

BALDOR® • RELIANCE

Product Information Packet

GPP3340

G.M. F27LF 90V DC 83 RPM CAT# GPP3340

Part Detail

Revision:	J	Status:	PRD/A	Change #:		Proprietary:	No
Type:	DC	Prod. Type:		Elec. Spec:		CD Diagram:	
Enclosure:	TENV	Mfg Plant:		Mech. Spec:		Layout:	33-2328Z148G1K9
Frame:		Mounting:		Poles:	00	Created Date:	05-07-2009
Base:		Rotation:	R	Insulation:		Eff. Date:	05-06-2016
Field Type:		Literature:		Elec. Diagram:		Replaced By:	

Specs

Enclosure:	TENV		
Gearhead Type:	PARALLEL SHAFT		
Gear Ratio:	30:1		
Gear Style:	PSLH		
Mounting Arrangement:	0.000		
Product Family:	General Purpose		

Nameplate NP1286A09

SPEC. 33-2328Z148G1K9

CAT. GPP3340

RATIO 30:1

SER.

TORQ/LI 337

DC Motor Performance Data

Record # 352 - Typical performance - not guaranteed values

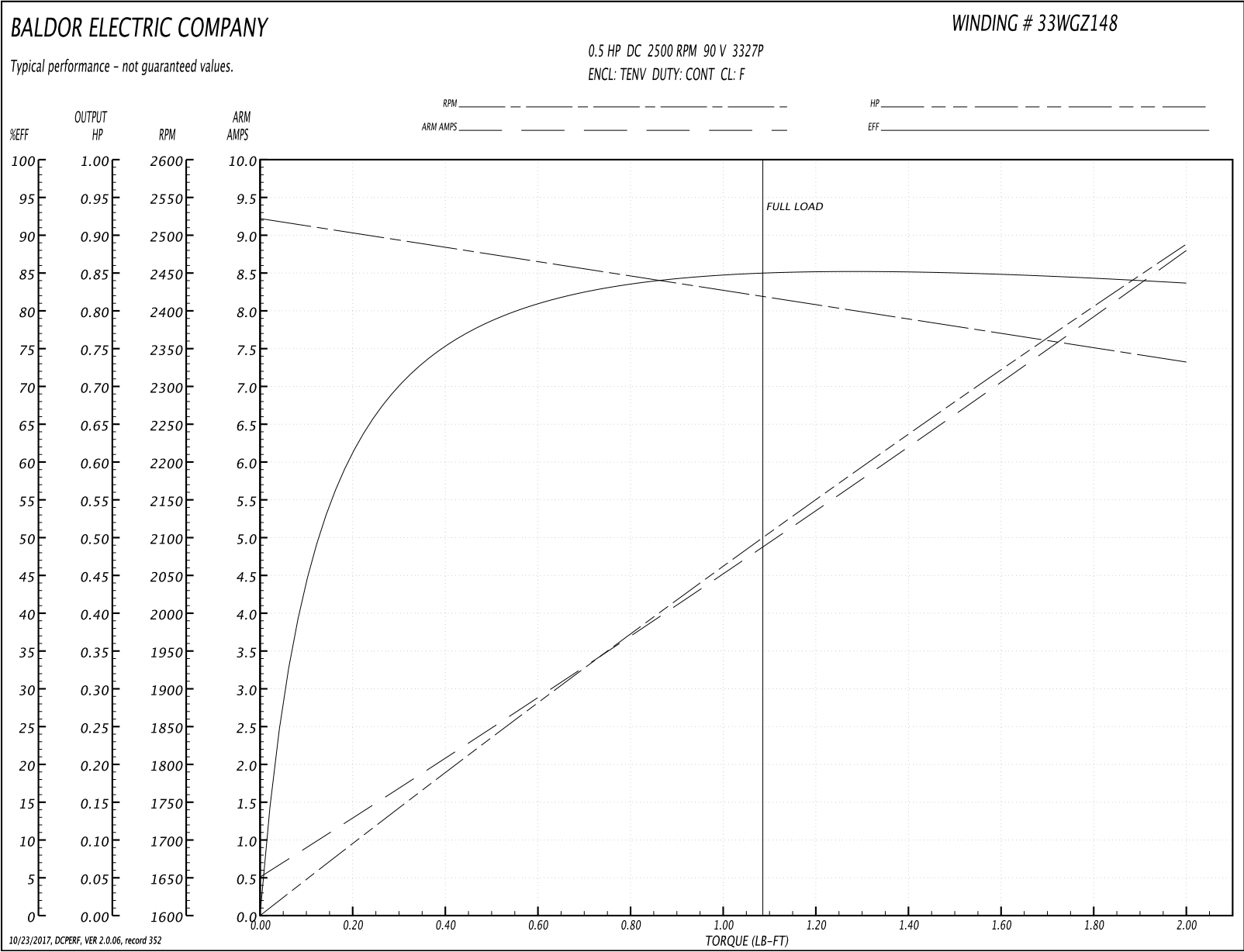
Winding: 33WGZ148-R002	Type: 3327P	Enclosure: TENV
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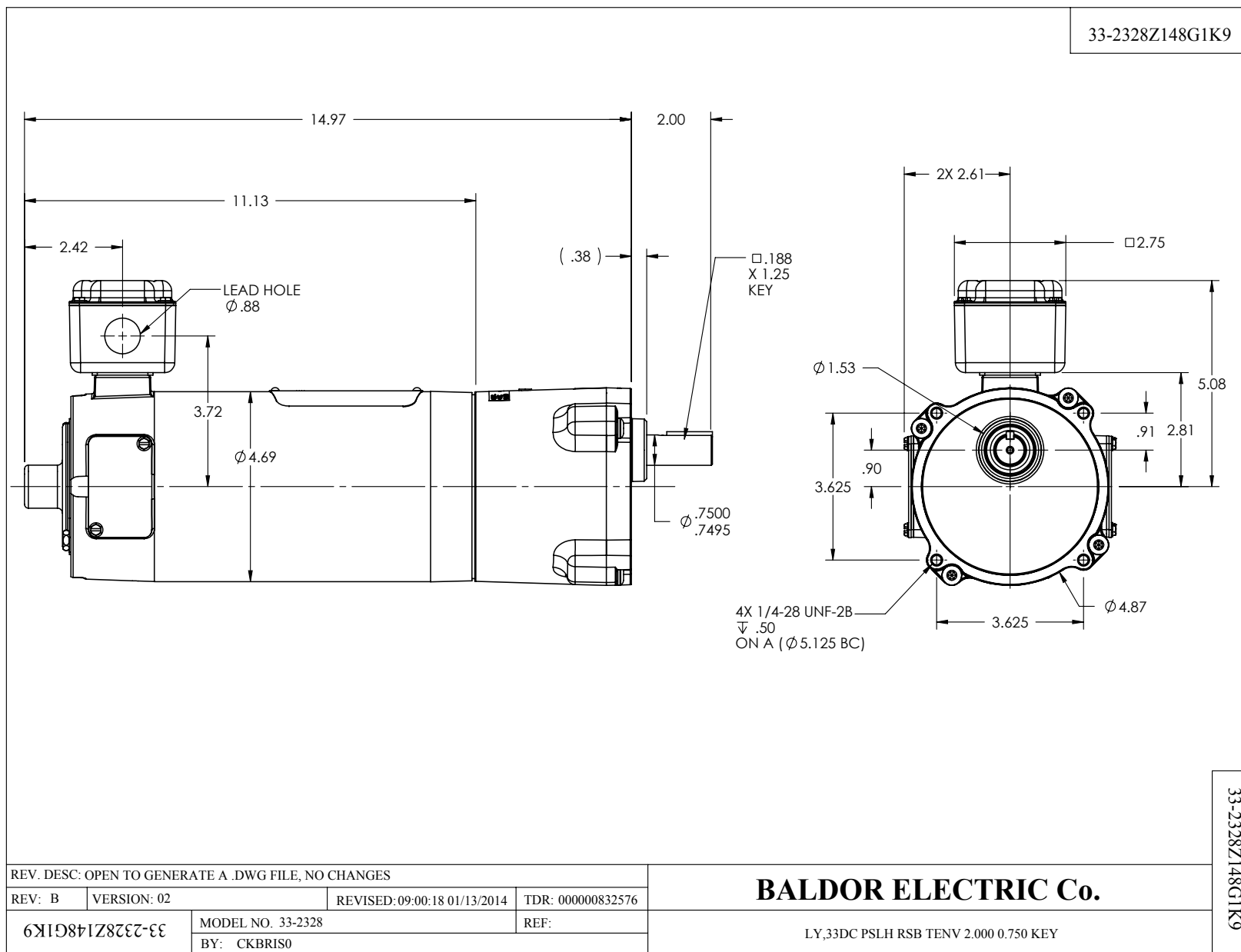
Nameplate Data		General Characteristics	
Rated Output (HP)	0.5	Armature Resistance @ 25°C	0.664 Ω
R.P.M.	2500		
Armature Volts	90	Voltage Constant	35.76 v/krpm
Armature Amps	5		
Field Volts		Armature Inductance	5.119 mH
Field Amps		Armature Inertia	6.318 LI^2
Rating - Duty	40C AMB-CONT		
Form Factor	1.3		
		Temp. Rise @ Rated Load	79°C

