

BALDOR® • RELIANCE 

Product Information Packet

GPP3378

G.M. F27LF 180V DC 345 RPM CAT# GPP3378

Part Detail							
Revision:	D	Status:	PRD/A	Change #:		Proprietary:	No
Type:		Prod. Type:		Elec. Spec:		CD Diagram:	
Enclosure:	TENV	Mfg Plant:		Mech. Spec:		Layout:	33-2328Z131K7
Frame:	PSLH	Mounting:		Poles:		Created Date:	05-04-2009
Base:		Rotation:	R	Insulation:		Eff. Date:	05-06-2016
Field Type:		Literature:		Elec. Diagram:		Replaced By:	

Nameplate NP1286A09			
SPEC.	33-2328Z131K7		
CAT.	GPP3378	SER.	
RATIO	5:1	TORQ/LI	55

Parts List		
Part Number	Description	Quantity
33-2328Z131	.33HP,1750RPM,DC,42CZ,3327P,TENV,F1,N	1.000 EA
HG0080A01CG	HSG,PSL FLAT BACK LONG HOUSING	1.000 EA
HW4600C70	SEAL .669 X 1.496 X .276, SINGLE LIP	1.000 EA
HW3064E05	1/8 X 1/2 PIN DRIVE LOK TYPE H	1.000 EA
BH1163A02	SCE88 INA NEEDLE ROL SM21	1.000 EA
HA4021A05	1/16 NPSF-HX SOC PIPE PLUG TAPER DRY SEA	1.000 EA
84XN2520J16	1/4-20 X 1 SOC HD CAP SCREW	4.000 EA
HW1028A25	NYLON SEALING COLLAR,1/4"(NYLTITE)	4.000 EA
BGS01214	SHAFT,ASSY PSLH LONG INT1 2RED 1.0/5.0	1.000 EA
BGS01215	SHAFT,ASSY PSLH LONG OUTP 2RED 0.0/1.0	1.000 EA
CG0012A01CG	CAP, PSL GEAR HEAD	1.000 EA
RM1020A22	O-RING .070 X 4.527	1.000 EA
BH1163A03	SCE1212 INA NEEDLE ROLLER BBG1027	1.000 EA
HW4600G71	SEAL, .750 X 1.250 X .250 SGL LIP FT802	1.000 EA
60XM2520A12	SCREW,PAN TORX 1/4-20X.750 THREAD FORMIN	4.000 EA
MJ1000B02	KLUB. GH6-460 GEAR OIL 1 GALLON	0.010 GA
BMH1910	KEY 3/16X3/16X1 1/8 AUTO X	1.000 EA
ME4000	.375-.75" DIA.#SW-04 WOVEN SHAFT PROTECT	0.090 FT
NP1286A09	NP,GR AD NONE H	1.000 EA
25PK5008A01	CARTON ASSY. 33FR. W/LONG O/P SHAFT	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 11/14	1.000 EA

Accessories		
Part Number	Description	Multiplier
LB75	BASE, L BRACKET 34 FRAME PSL KIT BLACK	A8
BC139	.25HP-230V/SCR CNTL,AC,HP RES REQ.	E9
BC140	CS2934A,120/240VAC .5/1-HP SCR CTL,NEMA	E9
BC140-FBR	3479G KBMD-240D w/FBR CN3000A54	E9
BR0101	PLUG IN RESISTOR	E9

