

BALDOR® • RELIANCE

Product Information Packet

GP231003

.025HP,1740RPM,DC,FTA-0,2308P,TENV,GM

Part Detail							
Revision:	AC	Status:	PRD/A	Change #:		Proprietary:	No
Type:	DC	Prod. Type:		Elec. Spec:	23WGZ001	CD Diagram:	CD1899
Enclosure:	TENV	Mfg Plant:		Mech. Spec:		Layout:	23LYA010
Frame:	FTA	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.	GP231003		
SER.NO			
SPEC.	23A010Z001G1		
FRAME	FTA	TYPE	2308P
HP	1/40	TE	
VOLTS	90		
AMP	.29		
F.F.	1.3	CLASS	F
AMB.	40	DUTY	CONT
BRUSHES	2/BP5060DA02		
R.P.M.	87		
TORQ/IN LB	7.3		
RATIO	20:1		
APRV-CE		APRV-CUL	

Parts List		
Part Number	Description	Quantity
SA048866	SA 23A010Z001G1	1.000 EA
AA005499	AA 23A010Z001G1	1.000 EA
SR000257	SR 23A010Z001G1	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
23BA4002L	23BA4002-BLACK POWDER COATED	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
HW5109A06	WASHER, WAVE SPRING FOR 22MM BORE SMALLE	1.000 EA
55XT0632G03	6-32 X 0.187 RD HD PHILLIPS, SERRATED	1.000 EA
23EP3101A03L	EP, 23DC DE CL 6200 RA 1.500 B.C. FTA	1.000 EA
WD4102A01	SR-6L-1 HEYCO STRN RELIEF OR 23MPO6L10 M	1.000 EA
80XN0632J03	SCREW, 6-32 X 3/16", SHS, AS	2.000 EA
GS0006	GASKET "FTA" 1.438 I.D. BGA1212	1.000 EA
51XT0632A06	6-32X3/8 TY23 HXWS SLDSR	3.000 EA
GS0005	GASKET "FTA" 1.250 I.D. BGA1210	1.000 EA
HW4600D26	SEAL, TCM #031051VC (.312" X .500"	1.000 EA
BH1152A02	SLEEVE BRG. PAP0812-P14 8MM X 10MM X 12	1.000 EA
MJ1000C13	SYN-TECH GREASE NS-3614-G	0.010 LB
BH1152A02	SLEEVE BRG. PAP0812-P14 8MM X 10MM X 12	1.000 EA
BCG1121-003L	HOUSING, FTA GEAR CAP W/BLK POWDER COAT	1.000 EA
BMH1507	6-32 X 1/2 BD/HD"W INTERNAL TOOTH WSHR	3.000 EA
HW4600D26	SEAL, TCM #031051VC (.312" X .500"	1.000 EA
HW5002A45	RETAINING RING,WALDES TRUARC N5002-118	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
WM0094A01	WORM,FTA 20.0 OUT PIN ON	1.000 EA
LD0110A29	ASM,CABLE 40 18-3 BRN,BLU,G/Y (4) 23F	1.000 EA
HA3170A08	THRUBOLT,FLAT HD. #8-32 THDS X 3.437 LON	2.000 EA
BHG1253-004L	HOUSING, FTA GEAR HEAD W/BLK POWDER COAT	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
NP1220A08	NP,DC STD AD NONE V GEAR MOTOR CE CUL	1.000 EA
LB1451	WARNING LABEL, CE WARNING SYMBOLS ONLY	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
BR0510	PLUG IN RESISTOR	E9

