

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:		Prod. Type:		Elec. Spec:		CD Diagram:	
Enclosure:	TENV	Mfg Plant:		Mech. Spec:		Layout:	33-2328Z148G1K9
Frame:	PSLH	Mounting:		Poles:		Created Date:	05-07-2009
Base:		Rotation:	R	Insulation:		Eff. Date:	05-06-2016
Field Type:		Literature:		Elec. Diagram:		Replaced By:	

Nameplate NP1286A09			
SPEC.	33-2328Z148G1K9		
CAT.	GPP3340	SER.	
RATIO	30:1	TORQ/LI	337

Parts List		
Part Number	Description	Quantity
33-2328Z148G1	.5HP,2500RPM,DC,42CZ,3327P,TENV,F1,N	1.000 EA
HG0080A01BG	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
BGS01238	SHAFT,ASSY PSLH LONG INT1 3RED 2.0/5.0	1.000 EA
BGS01239	SHAFT,ASSY PSLH LONG INT2 3RED 3.0/2.0	1.000 EA
BGS01219	SHAFT,ASSY PSLH LONG OUTP 3RED 0.0/3.0	1.000 EA
CG0012A01BG	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	0.112 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
CPA1001	PACKING GROUP OVERSIZED SINGLE	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
BC140	CS2934A,120/240VAC .5/1-HP SCR CTL,NEMA	E9
BC140-FBR	3479G KBMD-240D w/FBR CN3000A54	E9
BR0025	PLUG IN RESISTOR,0.025 ohm	E9

DC Motor Performance Data

Record # 352 - Typical performance - not guaranteed values

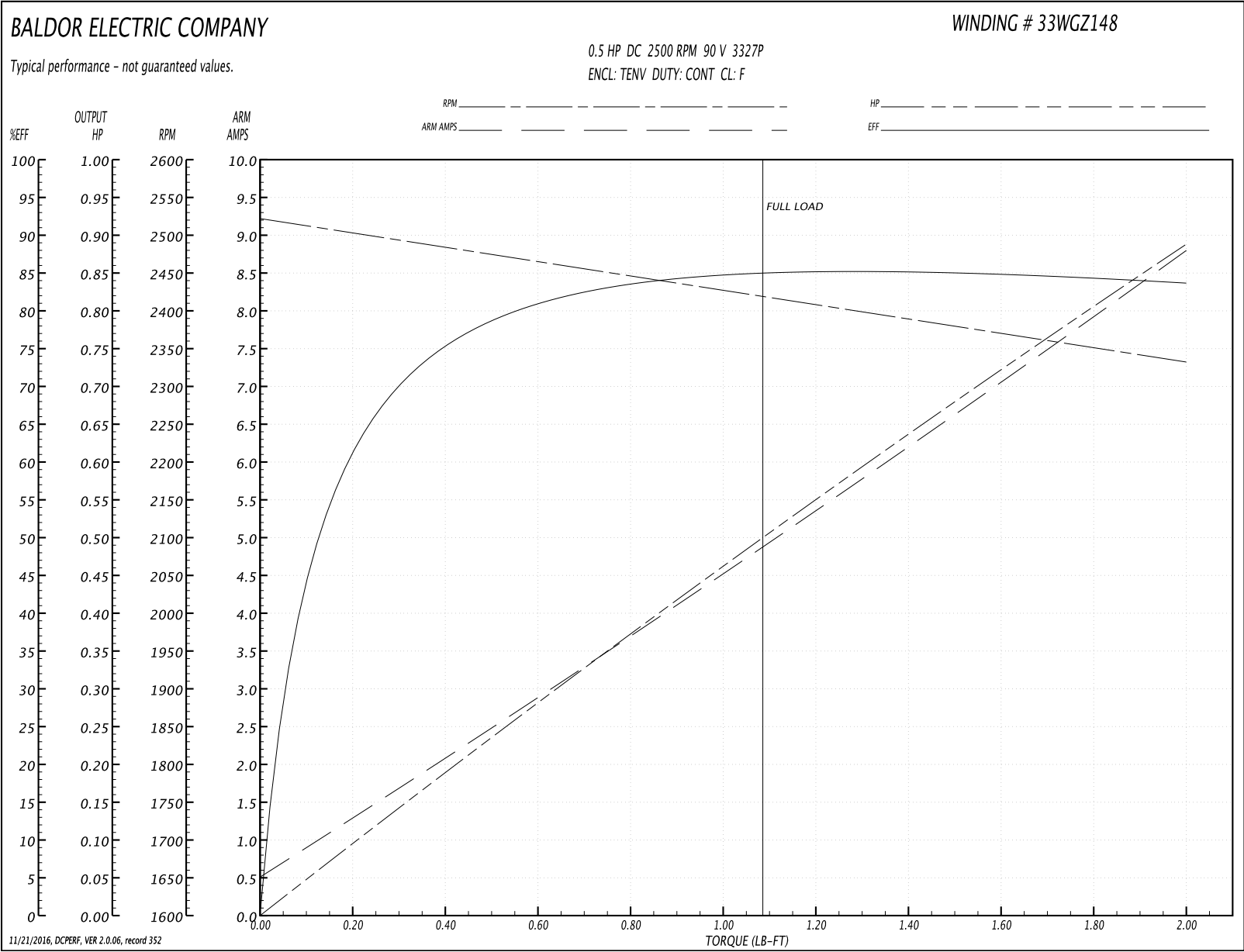
Winding: 33WGZ148-R002	Type: 3327P	Enclosure: TENV
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Nameplate Data		General Characteristics	
Rated Output (HP)	0.5	Armature Resistance @ 25°C	0.664 Ω
R.P.M.	2500		
Armature Volts	90	Voltage Constant	35.76 v/krpm
Armature Amps	5		
Field Volts		Armature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