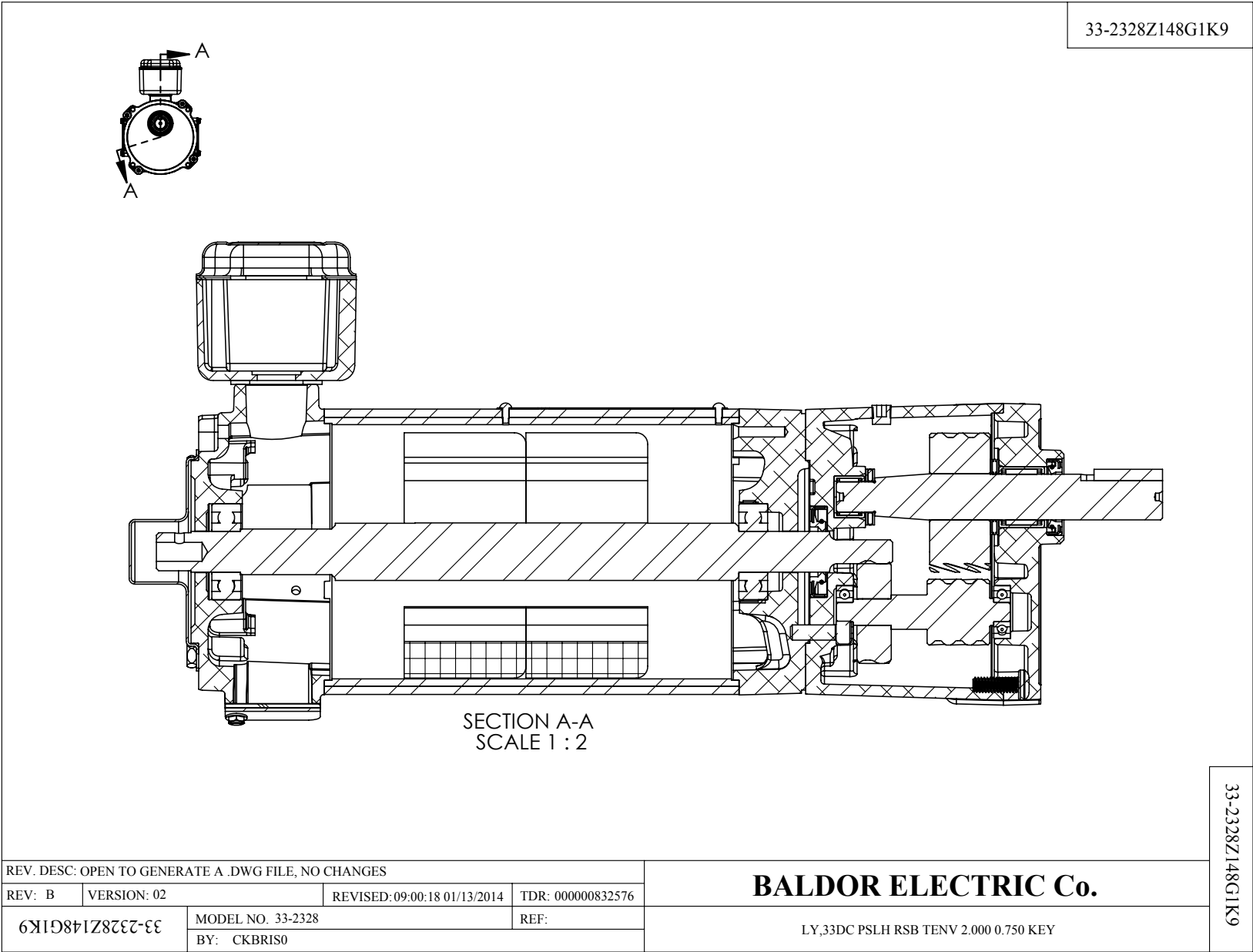
Load Characteristics at 90 Armature Volts

