

BALDOR® • RELIANCE

Product Information Packet

GPP230139

G.M. R14NA 90V DC 13 RPM 135:1(GPP23013)

Part Detail							
Revision:	G	Status:	PRD/A	Change #:		Proprietary:	No
Type:	DC	Prod. Type:		Elec. Spec:	23WGZ062	CD Diagram:	CD1899
Enclosure:	TENV	Mfg Plant:		Mech. Spec:		Layout:	23A693Z062G2
Frame:	PSSH	Mounting:		Poles:	///	Created Date:	02-10-2012
Base:		Rotation:	R	Insulation:	F	Eff. Date:	09-21-2016
Field Type:		Literature:		Elec. Diagram:		Replaced By:	

Nameplate NP1220A08

CAT.NO.	GPP230139		
SER.NO			
SPEC.	23A693Z062G2		
FRAME	PSSH	TYPE	2314P
HP	.025	TE	
VOLTS	90		
AMP	.3		
F.F.	1.67	CLASS	F
AMB.	40	DUTY	CONT
BRUSHES	2/BP5060DA02		
R.P.M.	13		
TORQ/IN LB	100		
RATIO	135:1		
APRV-CE		APRV-CUL	

Parts List		
Part Number	Description	Quantity
SA239716	SA 23A693Z062G2	1.000 EA
AA014830	AA 23A693Z062G2	1.000 EA
LC0899A07	CONNECTION LABEL, DCPM CW ROTATION CE CO	1.000 EA
BP5060DA02	CARBON BRUSH-1/8X3/16 FOR MODEL 23 P130	2.000 EA
HG0044A04BL	HSG,PSSH EP STD 23 FRAME MOUNTING 4 BOR	1.000 EA
BMH1729	WASHER,PREC 1.020"X.628"X.020"	1.000 EA
HW5002A42	N5002-102 RET RING INTERNBEVELED F/6000	1.000 EA
HW3064E05	1/8 X 1/2 PIN DRIVE LOK TYPE H	1.000 EA
HW4600D28-01	SEAL WITHOUT SPRING	1.000 EA
23EP3108A01L	EP,23DC ODE CL 0.63 P4	1.000 EA
HW5109A06	WASHER, WAVE SPRING FOR 22MM BORE SMALLE	1.000 EA
WD4102A01	SR-6L-1 HEYCO STRN RELIEF OR 23MPO6L10 M	1.000 EA
LD0110A29	ASM,CABLE 40 18-3 BRN,BLU,G/Y (4) 23F	1.000 EA
55XT0632G03	6-32 X 0.187 RD HD PHILLIPS, SERRATED	1.000 EA
BP4517	BRUSH TUBE ASM,	2.000 EA
80XN0632J03	SCREW, 6-32 X 3/16", SHS, AS	2.000 EA
BP4515SP	BRUSH CAP	1.000 EA
HA3170S09	THRUBOLT,FLAT HD. #8-32 THDS X 4.187 LON	2.000 EA
SG0047A39	SHAFT,ASSY PSSH LONG INT1 4RED 3.0/5.0	1.000 EA
SG0047B86	SHAFT,ASSY PSSH LONG INT2 4RED 3.0/3.0	1.000 EA
SG0047A05	SHAFT,ASSY PSSH LONG INT3 4RED 3.0/3.0	1.000 EA
SG0047A67	SHAFT,ASSY PSSH LONG OUTP 4RED 0.0/3.0	1.000 EA
CG0001A01BL	HSG,PSSH CAP STD 4 BORE MACH.	1.000 EA
BH1163A02	SCE88 INA NEEDLE ROL SM21	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
HW4600C29	SEAL, TCM #0507416 SCW .50X.75X.165 RB	1.000 EA
RM1020A21	O-RING,3.240 I.D. X .052 BUNA-N (NITRILE	1.000 EA
60XM0832A08	SCREW, PAN TORX 8-32X.500 THREAD FORMING	4.000 EA
BMH2764	KEY 1/8"X1/8"X1" SAE 1035AUTO	1.000 EA
ME4000	.375-.75" DIA.#SW-04 WOVEN SHAFT PROTECT	0.021 FT
MJ0005A01SP	GREASE, SYN-TECH NS-8301-G	0.030 LB
NP1220A08	NP,DC STD AD NONE V GEAR MOTOR CE CUL	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 11/14	1.000 EA
LB1451	WARNING LABEL, CE WARNING SYMBOLS ONLY	1.000 EA
CPA1000	PACKING GROUP STD. SINGLE	1.000 EA

