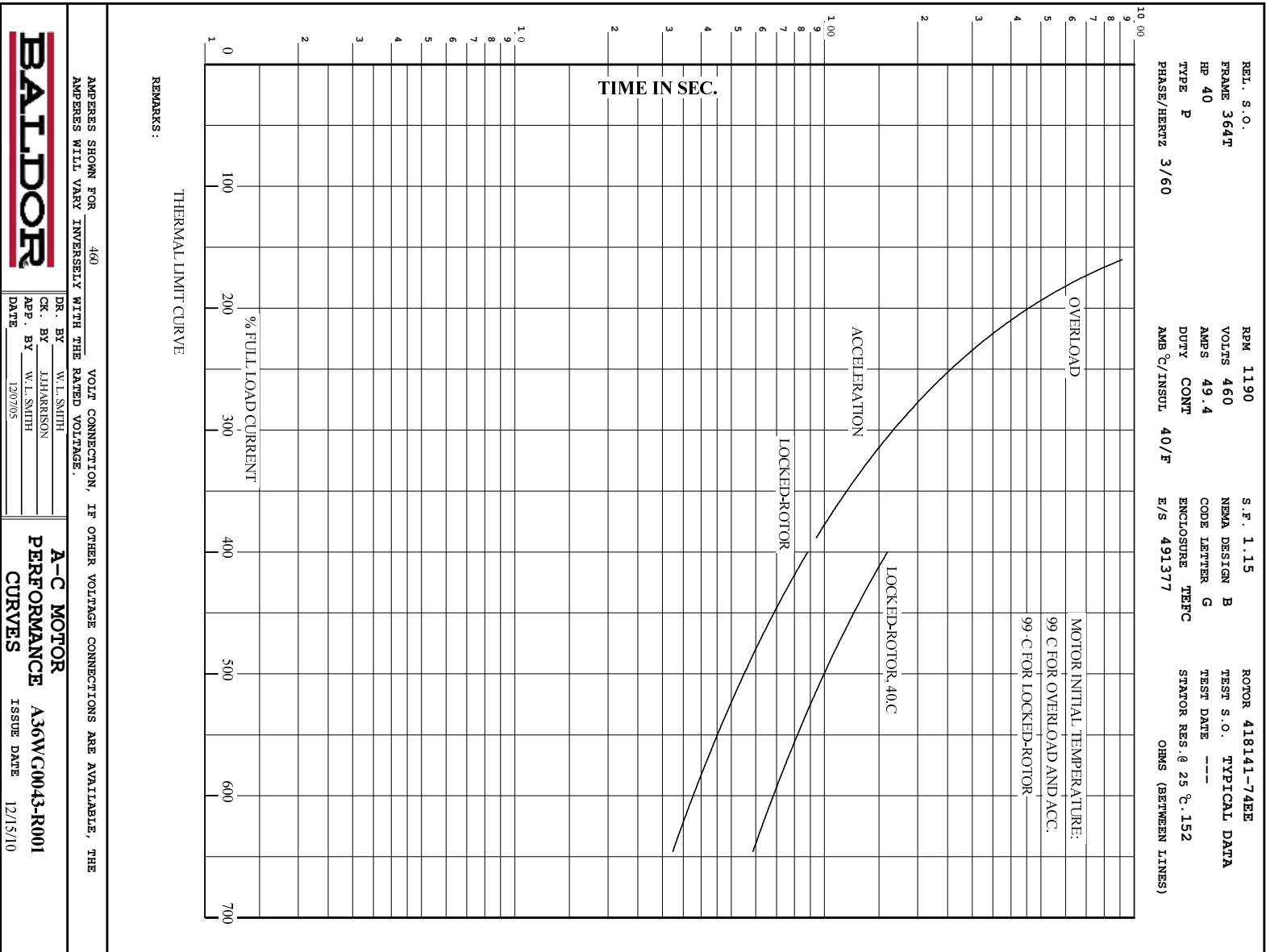
AMPERES SHOWN FOR 460 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.