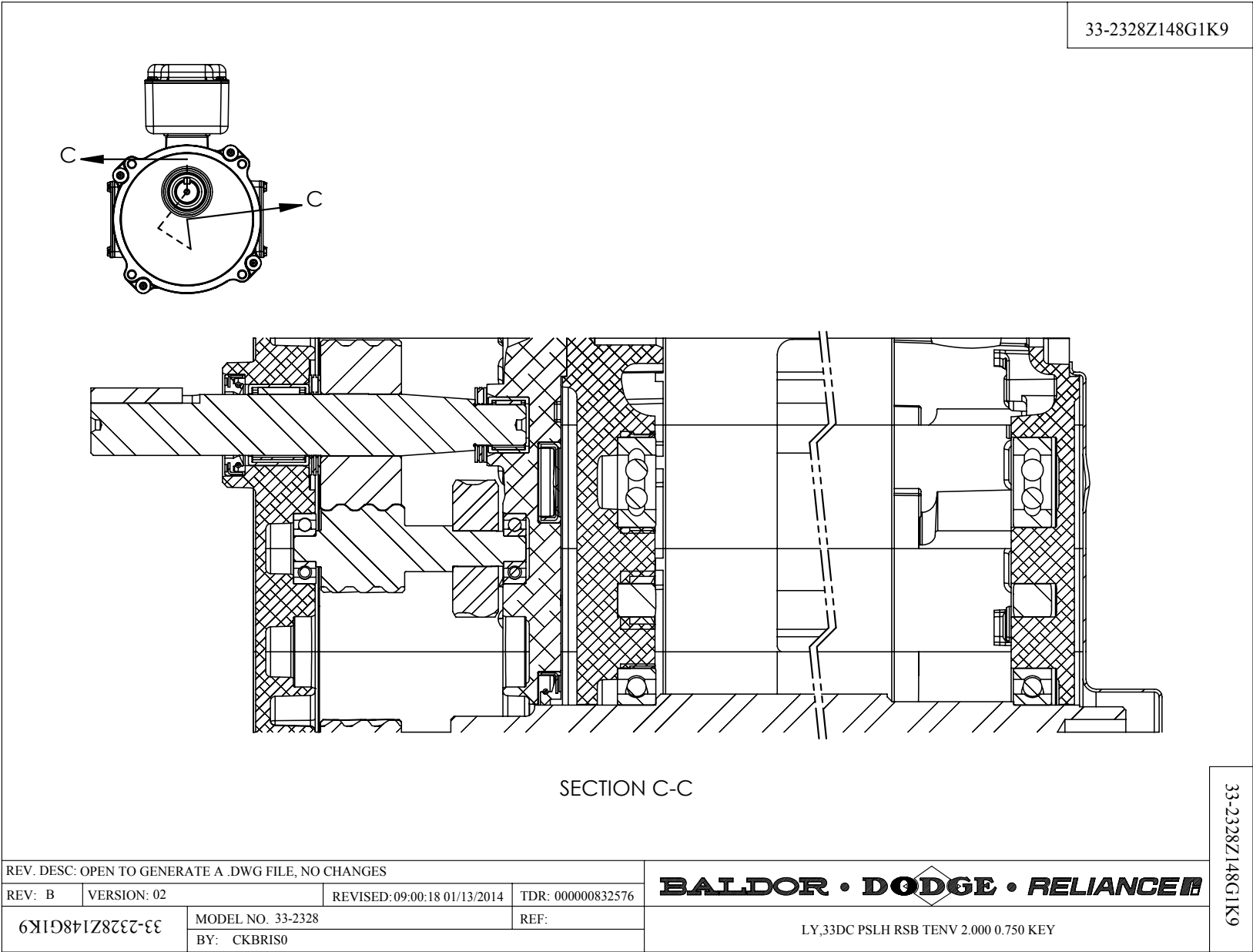
Load Point	1	2	3	4	5	6	7
Armature Amps	0.5	2.5	3.5	4.6	5.4	6.7	8.8
R.P.M.	2526	2469	2447	2426	2415	2375	2332
Torque (LB-FT)	0	0.5	0.75	1	1.25	1.5	2

Performance Graph at 90.0 Arm V, 0.5HP Typical performance - Not guaranteed values