DC Motor Performance Data

Record # 2032 - Typical performance - not guaranteed values

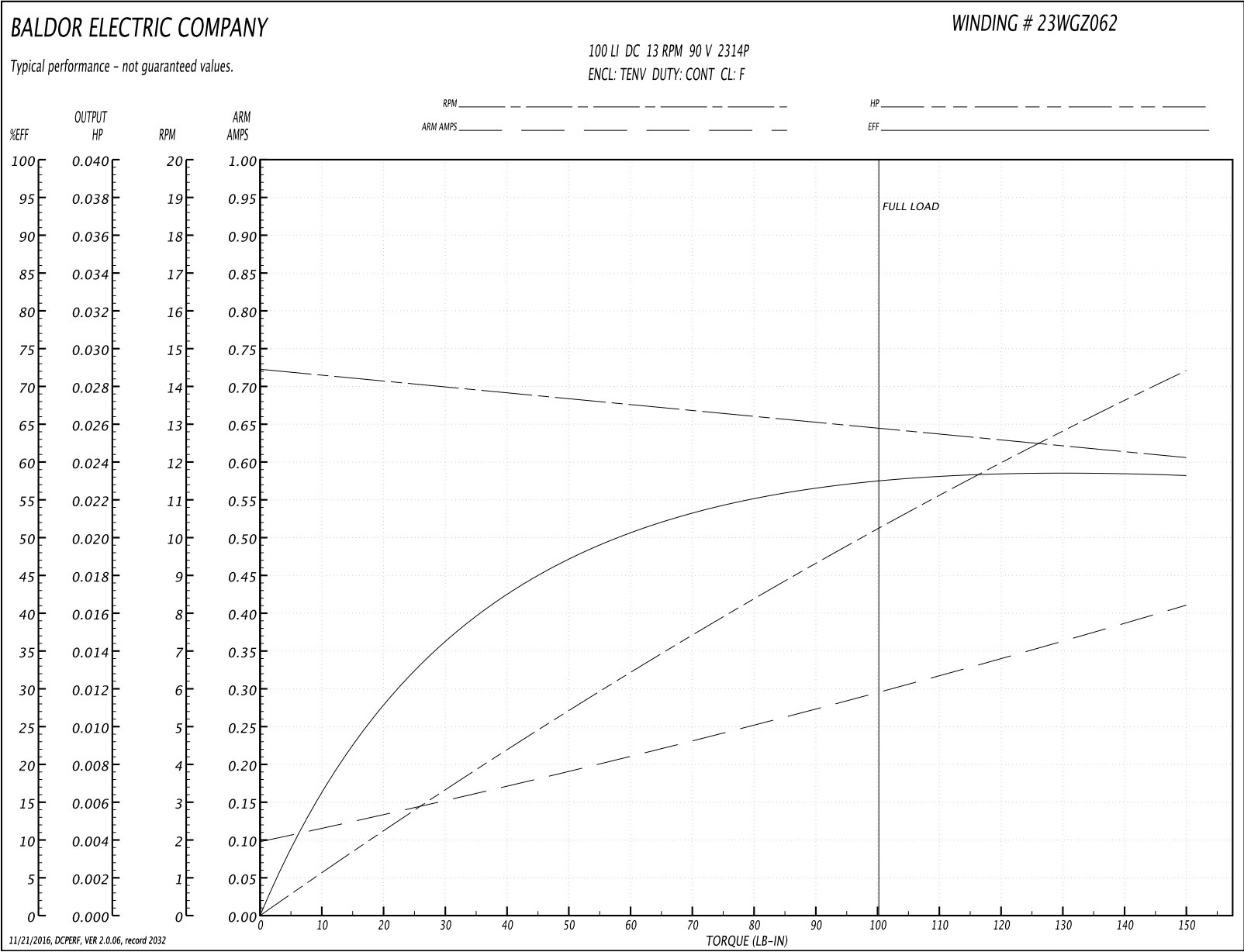
Winding: 23WGZ062-R002 Gear Type: PARALLEL	Type: 2314P Gear Style: PSSH	Enclosure: TENV Gear Ratio: 135:1
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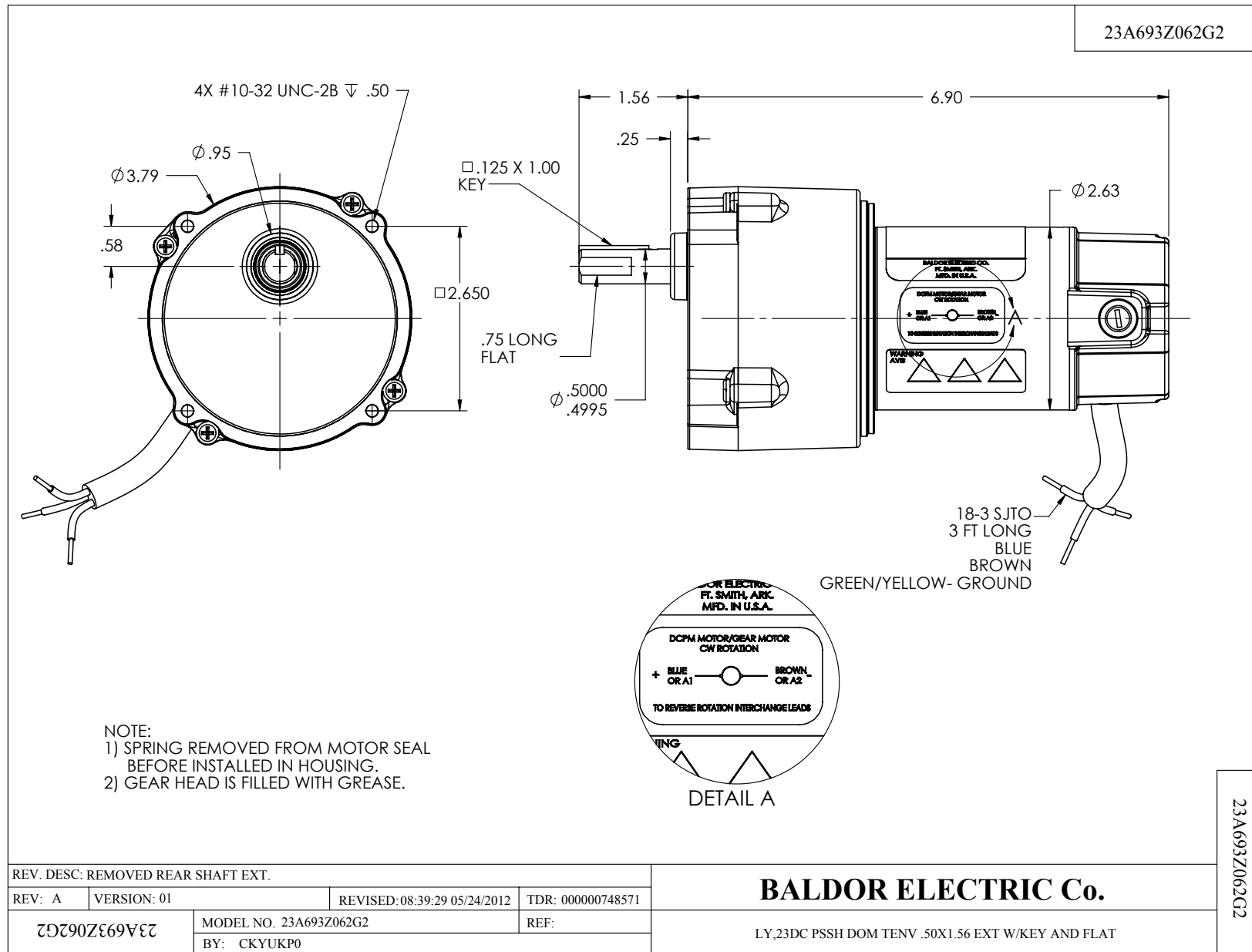
Nameplate Data		General Characteristics	
Rated Output (LI)	100	Armature Resistance @ 25°C	41.14 Ω
R.P.M.	13		
Armature Volts	90	Voltage Constant	44.1 v/krpm
Armature Amps	0.3		
Field Volts		Armature Inductance	80 mH
Field Amps		Armature Inertia	3.343 OI ²
Rating - Duty	40C AMB-CONT		
Form Factor	1.67		

