

BALDOR® • RELIANCE

Product Information Packet

GLP3336

.33HP,1725RPM,1PH,60HZ,PSLH,3324L,TEFC,

Part Detail							
Revision:	H	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3324L	Elec. Spec:	33WGW181	CD Diagram:	CD0001A10
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:		Layout:	33E883W181G2
Frame:	PSLH	Mounting:		Poles:	04	Created Date:	07-28-2014
Base:		Rotation:	R	Insulation:	F	Eff. Date:	09-28-2016
Leads:	6#18					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1220A07

CAT.NO.	GLP3336				
SER.NO					
SPEC.	33E883W181G2				
HP	.33	TE			
VOLTS	115/208-230				
AMP	6.2/3.3-3.1				
HZ	60		PH	1	
AMB.	40		DUTY	CONT	
CAP	130		CODE	K	
SER.F.	1.00			CLASS	F
R.P.M.	172.5				
TORQ/IN LB	109				
RATIO	10:1				
APRV-CSA			APRV-UL		

Parts List		
Part Number	Description	Quantity
SA309302	SA 33E883W181G2	1.000 EA
RA296647	RA 33E883W181G2	1.000 EA
EC1130A02SP	ELEC CAP, 130-156 MFD, 125V, 1.48D X 3.3	1.000 EA
LC0001	CONN LABEL TYPE L, 6 LEAD, DUAL VOLTS, R	1.000 EA
HG0077A12F	HSG,PSL EP 33AC SHORT HOUSING	1.000 EA
BMH1714	WASHER,PREC 1.259"X.756"X.010"	2.000 EA
HW5002A95	N5002-125 32MM BEVELED INTERNAL RET RING	1.000 EA
HW4600F102	SEAL, 0.563 X 0.875 X 0.188 SNGL LIP	1.000 EA
HA4021A05	1/16 NPSF-HX SOC PIPE PLUG TAPER DRY SEA	1.000 EA
HW3064E05	1/8 X 1/2 PIN DRIVE LOK TYPE H	1.000 EA
34GS1029A01	GASKET, CONDUIT BOX	1.000 EA
34CB3002C	CB CAST W/.69 DIA HOLE	1.000 EA
51XB1016A07	10-16 X 7/16 HXWSSLD SERTYB	2.000 EA
11XW1032G06	10-32X3/8 HX WSHR HD,SLTDTYPE 23,GREEN	1.000 EA
34GS1031A01	GASKET, FLAT CONDUIT BOX LID (LEXIDE)	1.000 EA
34CB4517	CB LID 4 MTG HOLES .22 DIA STAMPED, FOR	1.000 EA
51XT0832A08	8-32 X 1/2 TY23 HXWS SLDSR	4.000 EA
HA3100A47	THRUBOLT 10-32 X 7.625	2.000 EA
34CB4800SP	CAPACITOR COVER, STAMPED PRIMED	1.000 EA
34GS3000SP	GASKET, CAPACITOR BOX	1.000 EA
51XB1016A04	10-16 X 1/4 HX WA SL SR TYB (F/S)	2.000 EA
33EP3100A01SP	EP,33AC ODE GP 6203 TEFC W/DRAIN	1.000 EA
HW5109A05	WASHER, WAVE SPRING FOR 40MM BORE SMALLE	1.000 EA
SP5183	TORQ STA. SWITCH 200 SERIES MODEL 33	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
LD2004A01	ASM,1LD 18 BLK E 8.0" 2X INS FLAG	1.000 EA
LD2004A12	ASM,1LD 18 RED 8 9.0" INS FLAG TERM	1.000 EA
51XT0832A08	8-32 X 1/2 TY23 HXWS SLDSR	2.000 EA
HA4067A01	PUSH IN DRAIN FITTING (BLACK)	2.000 EA
33FN3000SP	EXTERNAL FAN, PLASTIC	1.000 EA
HW1003A08	WASHER, #8 EX TH LK, ZN (F/S)	1.000 EA
33FH4000A01SP	FAN COVER, STAMPED	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 EA
SG0045C03	SHAFT,ASSY PSLH SHORT INT1 2RED 2.50/4.0	1.000 EA
SG0045C04	SHAFT,ASSY PSL SHORT OUT 2RED 0.0/2.50	1.000 EA
CG0012A01FG	CAP, PSL GEAR HEAD	1.000 EA
RM1020A22	O-RING .070 X 4.527	1.000 EA
HW4600G71	SEAL, .750 X 1.250 X .250 SGL LIP FT802	1.000 EA
BH1163A03	SCE1212 INA NEEDLE ROLLER BBG1027	1.000 EA
60XM2520A12	SCREW,PAN TORX 1/4-20X.750 THREAD FORMIN	4.000 EA
BMH1910	KEY 3/16X3/16X1 1/8 AUTO X	1.000 EA
ME4000	.375-.75" DIA.#SW-04 WOVEN SHAFT PROTECT	0.166 FT
MJ1000B02	KLUB. GH6-460 GEAR OIL 1 GALLON	0.112 GA
MG1000G27	S-9282E MED CHARCOAL METALLIC GREY	0.030 GA
NP1220A07	NP,AC STD AD NONE V CSA UL GEAR MOTOR	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 11/14	1.000 EA
LB1119N	WARNING LABEL	1.000 EA
CPA1001	PACKING GROUP OVERSIZED SINGLE	1.000 EA

