

BALDOR® • RELIANCE

Product Information Packet

GP232004

.17HP,1870RPM,DC,DA-0,2308P,TENV,GM

Part Detail							
Revision:	AL	Status:	PRD/A	Change #:		Proprietary:	No
Type:	DC	Prod. Type:		Elec. Spec:	23WGZ001	CD Diagram:	CD1899
Enclosure:	TENV	Mfg Plant:		Mech. Spec:		Layout:	23A005Z001G1
Frame:	DA	Mounting:		Poles:	///	Created Date:	
Base:		Rotation:	R	Insulation:	F	Eff. Date:	09-21-2016
Field Type:		Literature:		Elec. Diagram:		Replaced By:	

Nameplate NP1220A08

CAT.NO.	GP232004		
SER.NO			
SPEC.	23A005Z001G1		
FRAME	DA	TYPE	2308P
HP	1/66	TE	
VOLTS	90DC		
AMP	.18		
F.F.	1.30	CLASS	F
AMB.	40	DUTY	CONT
BRUSHES	2/BP5060DA02		
R.P.M.	1.7		
TORQ/IN LB	75		
RATIO	1100:1		
APRV-CE		APRV-CUL	

Parts List		
Part Number	Description	Quantity
SA048840	SA 23A005Z001G1	1.000 EA
AA005473	AA 23A005Z001G1	1.000 EA
SR000233	SR 23A005Z001G1	1.000 EA
WR000065	WR 23A005Z001G1	1.000 EA
LC0899A06	CONNECTION LABEL, DCPM NO ROTATION CE CO	1.000 EA
BP5060DA02	CARBON BRUSH-1/8X3/16 FOR MODEL 23 P130	2.000 EA
23EP3101A02L	EP,23DC DE CL 6200 RA 2.375	1.000 EA
HW3022A04	PIN,ROLL 1/16" X 3/8" BMH1433	1.000 EA
HW5002A45	RETAINING RING,WALDES TRUARC N5002-118	1.000 EA
HW4600D28-01	SEAL WITHOUT SPRING	1.000 EA
23BA4001E	BASE,23 FRAME, ECOATED CLOW	1.000 EA
96XN1032A05	10-32X5/16 FLAT HD PHLPS DRV	2.000 EA
23EP3108A01L	EP,23DC ODE CL 0.63 P4	1.000 EA
WD4102A01	SR-6L-1 HEYCO STRN RELIEF OR 23MPO6L10 M	1.000 EA
HW5109A06	WASHER, WAVE SPRING FOR 22MM BORE SMALLE	1.000 EA
55XT0632G03	6-32 X 0.187 RD HD PHILLIPS, SERRATED	1.000 EA
HA3170A09	THRUBOLT,FLAT HD. #8-32 THDS X 4.187 LON	2.000 EA
HG0058A02L	HSG,DA EX OPEN OUTPUT NO FEET HOLES	1.000 EA
19XN1032A09	SCREW, HEX WASHER HEAD, #10-32 X .563 W/	4.000 EA
RM1057	RUBBER SQUARE RING 1.424 I.D.	1.000 EA
HA4021A05	1/16 NPSF-HX SOC PIPE PLUG TAPER DRY SEA	1.000 EA
HW4600C29	SEAL, TCM #0507416 SCW .50X.75X.165 RB	1.000 EA
BH1104	PAPZ0808-P14 SLEEVE BRG	2.000 EA
HA1194B02	BLADDER,BDE EXPANSION	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
15XM0632A06	SCREW, 6-32X .375, THREAD FORMING	3.000 EA
BCG1123-005L	BS,D OP BUSHING	1.000 EA
BH1104	PAPZ0808-P14 SLEEVE BRG	1.000 EA
BH1104	PAPZ0808-P14 SLEEVE BRG	1.000 EA
HA4032A01	STEEL CAP,.750"OD(HERSHEYWAS BSE1567	1.000 EA
HW1034A02	WASHER,BUNA N 3/4"X9/16"X1/32"STD WASHER	1.000 EA
RM1020A51	O-RING -030 BUNA N70 COMPOUND	1.000 EA
15XM0632A06	SCREW, 6-32X .375, THREAD FORMING	3.000 EA
MJ1000C13	SYN-TECH GREASE NS-3614-G	0.030 LB
BCG1123-005L	BS,D OP BUSHING	1.000 EA
HW4600C29	SEAL, TCM #0507416 SCW .50X.75X.165 RB	1.000 EA
RM1020A51	O-RING -030 BUNA N70 COMPOUND	1.000 EA
15XM0632A06	SCREW, 6-32X .375, THREAD FORMING	3.000 EA
LD0110A29	ASM,CABLE 40 18-3 BRN,BLU,G/Y (4) 23F	1.000 EA
BP4515SP	BRUSH CAP	1.000 EA
BP4517	BRUSH TUBE ASM,	2.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 11/14	1.000 EA
LB1451	WARNING LABEL, CE WARNING SYMBOLS ONLY	1.000 EA
NP1220A08	NP,DC STD AD NONE V GEAR MOTOR CE CUL	1.000 EA
CPA1000	PACKING GROUP STD. SINGLE	1.000 EA