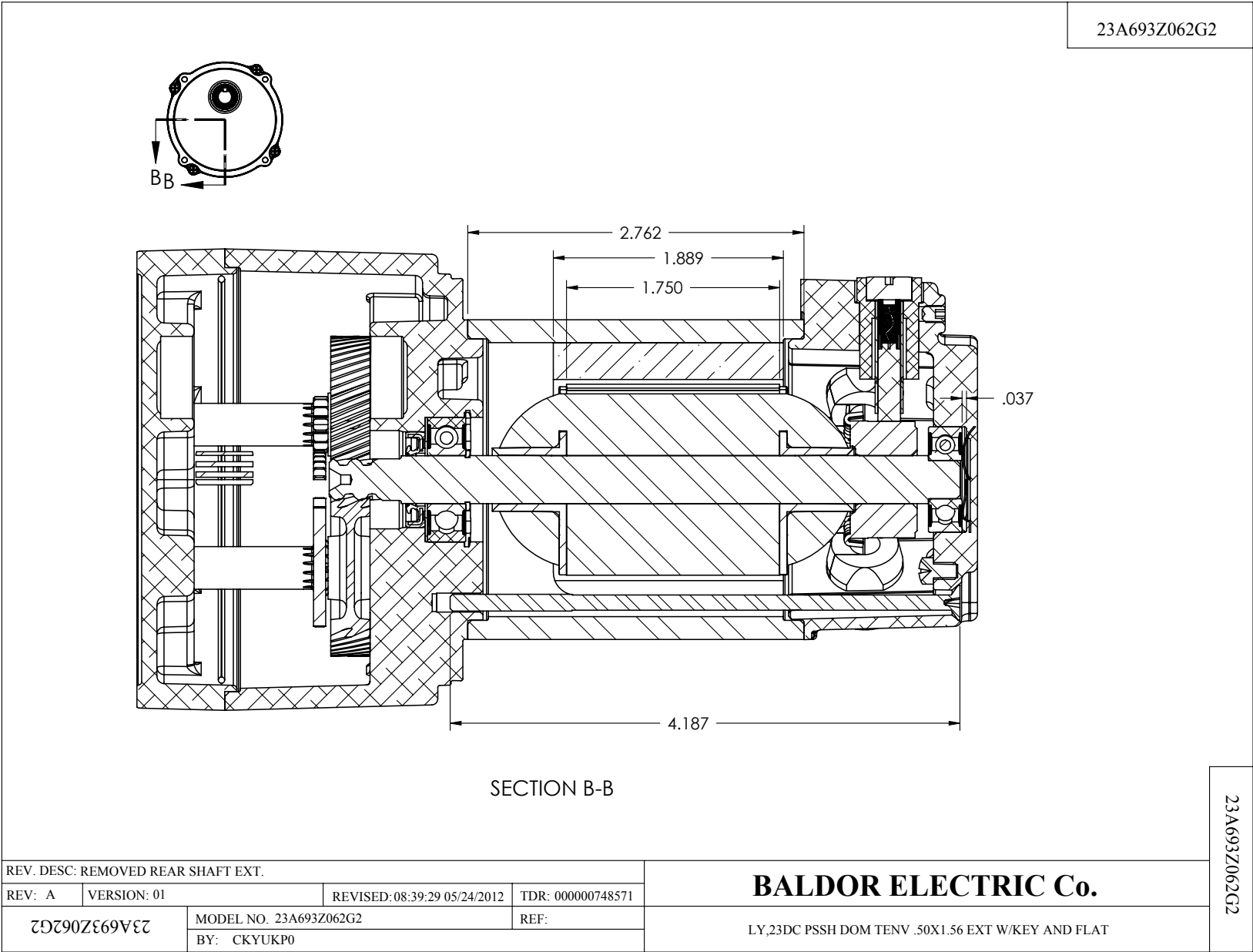
Load Characteristics at 90 Armature Volts