Accessories		
Part Number	Description	Multiplier
LB75	BASE, L BRACKET 34 FRAME PSL KIT BLACK	A8

AC Induction Motor Performance Data

Record # 23048 - Typical performance - not guaranteed values

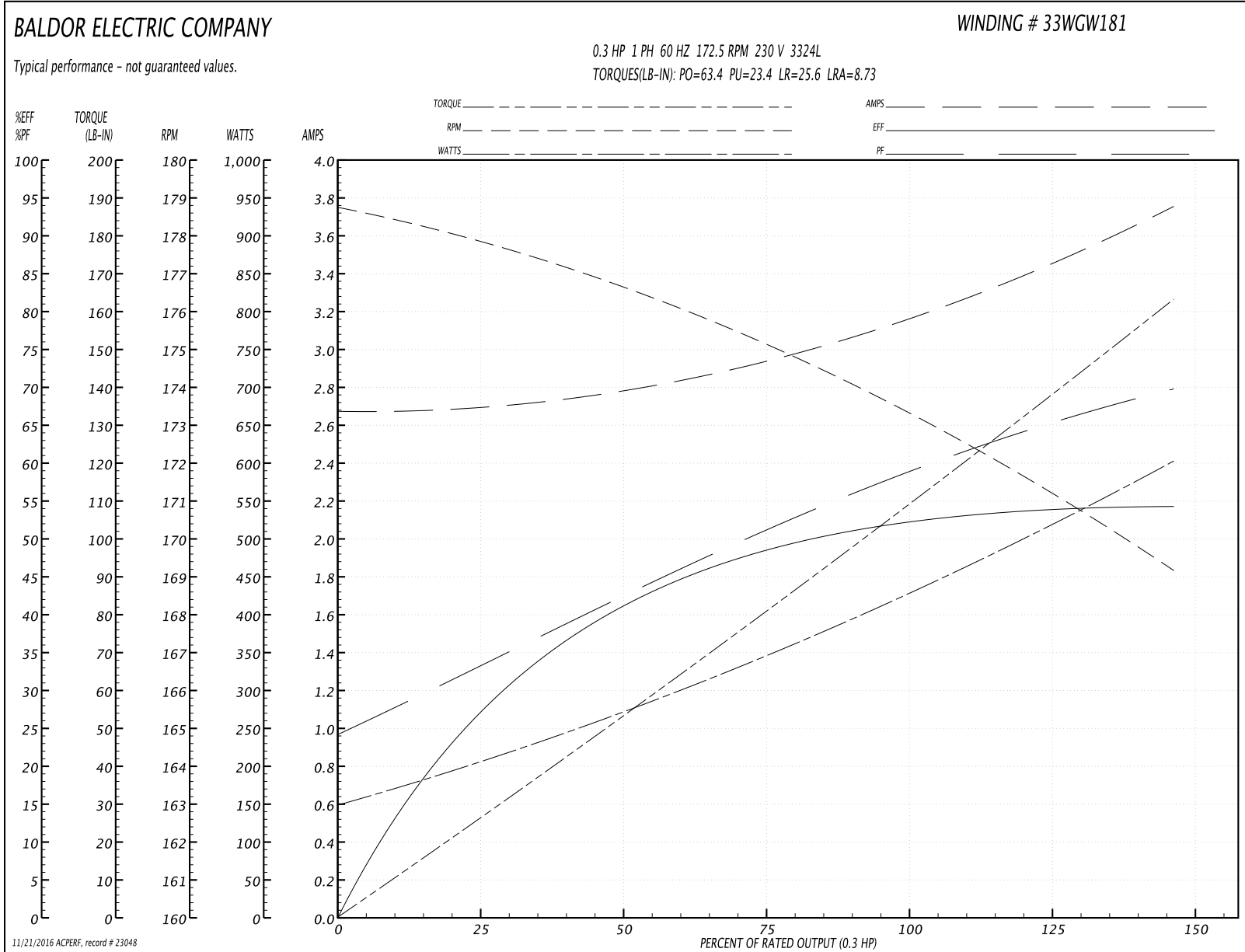
Winding: 33WGW181-R004 Gear Type: PARALLEL	Type: 3324L Gear Style: PSLH	Enclosure: TEFC Gear Ratio: 10:1
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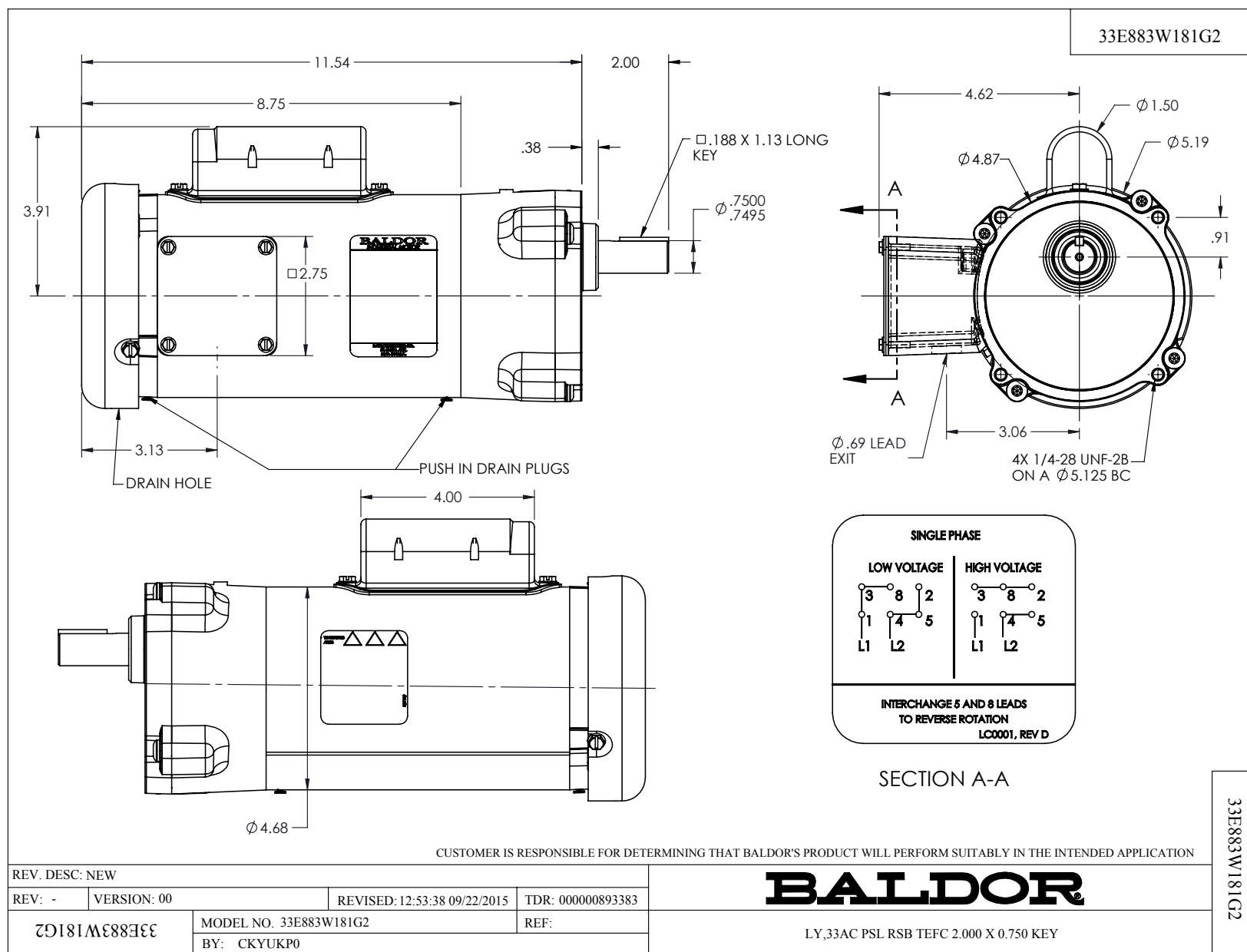
Nameplate Data				230 V, 60 Hz: Single Voltage Motor	
Rated Output (HP)	.33			Full Load Torque	109 LB-IN
Volts	230			Start Configuration	direct on line
Full Load Amps	3.1			Breakdown Torque	63.4 LB-IN
R.P.M.	172.5			Pull-up Torque	23.4 LB-IN
Hz	60	Phase	1	Locked-rotor Torque	25.6 LB-IN
NEMA Design Code	N	KVA Code	K	Starting Current	8.73 A
Service Factor (S.F.)	1			No-load Current	2.66 A
NEMA Nom. Eff.	60	Power Factor	58	Line-line Res. @ 25°C	6.723 Ω A Ph 4.772 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	