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



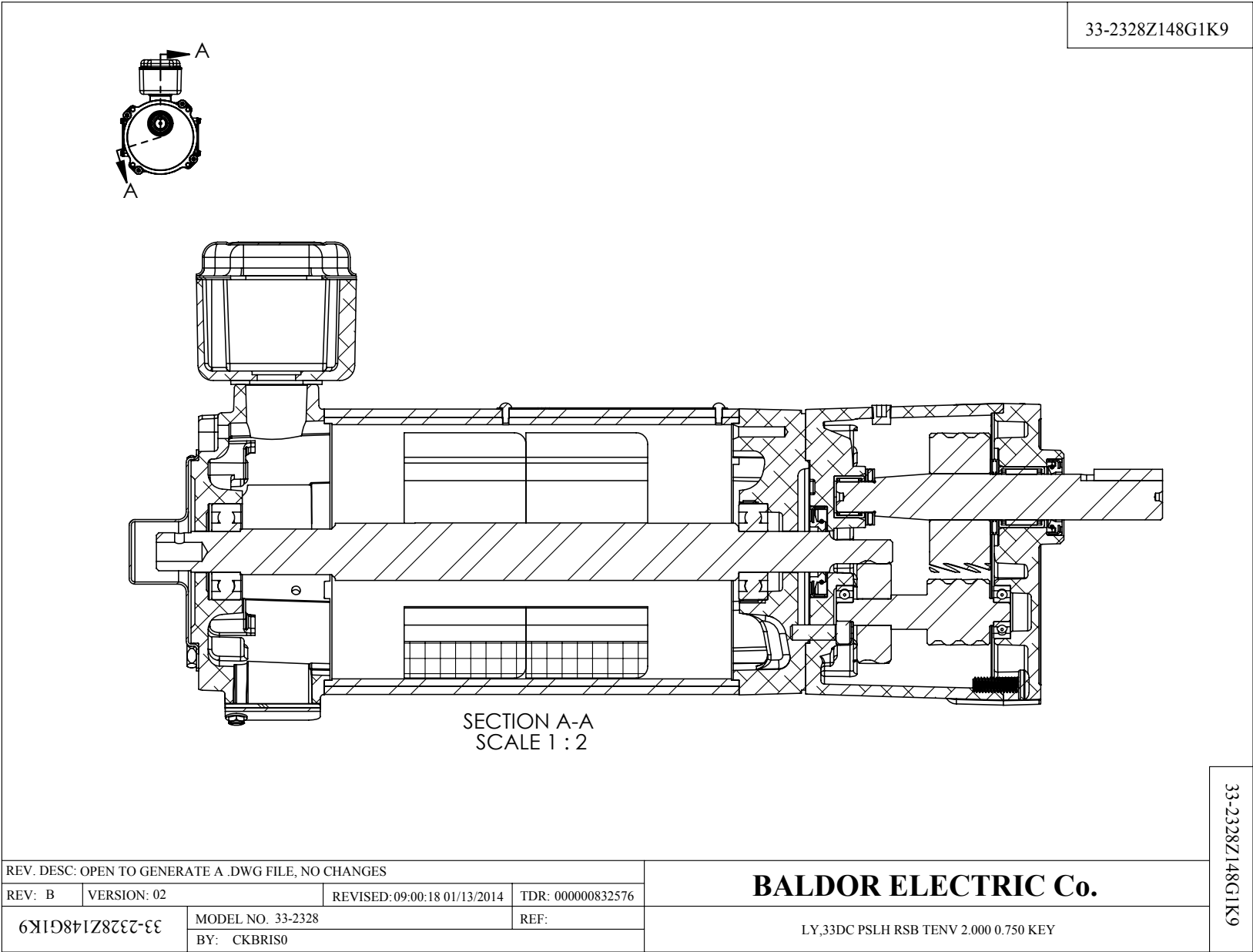


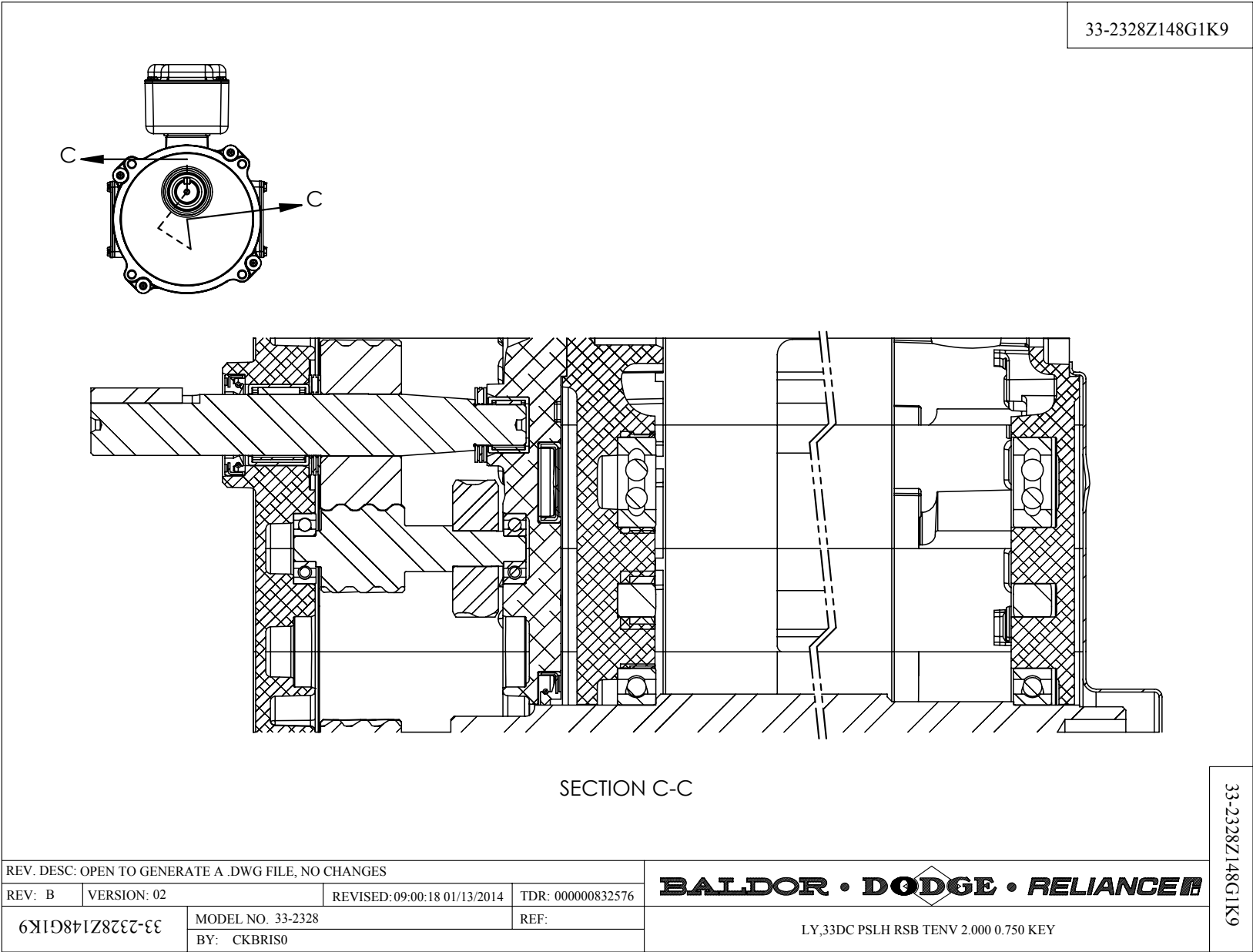
REV: B	VERSION: 02	REVISED: 09:00:18 01/13/2014	TDR: 000000832576
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33-2328Z148G1K9	MODEL NO. 33-2328	REF:
	BY: CKBRIS0	

