

BALDOR® • RELIANCE

Product Information Packet

ECP84313T-4

75HP,3555RPM,3PH,60HZ,365TS,TEFC,FOOT

Part Detail							
Revision:	S	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	A36068M	Elec. Spec:	A36WG0179	CD Diagram:	416820-036
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:		Layout:	617428-001
Frame:	365TS	Mounting:	F1	Poles:	02	Created Date:	10-19-2010
Base:		Rotation:	RS	Insulation:	F	Eff. Date:	05-23-2016
Leads:	3#2					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate 000613007EX			
CAT NO	ECP84313T-4	SPEC NO.	P36G5233
NO. ROTOR BARS	38	GREASE TYPE	POLYREX EM
NO. SLOTS	48	NL AMPS AT RATED VOLTAGE	15.6
5 YEAR WARRANTY		WINDING RES @25 C	.07452
MFG. DATE		SER.NO	

Nameplate NP3237

CAT NO	ECP84313T-4	SPEC NO.	P36G5233		
HP	75	AMPS	80.7	VOLTS	460
FRAME SIZE	365TS	RPM	3555	HZ	60
D.E. BRG.DATA	6313	O.D.E. BRG.DATA	6313	PH	3
D.E. BRG.	65BC03J30X	TYPE	P	ENCL	TEFC
O.D.E. BRG.	65BC03J30X	POWER FACTOR	92	CODE	F
3/4 LOAD EFF.	95.4	IP	56	MAX CORR KVAR	5
TEMP CODE	T3	TEMP	= 200		
CHP HZ	60-75	CT HZ	15-60	VT HZ	0-60
INVERTER-TEMP-CODE	T3				
SER.NO.		MOTOR WEIGHT	976		
		DESIGN	B		
		SF	1.15	DUTY	CONT
				INSUL.CLASS	F
				NEMA-NOM-EFFICIENCY	94.5
				GUARANTEED EFFICIENCY	93.6

Parts List		
Part Number	Description	Quantity
SA206506	SA P36G5233	1.000 EA
RA193773	RA P36G5233	1.000 EA
000613007EX	SS IEEE 841 EMBOSSED AUXILIARY NAMEPLATE	1.000 EA
000692000JP	N/P	1.000 EA
000692000VD	LABEL WARNING	1.000 EA
000692000VH	N/P	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
034530032BB	P/NIP 1/4X4" SCHED 40	1.000 EA
034530052AB	P/NIP 1/8X6-1/2 GALV.	1.000 EA
034600001AA	BUSH 1/4TO1/8 BLACK	1.000 EA
034630002AB	CPLG 1/4" PLATED	1.000 EA
085922083BH	BRKT 360 085922072WCC KB	1.000 EA
412118006A	DRAIN	1.000 EA
415028008E	INPRO SEAL - 360	1.000 EA
415096002A	CPLG 1/8 HEX TYPE	1.000 EA
423709011C	WASHER	3.000 EA
078559034A	+F/C A 078559001A - 360	1.000 EA
410700004F	WSHR	1.000 EA
415072001B	CLAMP	1.000 EA
702675001C	FAN 360	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
034530020BB	P/NIP 1/4X2-1/2 PLATED	1.000 EA
034530032AB	P/NIP 1/8X4 PLATED	1.000 EA
034600001AA	BUSH 1/4TO1/8 BLACK	1.000 EA
034630002AB	CPLG 1/4" PLATED	1.000 EA
035000001G	GREASE RELIEF FITTING, ALEMITE 317400	1.000 EA
085922083BH	BRKT 360 085922072WCC KB	1.000 EA
412118006A	DRAIN	1.000 EA
415028008E	INPRO SEAL - 360	1.000 EA
415096002A	CPLG 1/8 HEX TYPE	1.000 EA
423709011C	WASHER	3.000 EA
035000001G	GREASE RELIEF FITTING, ALEMITE 317400	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
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
415039016A	TERBD, 360-400	1.000 EA

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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
034180016GA	KEY 1/2X1/2X2 L	1.000 EA
MG1025N19	WILKO 778.50 BLUE GREEN - 55 GAL DRUMS	0.250 GA
004824003CBY	WILKO PAINT 060.02 - ACTIVATOR	0.063 GA
482403003BEF	RUST VETO 342	0.013 GA
MG1500G03-5	LACQUER PRIMER, GRAY	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
NP3237	SS SUPER E INVERTER DUTY IEEE 841	1.000 EA
000613006PU	N/P (RELEASE QTY 10,000) UL CSA LABLE	1.000 EA
032018005DL	1/2-13 X 5/8 SILICON BRONZE HHCS	1.000 EA