DC Motor Performance Data

Record # 1230 - Typical performance - not guaranteed values

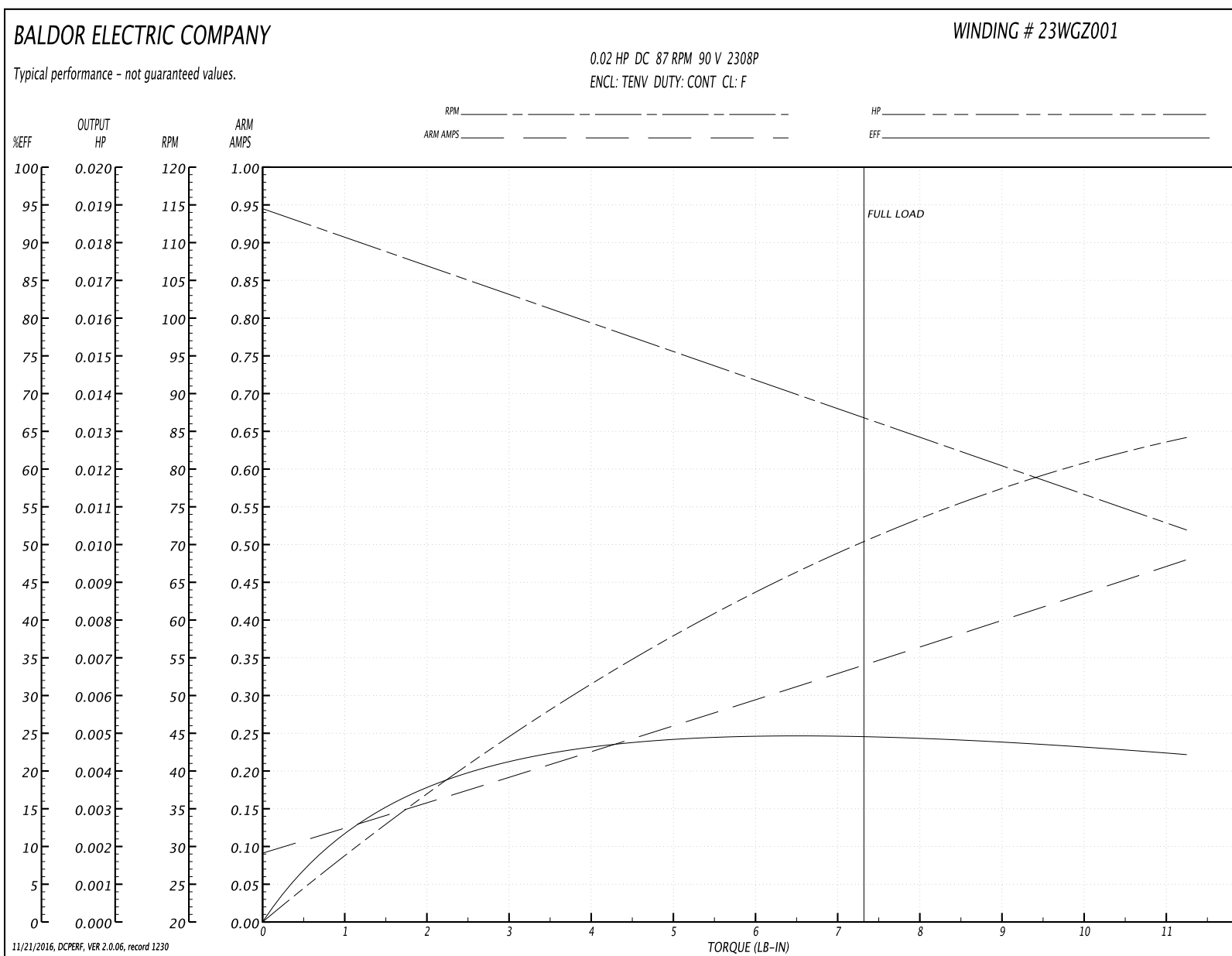
Winding: 23WGZ001-R001 Gear Type: RIGHTANGLE	Type: 2308P Gear Style: FTA	Enclosure: TENV Gear Ratio: 20:1
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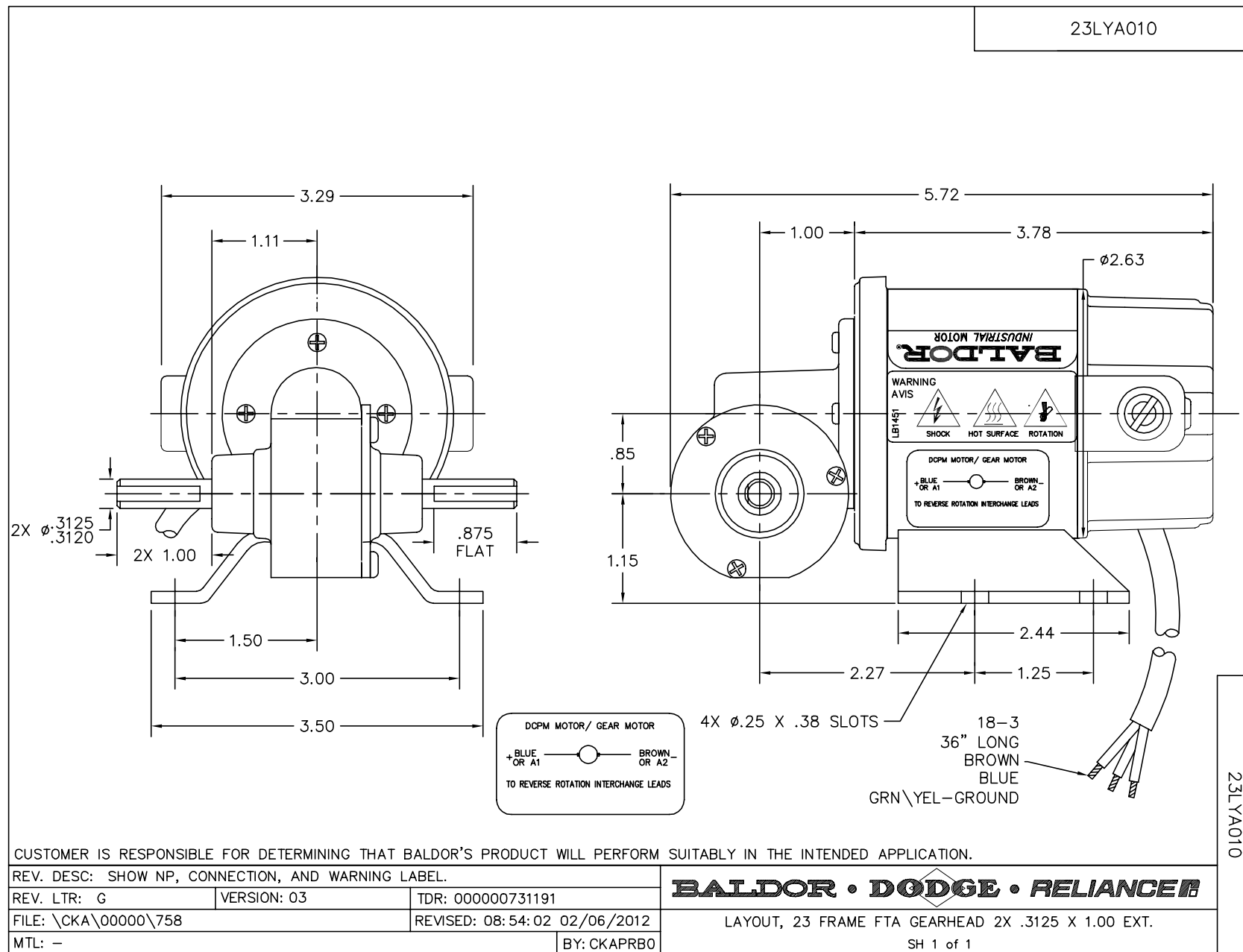
Nameplate Data		General Characteristics	
Rated Output (HP)	0.02	Armature Resistance @ 25°C	73.876 Ω
R.P.M.	87		
Armature Volts	90		
Armature Amps	0.29		
Field Volts			
Field Amps			
Rating - Duty	40C AMB-CONT		
Form Factor	1.3		