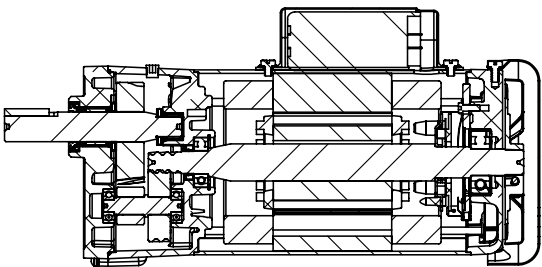
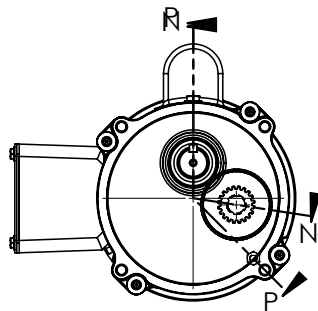
Load Characteristics 230 V, 60 Hz, 0.3 HP

% of Rated Load	25	50	75	100	125	150
Power Factor	34	43	51	59	65	70
Efficiency	27.2	41.1	48.8	52.5	54.1	54
Speed	177.8	176.5	175.1	173.4	171.4	169.1
Line amperes	2.71	2.8	2.94	3.15	3.42	3.77

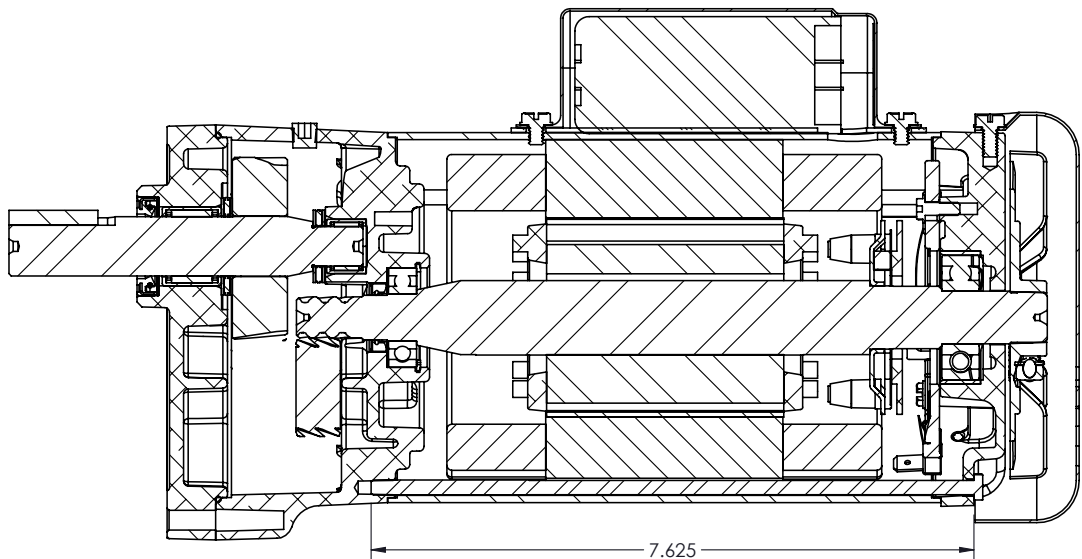
Performance Graph at 230V, 60Hz, 0.3HP Typical performance - Not guaranteed values







SECTION N-N



SECTION P-P

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION

REV. DESC: NEW			
REV: -	VERSION: 00	REVISED: 12:53:38 09/22/2015	TDR: 000000893383
33E883W181G2	MODEL NO. 33E883W181G2		REF:
	BY: CKYUKP0		

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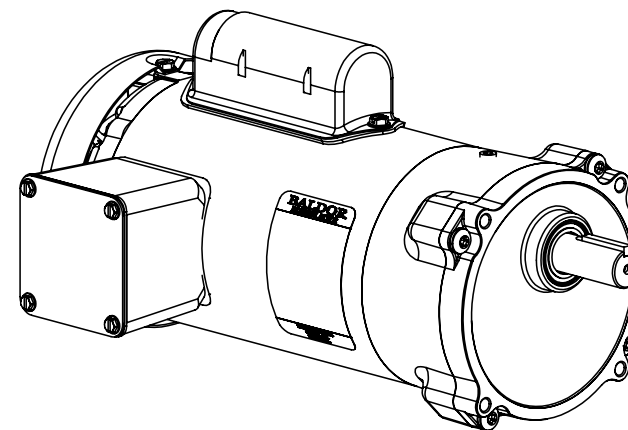