DC Motor Performance Data

Record # 217 - Typical performance - not guaranteed values

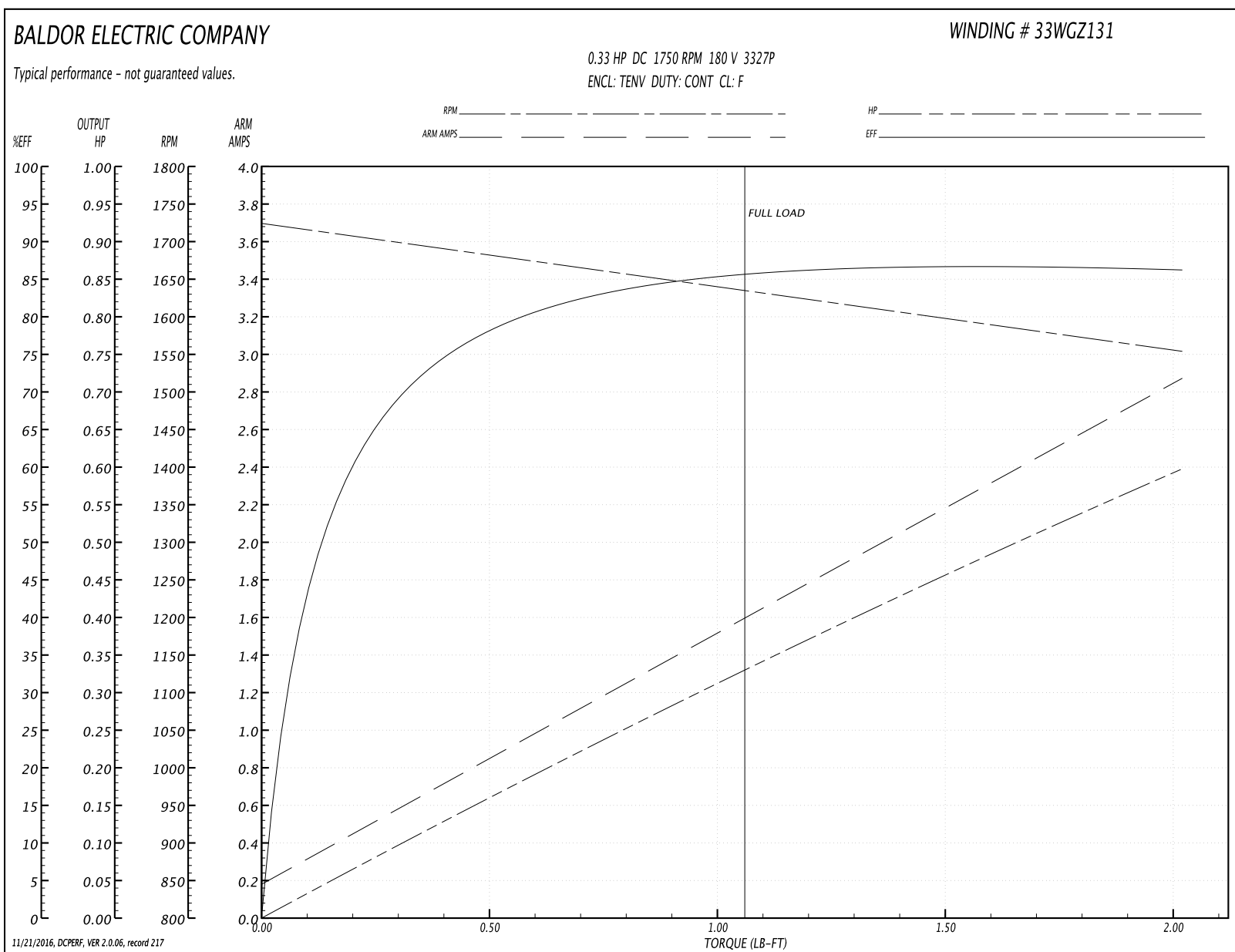
Winding: 33WGZ131-R001	Type: 3327P	Enclosure: TENV
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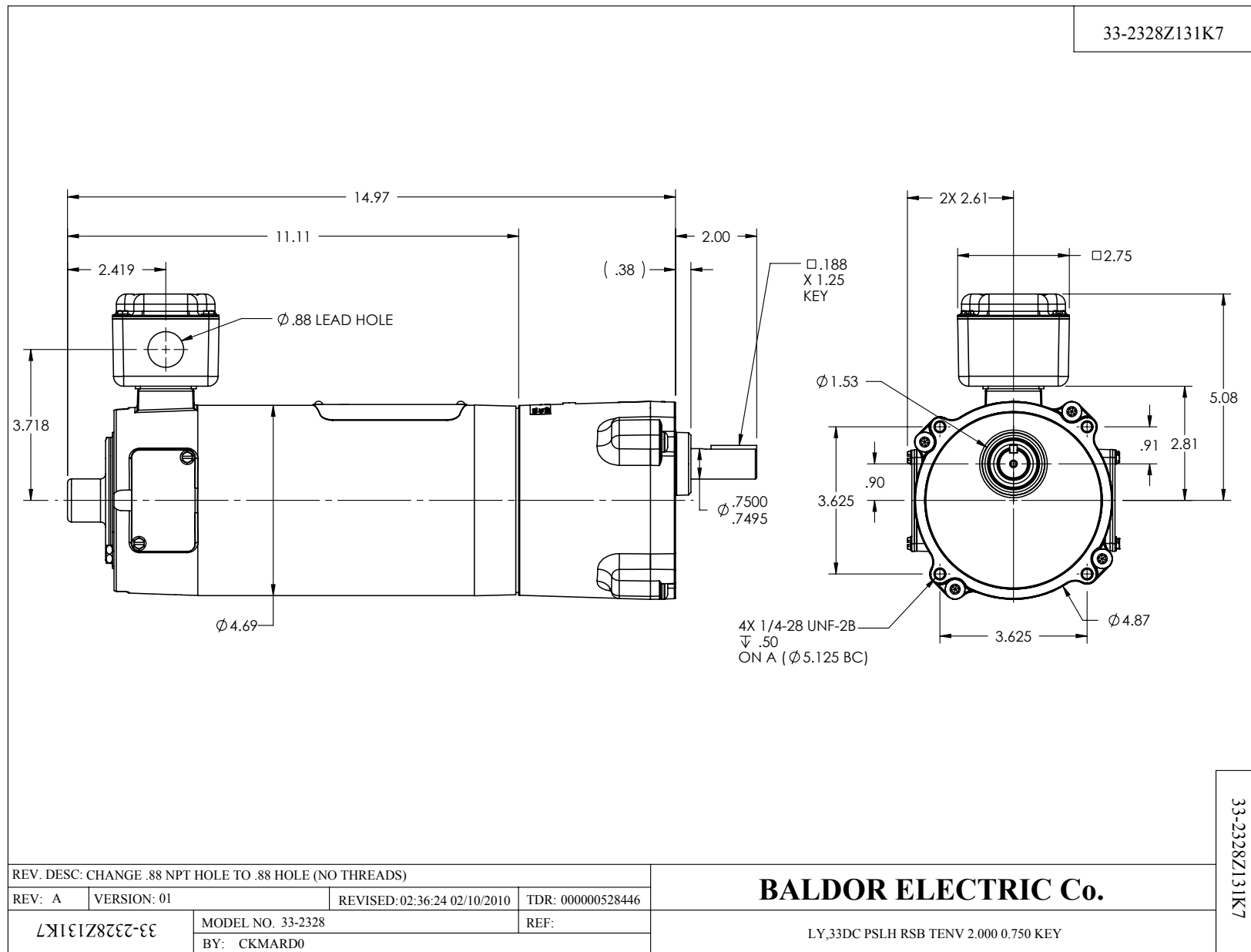
Nameplate Data		General Characteristics	
Rated Output (HP)	0.33	Armature Resistance @ 25°C	4.331 Ω
R.P.M.	1750		
Armature Volts	180		
Armature Amps	1.6		
Field Volts		Armature Inductance	39.666 mH
Field Amps			
Rating - Duty	40C AMB-CONT		
Form Factor	1.3		