Load Characteristics at 90 Armature Volts

Load Point	1	2	3	4	5	6	7
Armature Amps	0.09	0.17	0.24	0.32	0.34	0.4	0.48
R.P.M.	112	108	98.8	89.2	87	80	71.1
Torque (LB-IN)	0	2.25	4.5	6.75	7.3	9	11.25

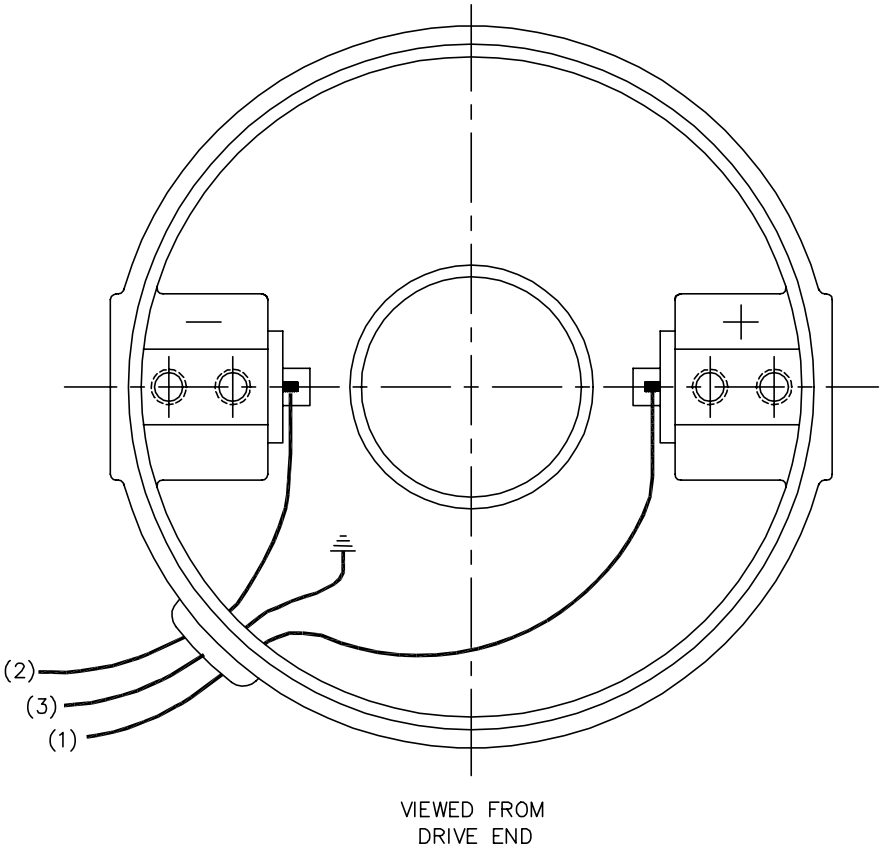
Performance Graph at 90.0 Arm V, 0.02HP Typical performance - Not guaranteed values





CD1899

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



VIEWED FROM
DRIVE END

CD1899

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