Accessories		
Part Number	Description	Multiplier
BC110	FRAC DC ANALOG,115AC,50/60HZ,1.0A,1	E9
BC138	3478# KBWM-120 CN3000A57	E9
BC140	CS2934A,120/240VAC .5/1-HP SCR CTL,NEMA	E9
BC140-FBR	3479G KBMD-240D w/FBR CN3000A54	E9
BC141	CHASSIS MOUNT FSCN CN3000A20	E9
BR1000	PLUG IN RESISTOR	E9

DC Motor Performance Data

Record # 1674 - Typical performance - not guaranteed values

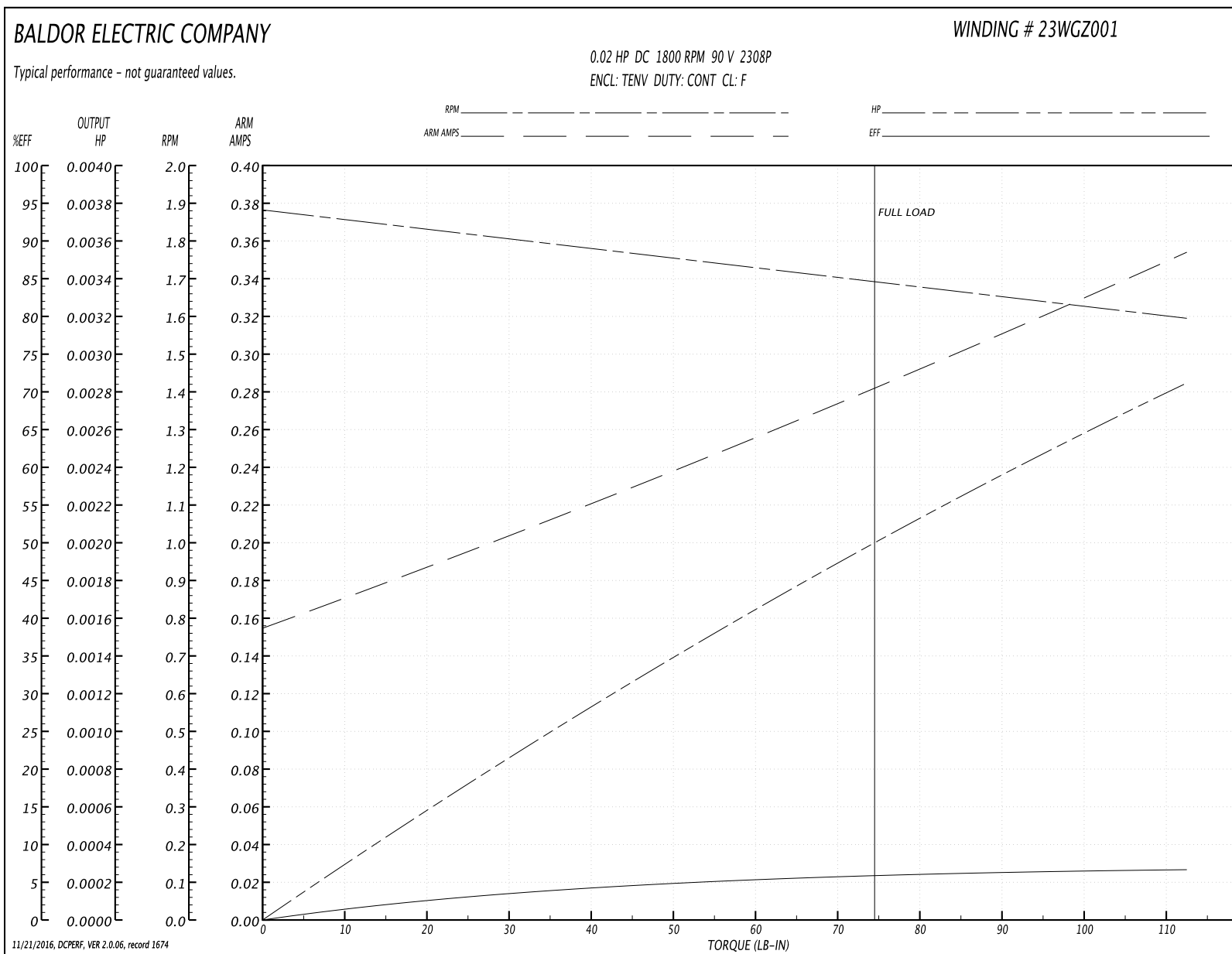
Winding: 23WGZ001-R001 Gear Type: RIGHTANGLE	Type: 2308P Gear Style: DA	Enclosure: TENV Gear Ratio: 1100:1
---	---	---