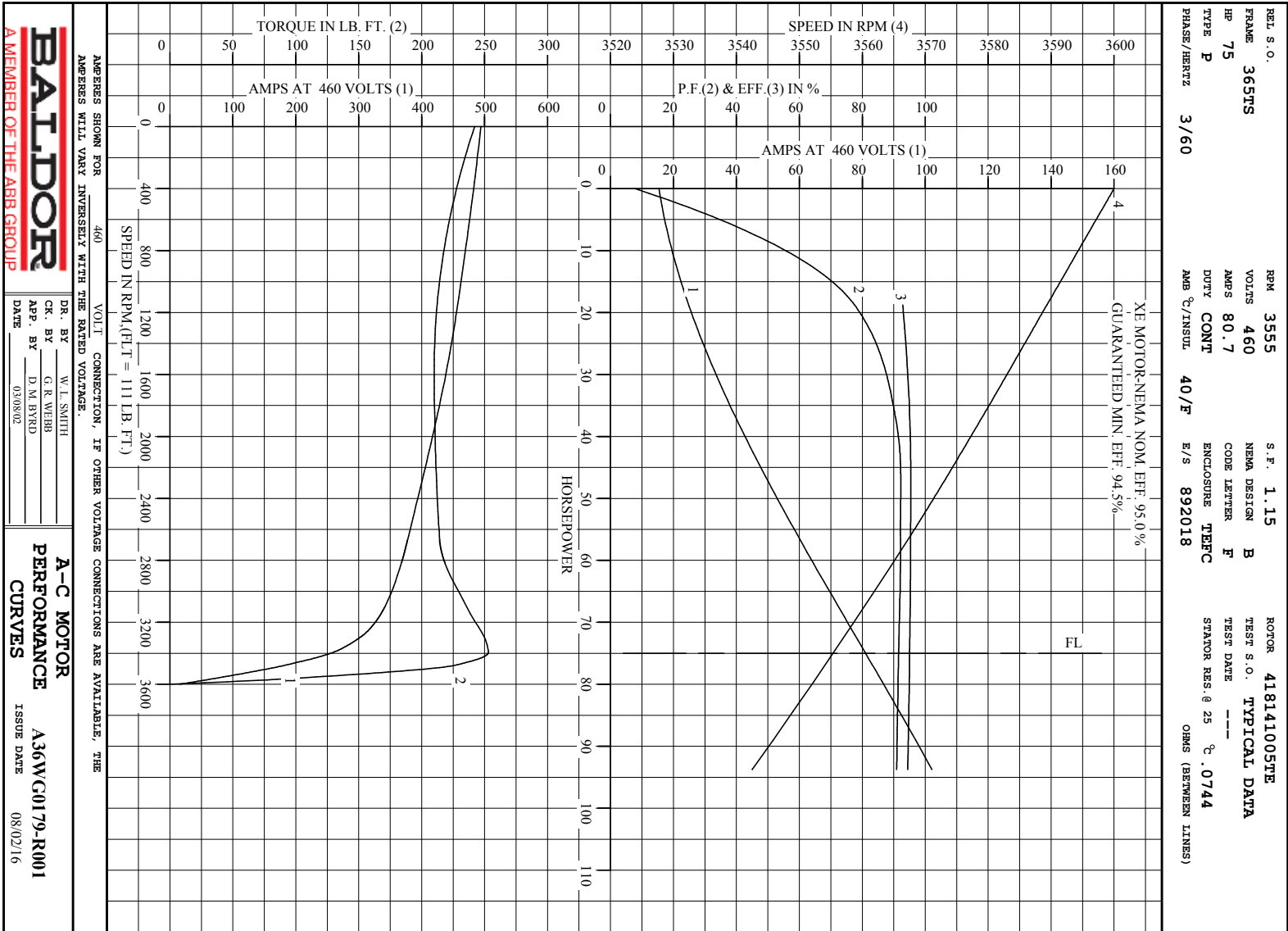
REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	365TS	75	P	3/60	3555	460
AMPS	DUTY	AMB ^{°C} / INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
80.7	CONT	40/F	1.15	B	F	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 ^{°C} OHMS (BETWEEN LINES)		
892018	418141005TE	---	---	.0744		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	POWER FACTOR	% EFFICIENCY	
NO LOAD	0	15.5	3600	7.78	0	
1/4	18.8	24.4	3589	77.5	92.8	
2/4	37.6	40.7	3579	90.8	95.1	
3/4	56.2	59.9	3568	92.1	95.4	
4/4	75.0	80.7	3556	91.5	95.0	
5/4	93.8	102	3543	90.9	94.4	
SPEED TORQUE						
	RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES		
LOCKED ROTOR	0	218	242	494		
PULL UP	1565	190	210	440		
BREAKDOWN	3395	228	253	259		
FULL LOAD	3556	100	111	80.7		

