



# **BALDOR® • *RELIANCE***

## **Product Information Packet**

### **L3353**

**.13HP,1725RPM,1PH,60HZ,42,3313L,TEFC,F1**

Product Detail							
Revision:	V	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod Type:	3313L	Elec. Spec:	33WG0934	CD Diagram:	CD0001A10
Enclosure	TEFC	Mfg Plant:		Mech Spec:		Layout:	33LY0850
Frame:	42	Mounting:	F1	Poles:	04	Created Date:	06-25-2007
Base:		Rotation:	R	Insulation:	B	Eff. Date:	09-16-2008
Leads:	6#18	Literature:		Elec. Diagram:		Replaced By:	

Nameplate NP1256L									
CAT.NO.	L3353								
SPEC.	33-850-934								
HP	.13								
VOLTS	115/230								
AMP	3.1/1.55								
RPM	1725								
FRAME	42	HZ			60	PH	1		
SER.F.	1.40	CODE			M	DES	-	CLASS	B
NEMA-NOM-EFF	47	PF			55				
RATING	40C AMB-CONT								
CC				USABLE AT 208V		1.9			
DE	6203	ODE							
ENCL	TEFC	SN							
	SFA 3.6/1.8								

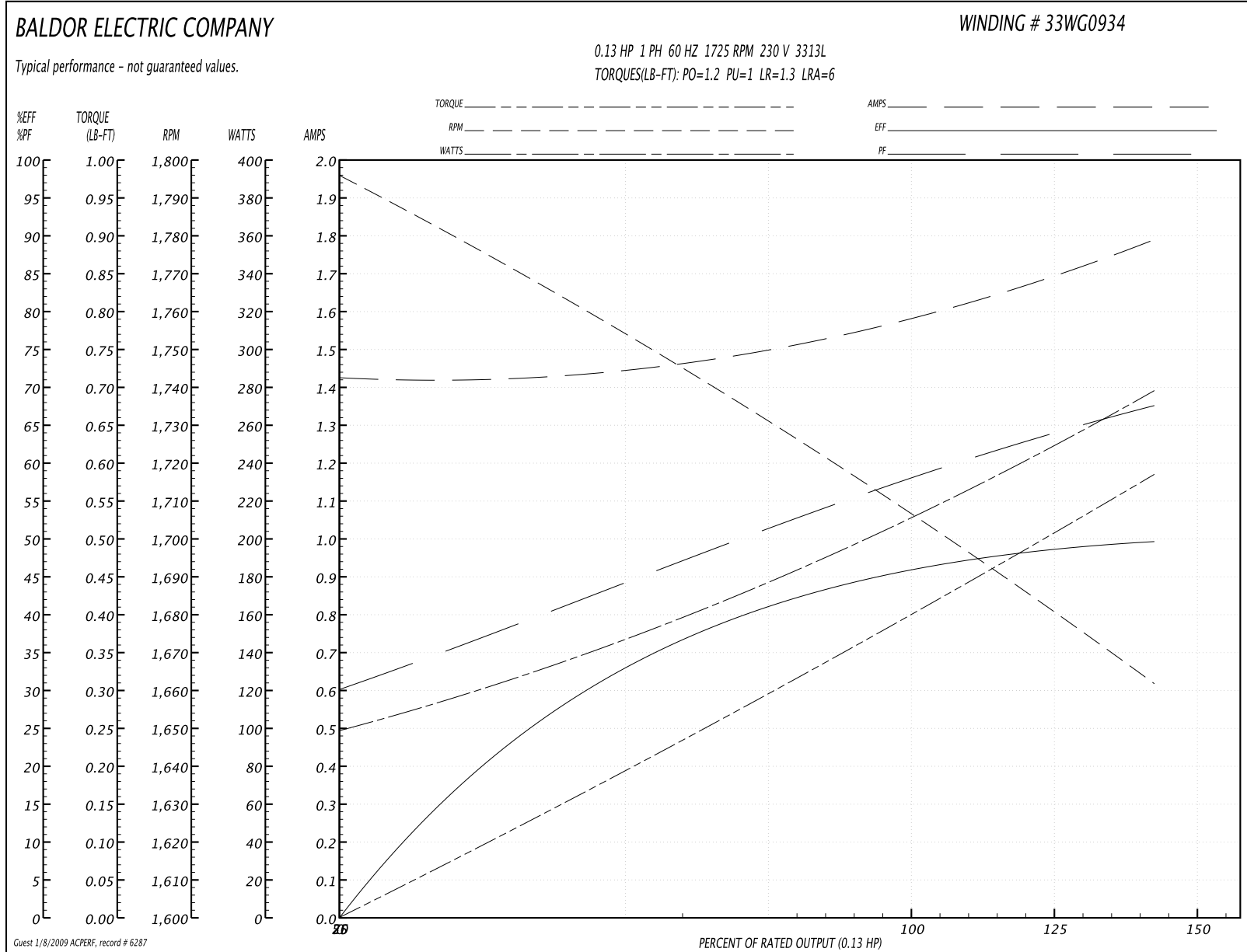
<b>Parts List</b>			
<b>Product ID</b>	<b>Description</b>	<b>Quantity</b>	<b>List Price</b>
SA007363	SA 33-850-934	1.000	142.00
RA003810	RA 33-850-934	1.000	118.00
EC1088A02	ELEC CAP, 88-106 MFD, 125V, 1.48D X 3.	1.000	13.00