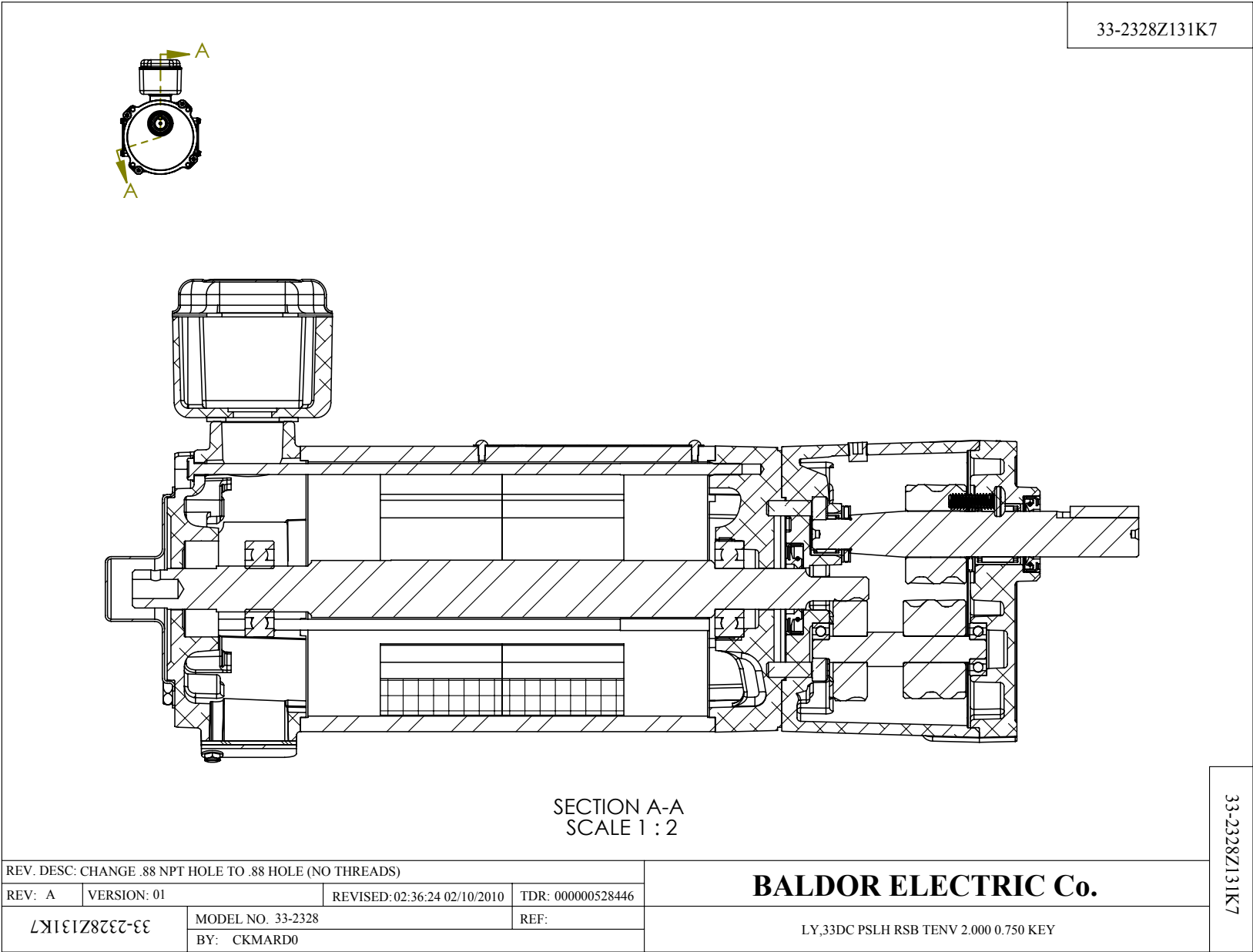
Load Characteristics at 180 Armature Volts