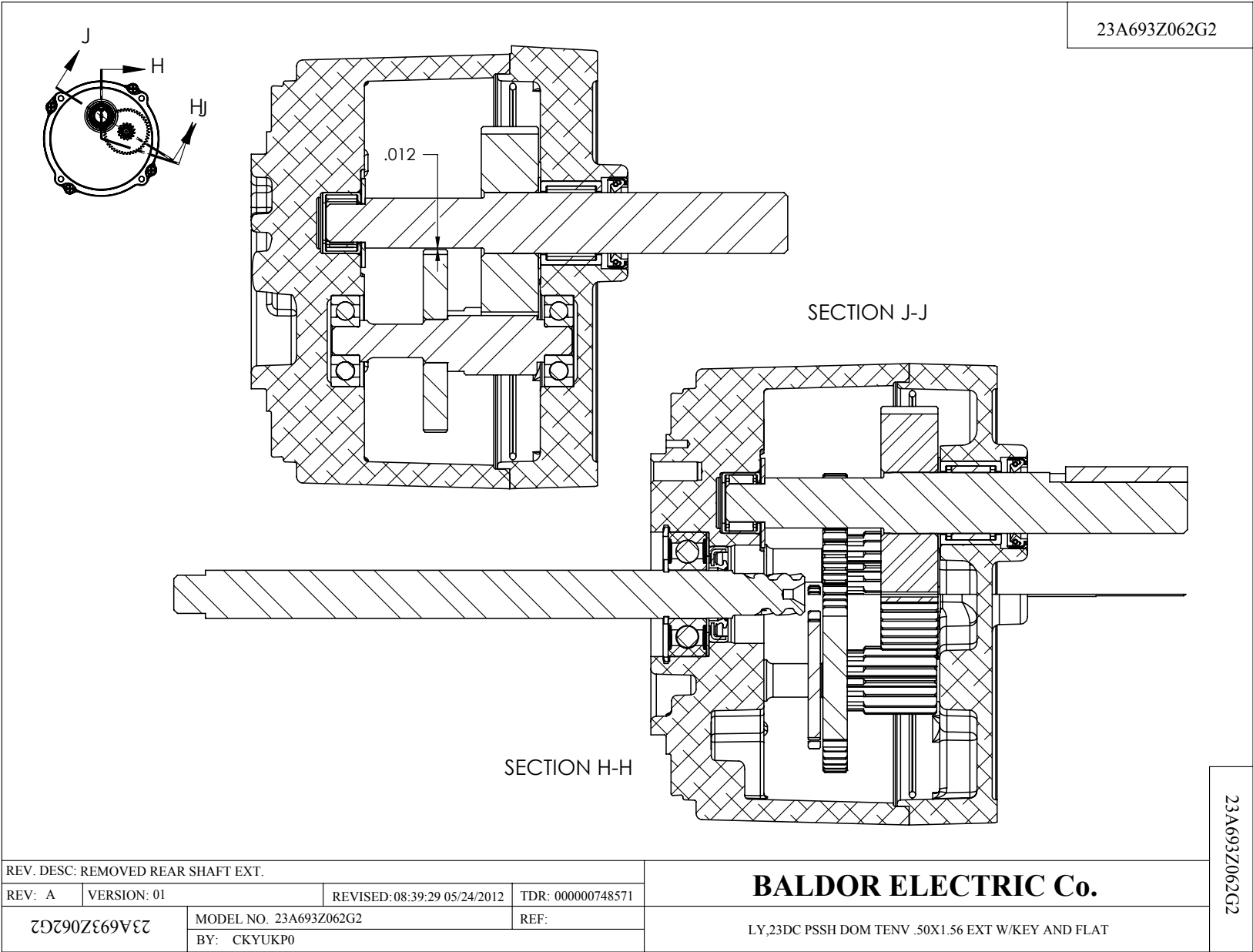
Load Point	1	2	3	4	5	6	7
Armature Amps	0.1	0.14	0.19	0.24	0.3	0.35	0.41
R.P.M.	14.4	14.1	13.7	13.3	12.9	12.5	12.1
Torque (LB-IN)	0	25	50	75	100	125	150