34CB3002A64	CB W/.69 DIA @ 6	1.000	11.00
34GS1029A01	GASKET, CONDUIT BOX	1.000	2.00
51XB1016A07	10-16 X 7/16 HXWSSLD SERTYB	2.000	2.00
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000	3.00
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000	2.00
34CB4800SP	CAPACITOR COVER, STAMPED X X	1.000	20.00
34GS3000SP	GASKET, CAPACITOR BOX X X	1.000	3.00
51XB1016A04	10-16 X 1/4 HX WA SL SR TYB (F/S)	2.000	2.00
HW5100A03SP	WAVY WASHER (W1543-017)	1.000	2.00
LC0001	CONN LABEL TYPE L, 6 LEAD, DUAL VOLTS, R	1.000	2.00
33EP3100A02	PU ENDPLATE, MACH	1.000	49.00
XY1032A02	10-32 HEX NUT DIRECTIONAL SERRATION	2.000	2.00
33FN3000SP	EXTERNAL FAN, PLASTIC	1.000	16.00
HW1003A08	WASHER, #8 EX TH LK, ZN (F/S)	1.000	2.00
33FH4001A01	FAN COVER, STAMPED	1.000	29.00
11XT1032A06	10-32 X 3/8 HX WSHR HD SLTD TYPE 23	3.000	3.00
34CB4517	CB LID 4 MTG HOLES .22 DIA STAMPED, FOR	1.000	5.00
34GS1031A01	GASKET, FLAT CONDUIT BOX LID (LEXIDE)	1.000	2.00
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000	2.00
33EP3100A01SP	EP,33AC ODE GP 6203 TEFC W/DRAIN	1.000	52.00
SP5073SP	MODEL 33 SINGLE PHASE STATIONARY SWITCH	1.000	23.00