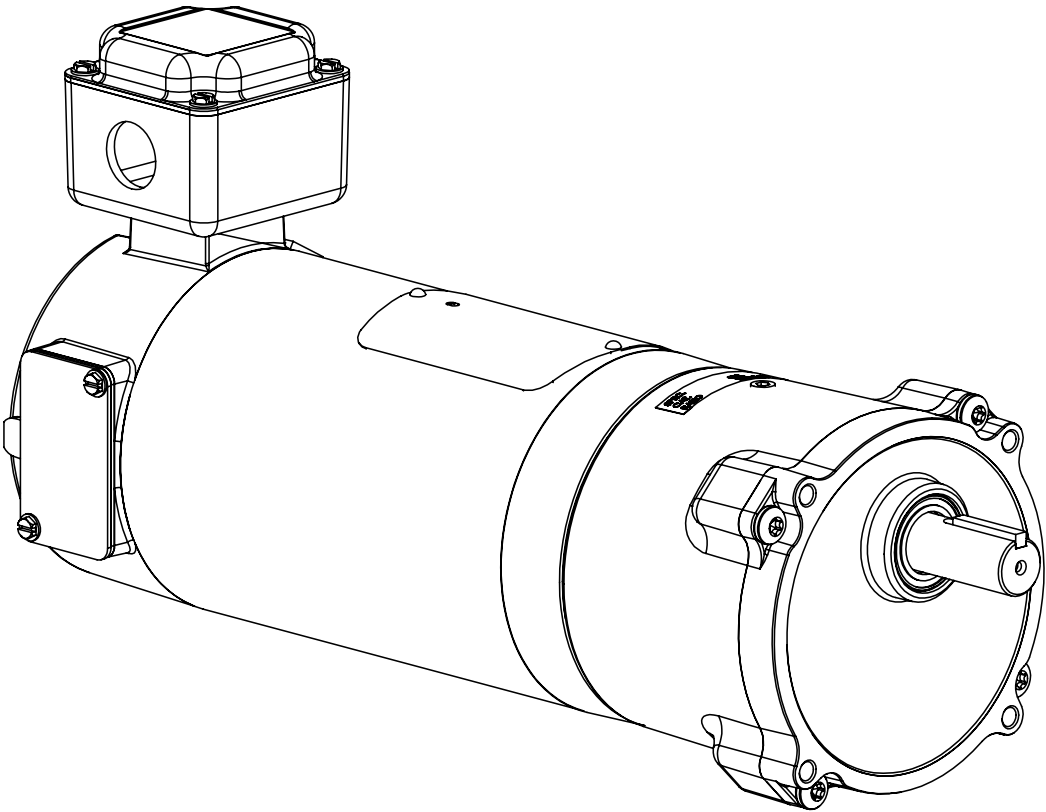








ITEM NO.	PART NUMBER	QTY.
1	327	1
	33SB3003A03	1
	33SB9003C01	1
	PM1014	4
	33EP3303A	1
	33EP3101A04	1
	33SH0479C01	1
	33CB4501A01	2
	33GS1005A01	2
	HA6887	1
	33GS1006A01	1
	33CB3001	1
	34GS1001	1
	34CB4512	1
	51XW0832A07	8
	NP0000	1
	85XU0407A04	2
	10XN2520A06	2
	BG6203	2
2	HG0080A01	1
3	HW4600C70	1
4	HW3064E05	1
5	BH1163A02	1
6	HA4021A05	1
7	84XN2520J12	4
8	CG0012A01	1
9	BH1163A03	1
10	HW4600D39	1
11	60XM2520A12	4
12	BMH1910	1
13	NP1286A09	1
14	SG0045A99	1
	GE0079B58	1
	SH0106A38	1
	BH1166A02	1
	BH1166A01	1
	BH1108A02	2
	BH1108A04	2
15	SG0045A95	1
	GE0079B57	1
	GE0079B44	1
	BG6608	2



33-2328Z148G1K9

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REV. DESC: OPEN TO GENERATE A .DWG FILE, NO CHANGES

REV: B	VERSION: 02	REVISED: 09:00:18 01/13/2014	TDR: 000000832576
33-2328Z148G1K9		MODEL NO. 33-2328	REF:
		BY: CKBRIS0	

BALDOR ELECTRIC Co.

LY_33DC PSLH RSB TENV 2.000 0.750 KEY