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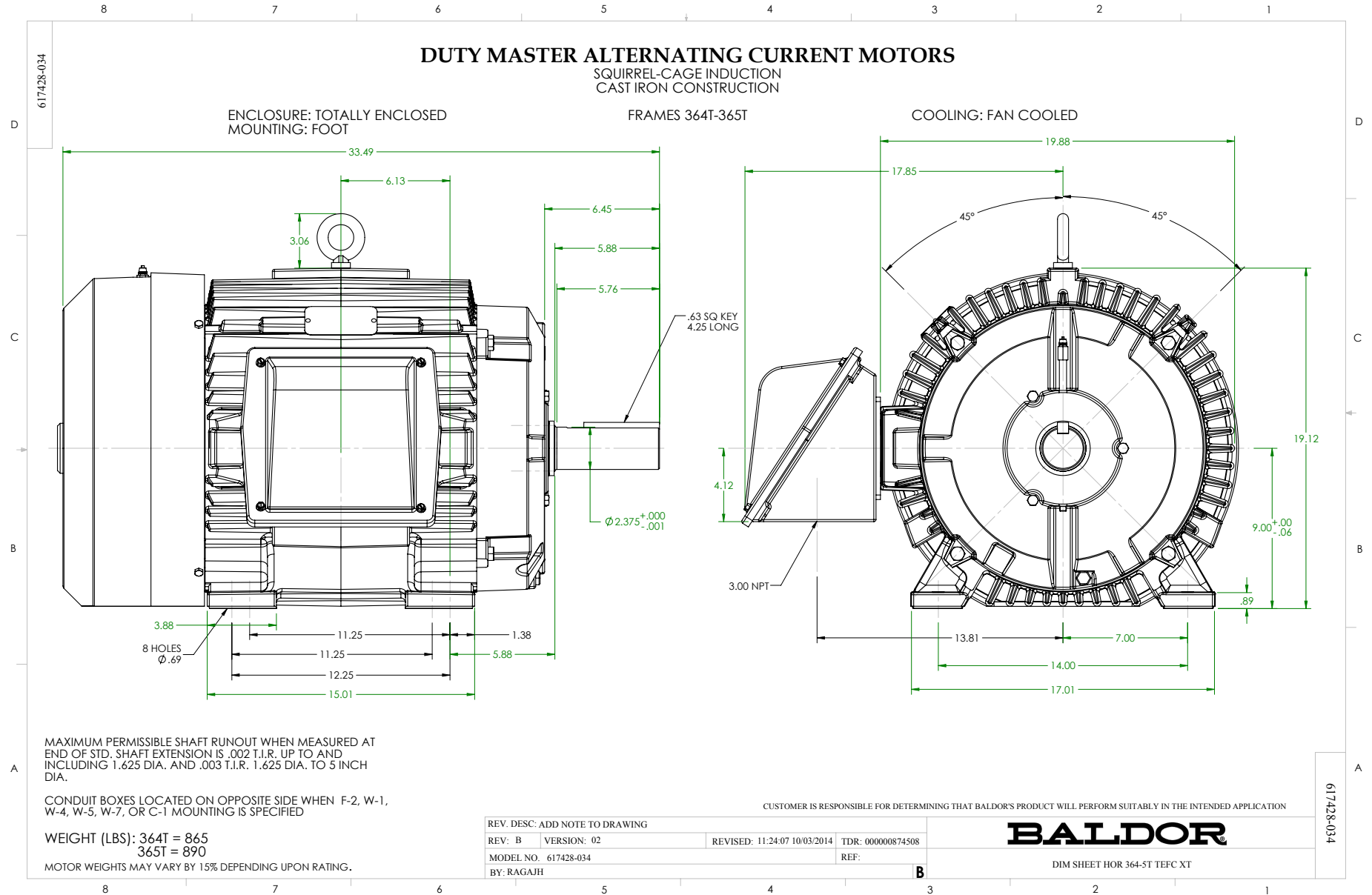
DR. BY W.L. SMITH
 CK. BY J.H. HARRISON
 APP. BY W.L. SMITH
 DATE 12/07/05

A-C MOTOR PERFORMANCE CURVES A36WG0043-R001
 ISSUE DATE 12/15/10

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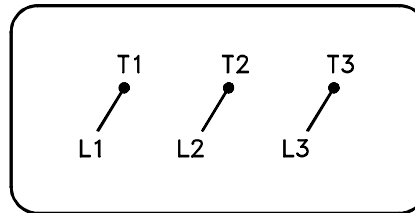


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416820-036

A-C MOTOR
 CONNECTION DIAGRAM
 STANDARD 3 LEAD CONNECTED



(N.P. 1575-BA)

416820-036

REV. DESC: LOADED TO BUS, C/R 335225		
REV. LTR: -	VERSION: 00	TDR: 000000538207
FILE: \MGA\00000\682	REVISED: 11:54:06 04/30/2010	
MTL: -	BY: RAGRA	

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CONN DIAG - STANDARD 3 LEAD

SH 1 of 1

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