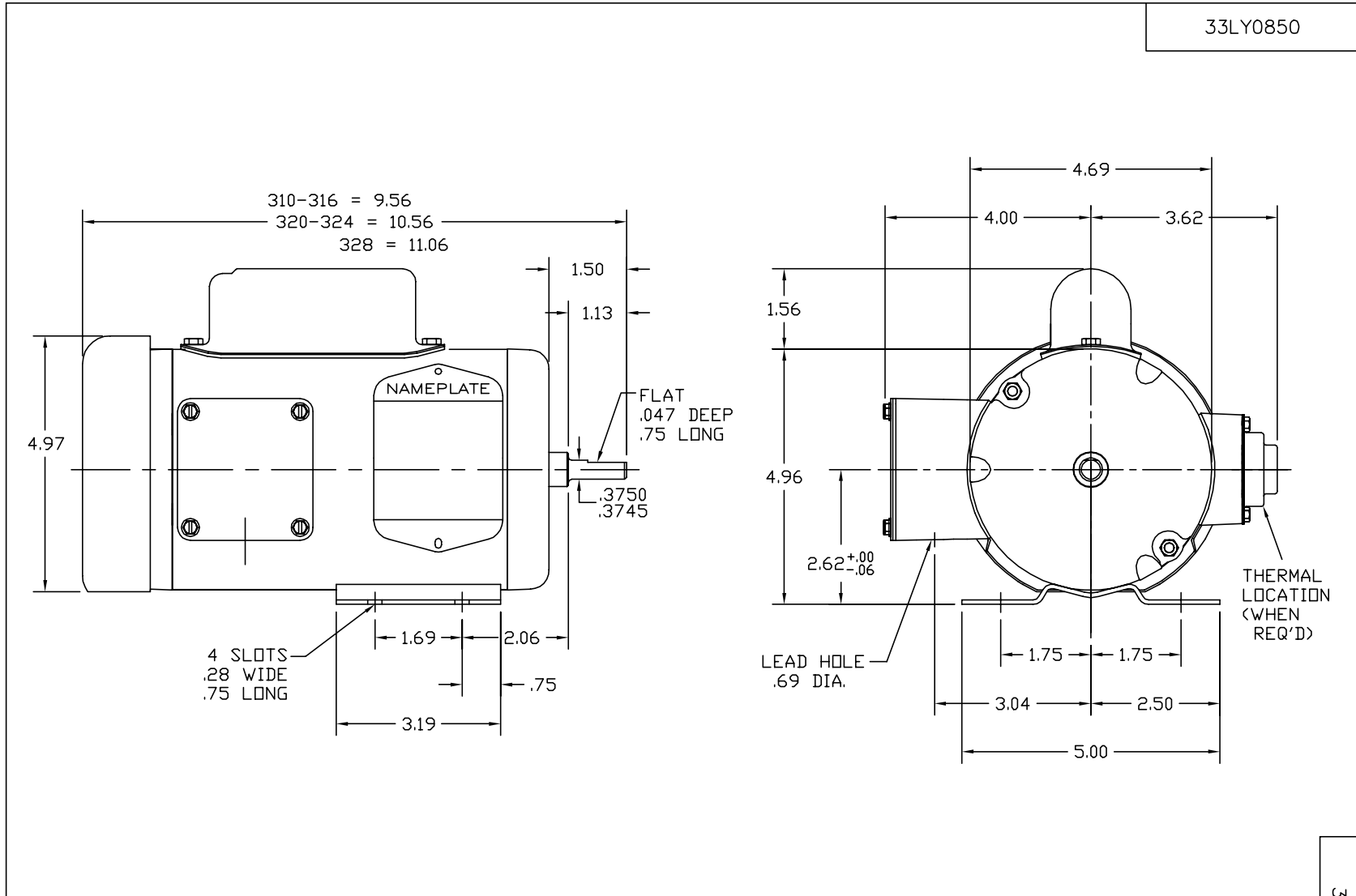
<b>Parts List (continued)</b>			
<b>Product ID</b>	<b>Description</b>	<b>Quantity</b>	<b>List Price</b>
LD2004A01	ASM,1LD 18 BLK E 4.5" INS & NON-INS FLAG	1.000	4.00
LD2004A13	ASM,1LD 18 RED 8 11.0" INS FLAG TERM	1.000	4.00
12XN0832A16	8-32 X 1.00" SLT HEX HD ZINC PLATED	1.000	2.00
XY0832A02	8-32 HEX NUT	1.000	2.00
HA3100A11	THRUBOLT 10-32 X 6.750	2.000	4.00
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000	2.00
NP1256L	NP STD LASER ENGRAVED, UL CSA CC, W/O TH	1.000	3.00
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000	2.00
LB1119	WARNING LABEL	1.000	2.00
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.013	4,000.00
34PA1002	PACKING GROUP, BALDOR	1.000	13.00