LY,33AC PSL RSB TEFC 2.000 X 0.750 KEY

33E883W181G2

33E883W181G2

ITEM NO.	PART NUMBER	QTY.
1	HG0077A12	1
2	BMH1714	2
3	BG6002	1
4	HW5002A95	1
5	HW4600F102	1
6	BH1163A02	1
7	HA4021A05	1
8	HW3064E05	1
9	33SH7257C01	1
10	33RC4124-00	1
11	RS9005	1
12	BG6203	1
13	33SA9200C105	1
14	NS2512A01	1
15	34GS1029A01	1
16	34CB3002C	1
17	51XB1016A07	2
18	51XB1016A04	2
19	51XB1016A06	3
20	11XW1032G06	1
21	34GS1031A01	1
22	34CB4517	1
23	51XT0832A07	6
24	34GS3000	1
25	34CB4800	1
26	NS2500A01	1
27	EC1130A02	1
28	33EP3100A01	1
29	HW5109A05	1
30	SP5182	1
31	HA3100A	2
32	HA4067	2
33	33FN3000	1
34	12XN0832A16	1
35	HW1003A08	1
36	XY0832A02	1
37	33FH4000A01	1
38	SG0045C03	1
39	SG0045C04	1
40	CG0012A01	1
41	RM1020A22	1
42	BH1163A03	1
43	HW4600D39	1
44	60XM2520A12	4
45	BMH1910	1
46	NP1220A	1
47	LC0001	1
48	LB1119	1