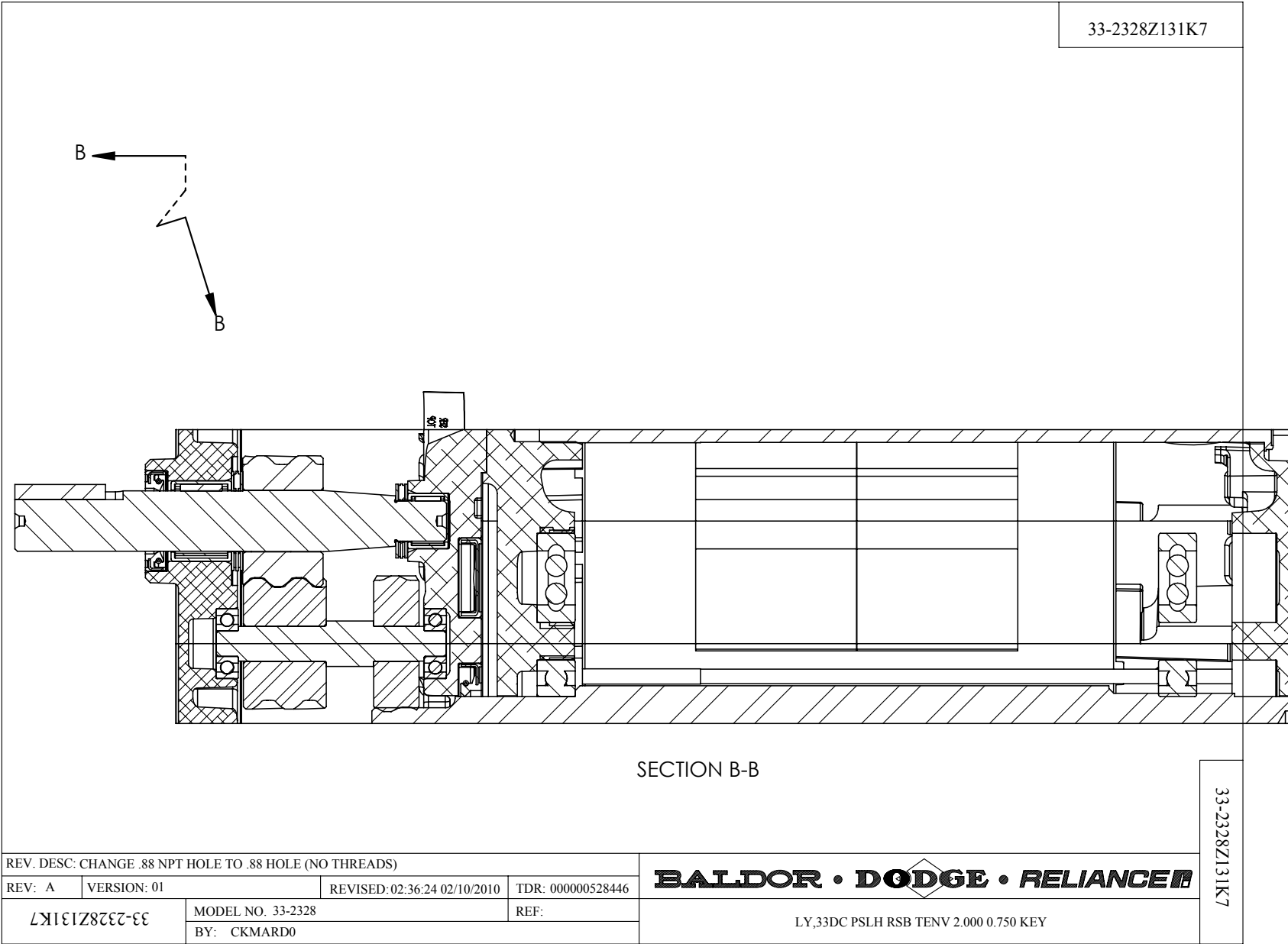
Load Point	1	2	3	4	5	6	7
Armature Amps	0.18	0.89	1.16	1.53	1.88	2.22	2.87
R.P.M.	1727	1679	1662	1633	1620	1595	1556
Torque (LB-FT)	0	0.516	0.752	1.01	1.268	1.525	2.02