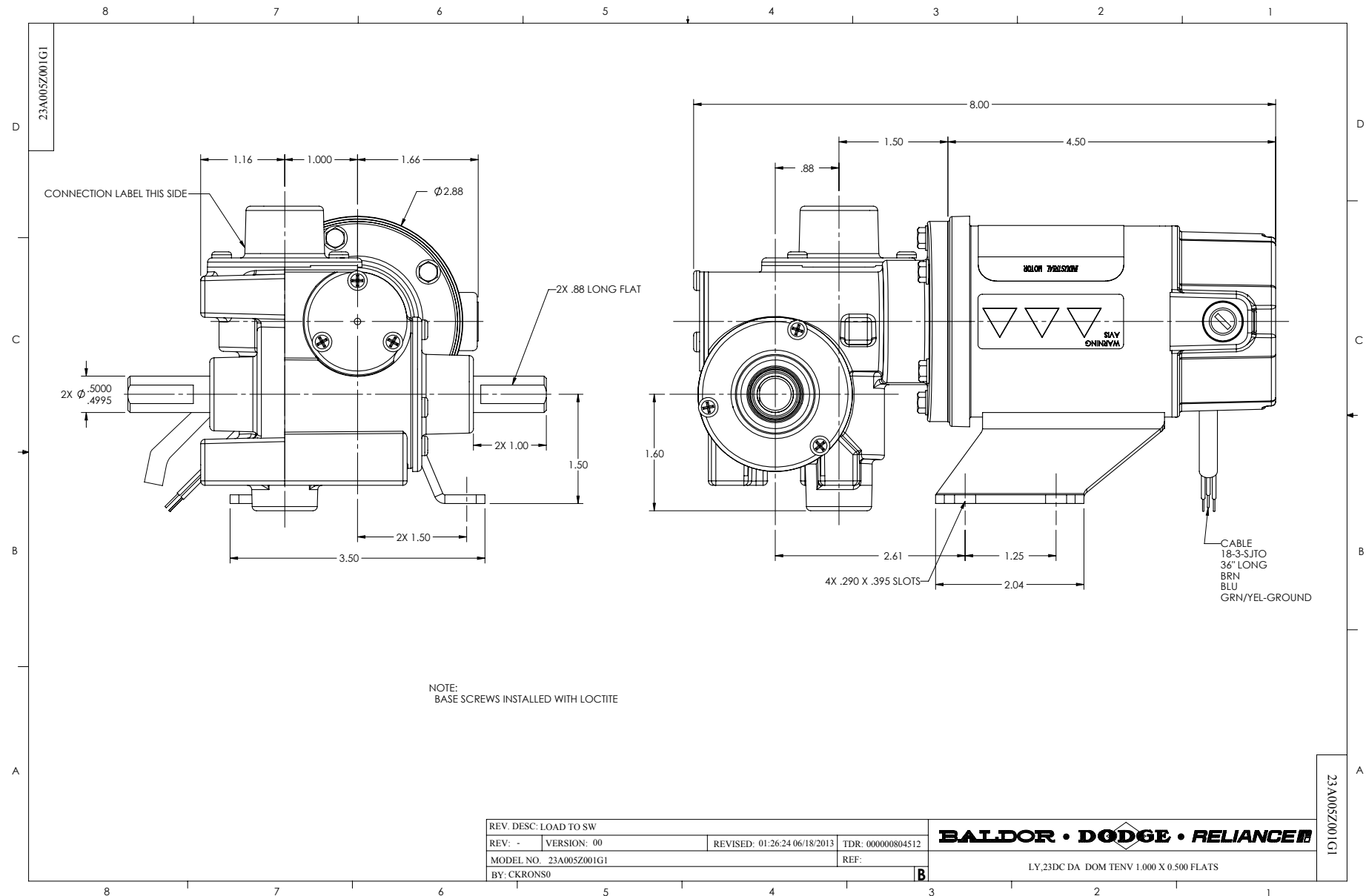
Nameplate Data		General Characteristics	
Rated Output (HP)	0.02	Armature Resistance @ 25°C	67.5 Ω
R.P.M.	1800		
Armature Volts	90		
Armature Amps	0.29		
Field Volts		Armature Inductance	108 mH
Field Amps			
Rating - Duty	40C AMB-CONT		
Form Factor	1.3		