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

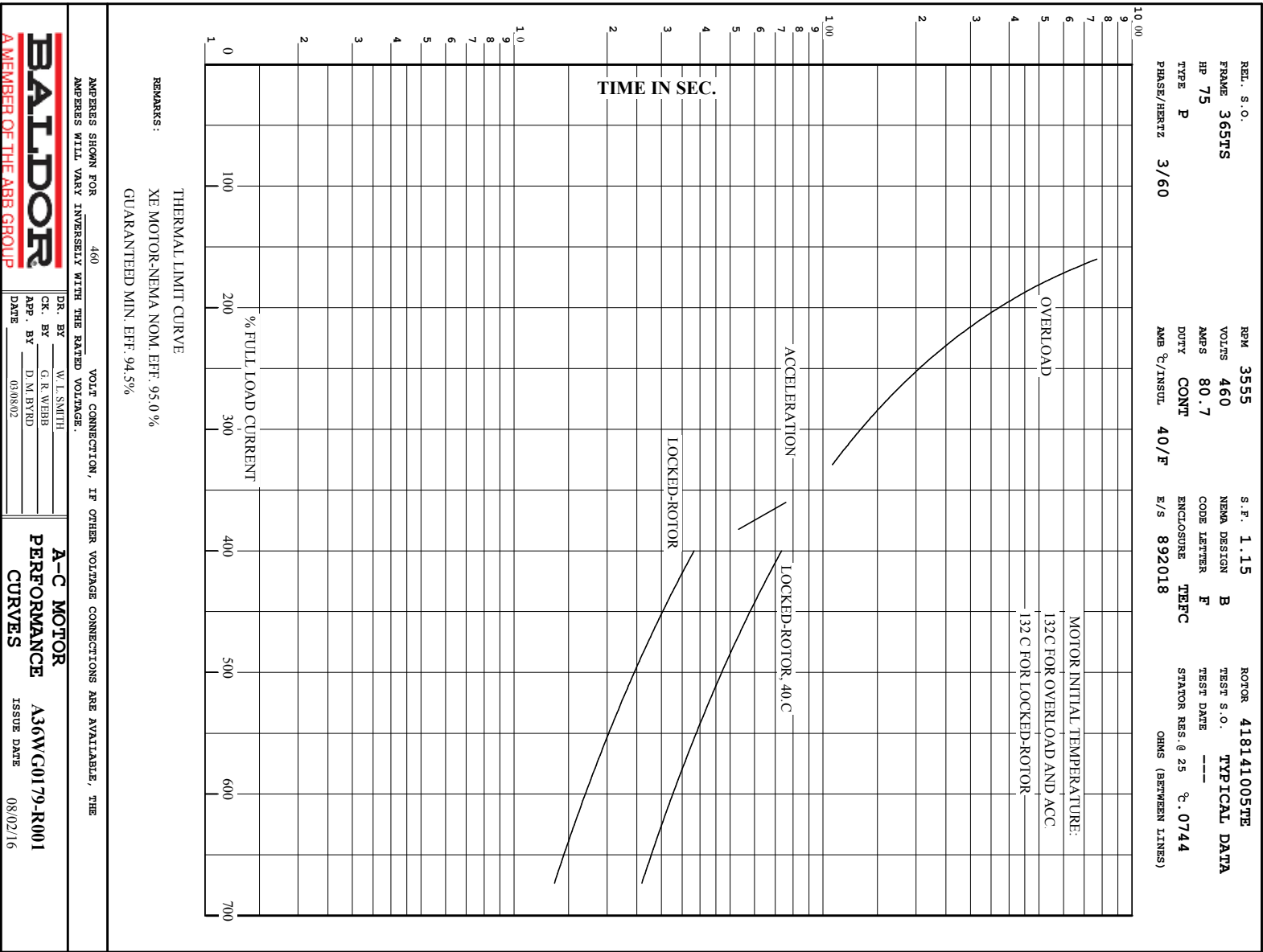
REMARKS: TYPICAL DATA
XE MOTOR-NEMA NOM. EFF. 95.0 %
GUARANTEED MIN. EFF. 94.5%

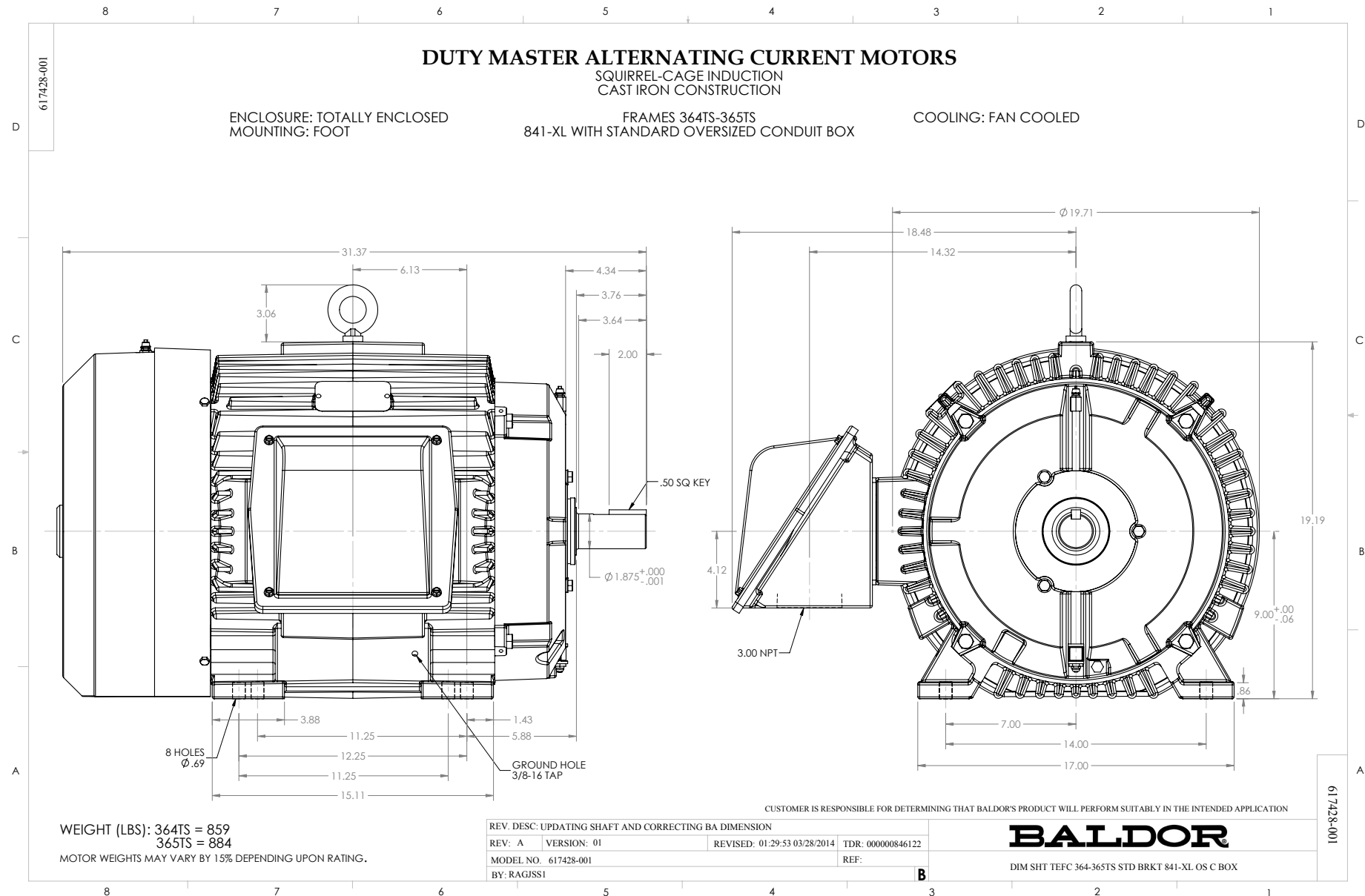
DR. BY CK. BY APP. BY DATE	W. I. SMITH G. R. WEBB D. M. BYRD 02/08/02	A-C MOTOR PERFORMANCE DATA A36WG0179-R001 ISSUE DATE 08/02/16
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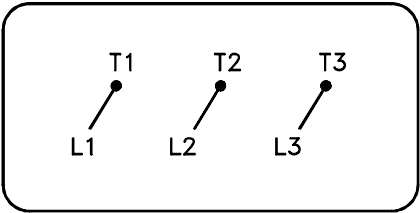
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416820-036

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

BALDOR

CONN DIAG - STANDARD 3 LEAD
SH 1 of 1

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