Performance Graph at 180.0 Arm V, 0.33HP Typical performance - Not guaranteed values

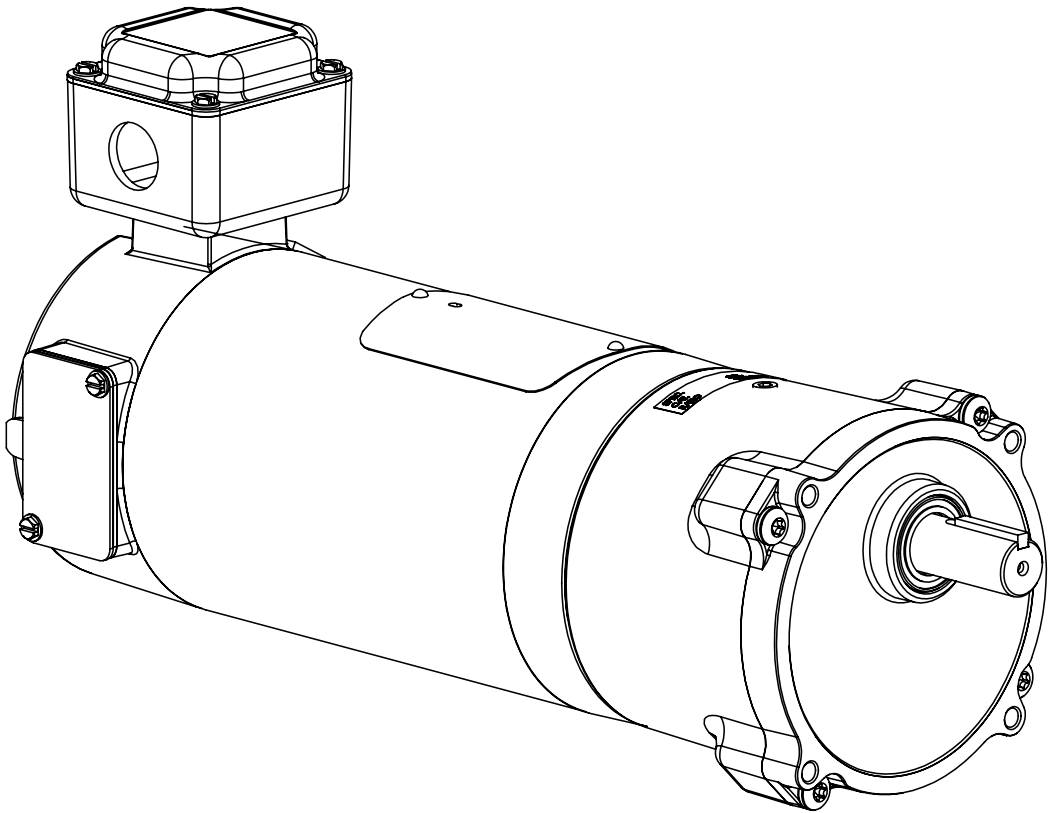








ITEM NO.	PART NUMBER	QTY.
1	HG0080A01	1
2	HW4600C70	1
3	HW3064E05	1
4	BH1163A02	1
5	HA4021A05	1
6	84XN2520J12	4
7	BGS01214	1
	BSG5622	1
	GE0079B44	1
	BGE5619	1
	BG6608C03	2
8	BGS01215	1
	BGE5775	1
	SH0106A38	1
	BH1166A02	1
	BH1166A01	1
	BH1108A02	2
	BH1108A04	2
9	CG0012A01	1
10	BH1163A03	1
11	HW4600D39	1
12	60XM2520A12	4
13	BMH1910	1
14	NP1286A09	1
15	33LY2328	1



33-2328Z131K7

33-2328Z131K7

REV. DESC: CHANGE .88 NPT HOLE TO .88 HOLE (NO THREADS)

REV: A VERSION: 01 REVISED: 02:36:24 02/10/2010 TDR: 000000528446

33-2328Z131K7	MODEL NO. 33-2328	REF:
	BY: CKMARD0	

BALDOR ELECTRIC Co.

LY,33DC PSLH RSB TENV 2.000 0.750 KEY