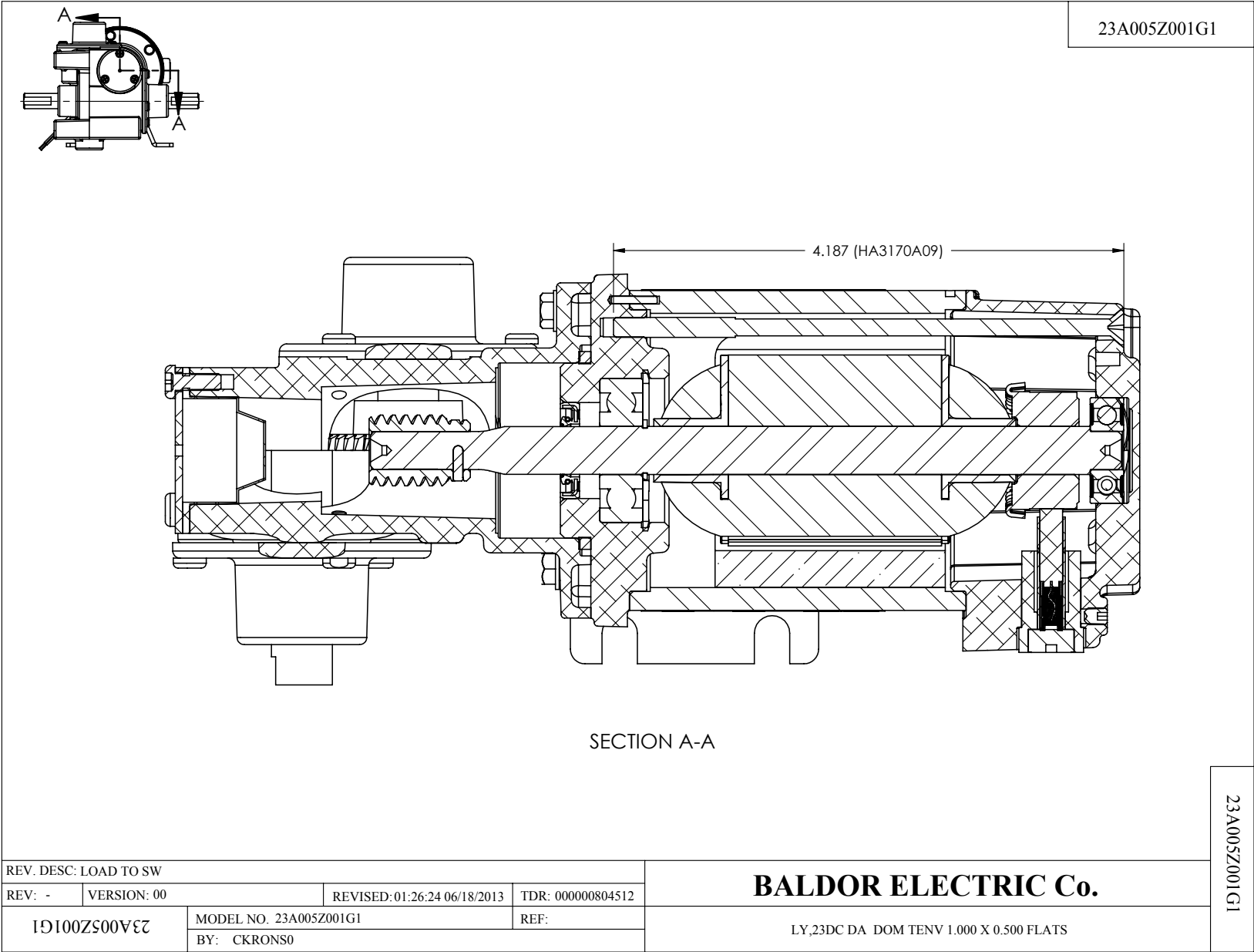
Load Characteristics at 90 Armature Volts