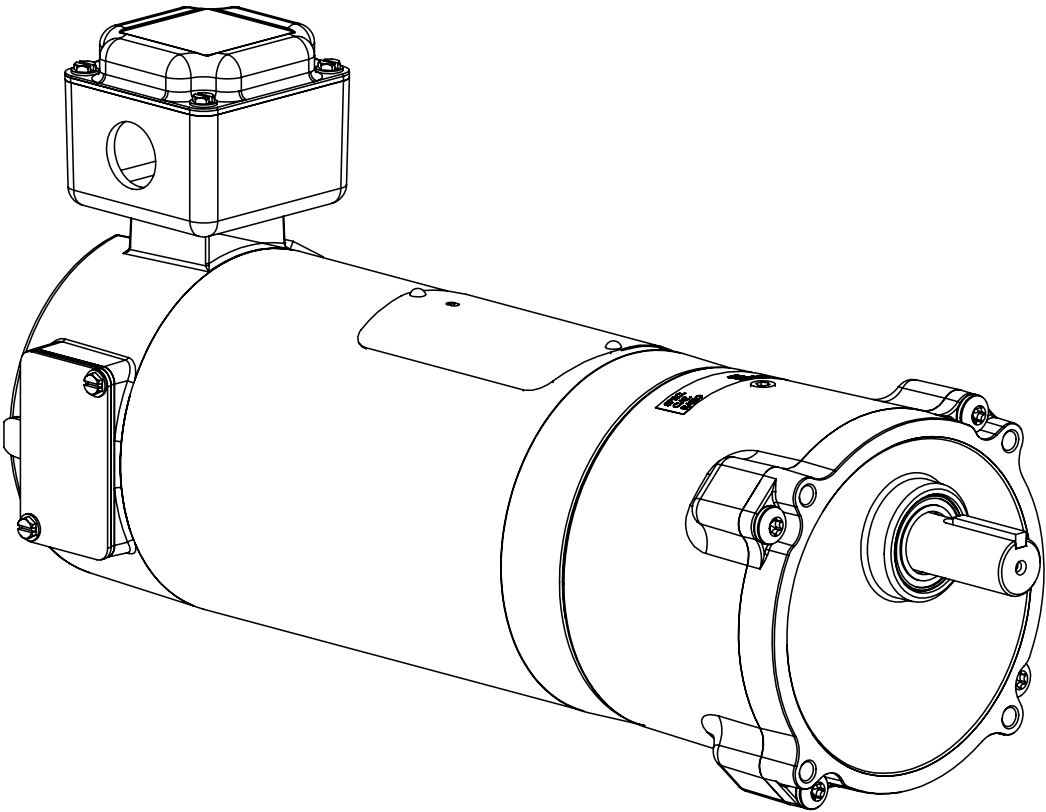
BALDOR ELECTRIC Co.

LY,33DC PSLH RSB TENV 2.000 0.750 KEY





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



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

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