33E883W181G2



33E883W181G2

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION

REV. DESC: NEW

REV: - VERSION: 00 REVISED: 12:53:38 09/22/2015 TDR: 000000893383

33E883W181G2

MODEL NO. 33E883W181G2

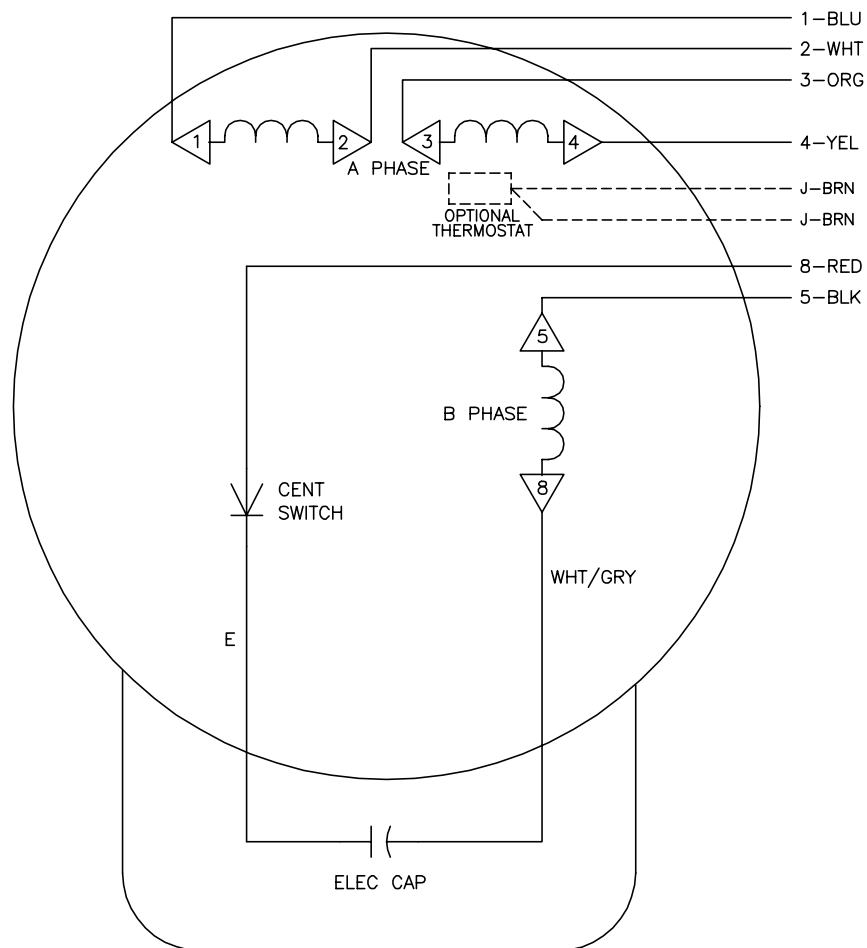
BY: CKYUKP0

REF:

BALDOR

LY,33AC PSL RSB TEFC 2.000 X 0.750 KEY

CD0001A10



	LINE A	LINE B	JOIN
HIGH STD	1	4,5	2,3,8
HIGH OPP	1	4,8	2,3,5
LOW STD	1,3,8	2,4,5	—
LOW OPP	1,3,5	2,4,8	—

NOTES:

1. STANDARD ROTATION IS CCW FACING LEAD END
2. OPTIONAL THERMOSTAT IS PROVIDED WHEN SPECIFIED.
3. MULTIPLE CAPACITORS ARE CONNECTED IN PARALLEL UNLESS OTHERWISE SPECIFIED.
4. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.
5.  = MAGNET WIRE COIL END WITH I.D. NUMBER

REV. DESC: NEW	VERSION: 00	TDR: 000000435106
REV. LTR: —	FILE: \CKA\00032\277	REVISED: 10:15:16 06/19/2007
01V100000	MTL: —	BY: CKNATLO

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TYPE L, DV, REV, 6 LD, CK

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