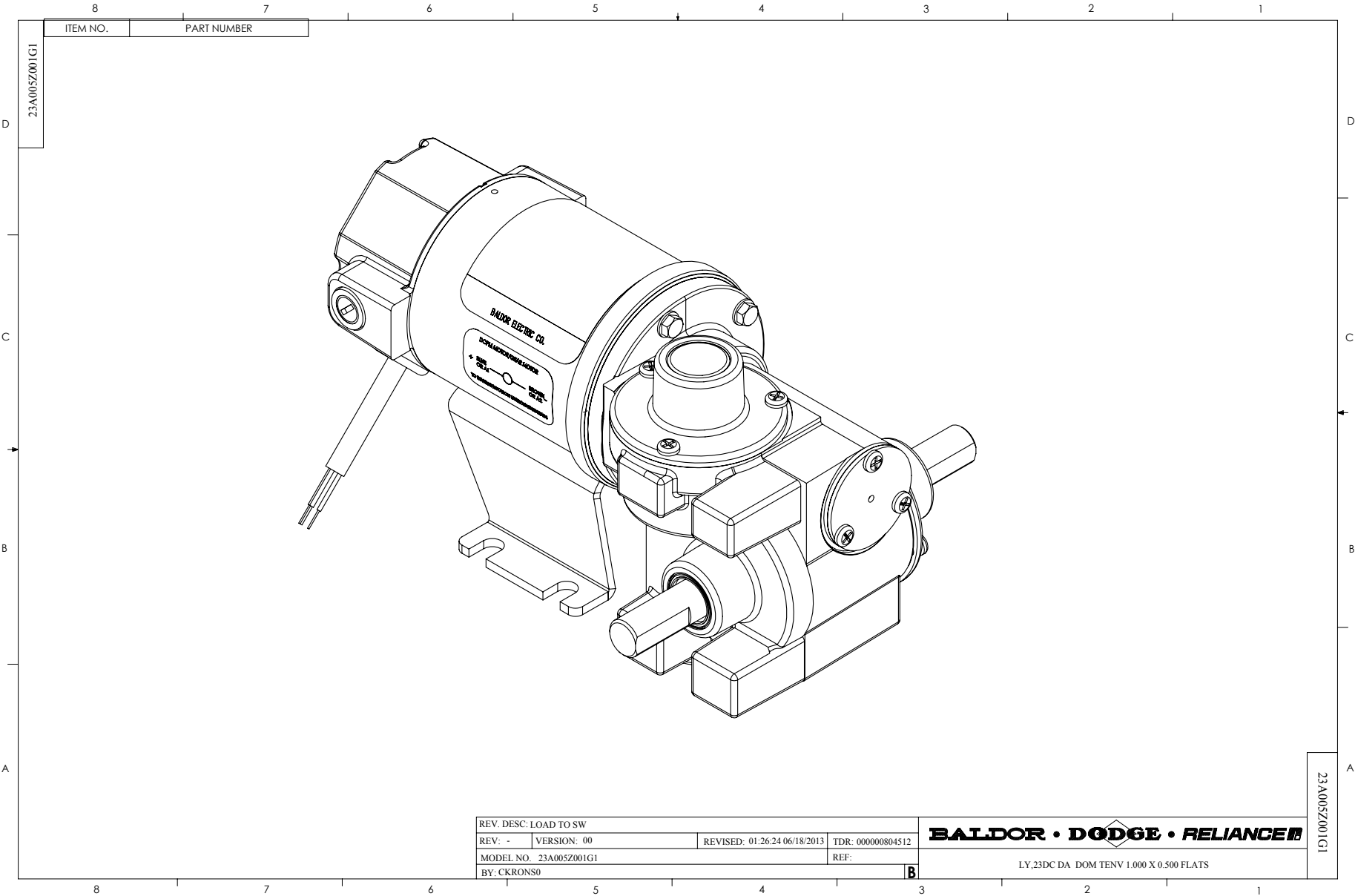
Load Point	1	2	3	4	5	6	7
Armature Amps	0.15	0.19	0.22	0.25	0.28	0.31	0.36
R.P.M.	1.85	1.86	1.8	1.74	1.69	1.65	1.58
Torque (LB-IN)	0	18.75	37.5	56.25	75	93.75	112.5