Performance Graph at 90.0 Arm V, 100.0LI Typical performance - Not guaranteed values

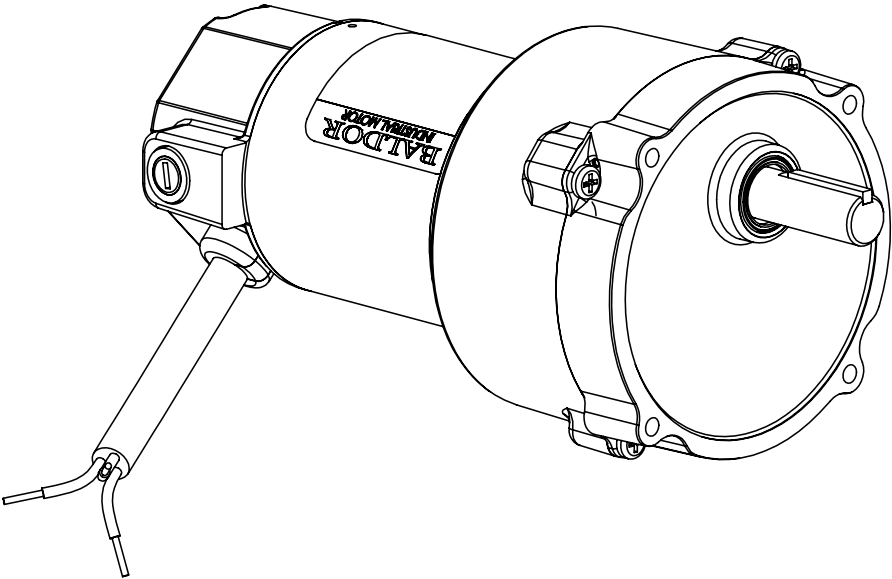








ITEM NO.	PART NUMBER	23A693Z062G2/23A693Z062G1/QTY.
1	HG0044A04	1
2	BMH1729	1
3	BG6000C03	1
4	HW5002A42	1
5	HW3064E05	1
6	BH1163A01	1
7	HW4600D28-01	1
8	23SH4001B05	1
9	HW5060A23	1
10	23AA2014	1
11	BG6608E	1
12	23sb3000b14	1
13	HW3022A04	1
14	PM1036A02	2
15	23EP3108A01	1
16	HW5109A06	1
17	BP4517	2
18	80XN0632J03	2
19	BP5060-02	1
20	BP4515	2
21	55XT0632G03	1
22	WD4102A01	1
23	3LEADCORD	1
24	HA3170S09	2
25	CG0001A01	1
26	BH1163A02	1
27	HW4600C29	1
28	RM1020A21	1
29	NP1220A	1
30	LB1451	1
31	BMH2764	1
32	23DC_LC0899A07	1
33	SG0047A39	1
34	SG0047b86	1
35	SG0047A05	1
36	SG0047A67	1
37	15XM0832A08	4



23A693Z062G2

23A693Z062G2

REV. DESC: REMOVED REAR SHAFT EXT.			
REV: A	VERSION: 01	REVISED: 08:39:29 05/24/2012	TDR: 000000748571
23A693Z062G2		MODEL NO. 23A693Z062G2	REF:
		BY: CKYUKP0	

BALDOR ELECTRIC Co.

LY,23DC PSSH DOM TENV .50X1.56 EXT W/KEY AND FLAT