Performance Graph at 90.0 Arm V, 0.02HP Typical performance - Not guaranteed values



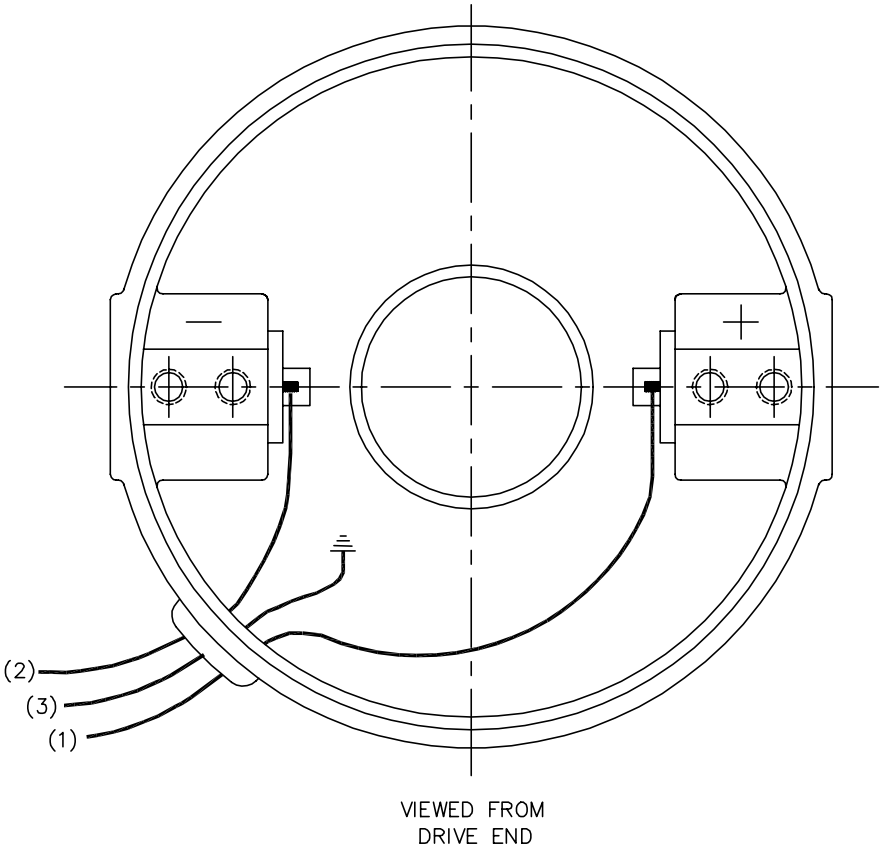






CD1899

- (1) COLOR MAY BE
RED
WHT
BLU
- (2) COLOR MAY BE
BLK
BRN
- (3) COLOR WHEN REQ.
GRN
GRN/YEL



REV. DESC: NEW			
REV. LTR: -	BY: PAW	REVISED: 09:06:34 09/16/2004	TDR: 341564
668100		FILE: CKA00025830	REF: CD1899
		MTL: -	

BALDOR ELECTRIC Co.	
PM,2LD,REV,TANG,CK	

CD1899