**Performance Data at 230V, 60Hz, 0.13HP (Typical performance - Not guaranteed values)**

General Characteristics							
<b>Full Load Torque:</b>	0.39 LB-FT			<b>Start Configuration:</b>	DOL		
<b>No-Load Current:</b>	1.42 Amps			<b>Break-Down Torque:</b>	1.2 LB-FT		
<b>Line-line Res. @ 25°C.:</b>	19.1 Ohms A Ph / 12.5 Ohms B Ph			<b>Pull-Up Torque:</b>	1.0 LB-FT		
<b>Temp. Rise @ Rated Load:</b>	64°C			<b>Locked-Rotor Torque:</b>	1.3 LB-FT		
<b>Temp. Rise @ S.F. Load:</b>	74°C			<b>Starting Current:</b>	6.0 Amps		
Load Characteristics							
<b>% of Rated Load:</b>	<b>25</b>	<b>50</b>	<b>75</b>	<b>100</b>	<b>125</b>	<b>150</b>	<b>S.F.</b>
<b>Power Factor:</b>	38.0	45.0	50.0	58.0	61.0	69.0	63.0
<b>Efficiency:</b>	19.4	32.1	41.9	45.9	48.6	49.1	50.2
<b>Speed:</b>	1770.0	1754.0	1733.0	1715.0	1680.0	1663.0	1659.0
<b>Line Amperes:</b>	1.43	1.45	1.49	1.55	1.7	1.78	1.79

Performance Graph at 230V, 60Hz, 0.13HP (Typical performance - Not guaranteed values)





33LY0850

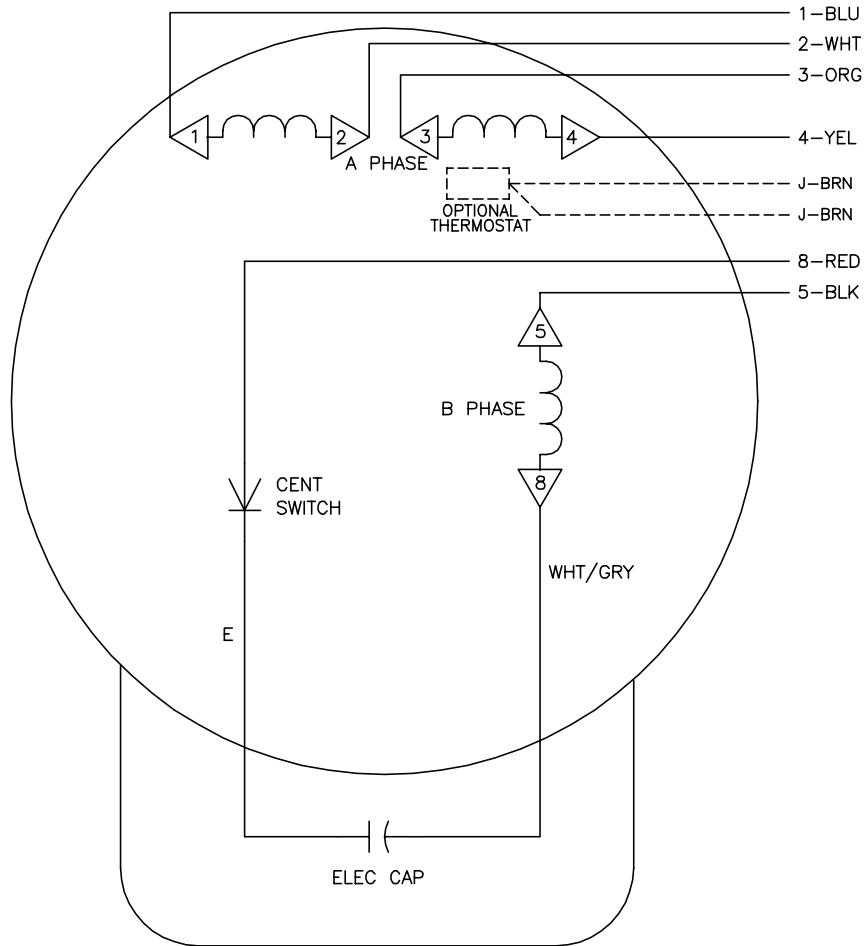
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

REV. DESC: CHG'D OVERALL DIMS DUE TO REVISED FH			
REV. LTR: M	BY: BWB	REVISED: 09:53:32 05/10/2002	TDR: 258278
0980Λ7Σ		FILE: AAA00001149	REF: 33LY0850
		MTL: -	

<b>BALDOR ELECTRIC Co.</b>
STANDARD HORZ MODEL 33L NEMA 42 TEFC

33LY0850

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

**Baldor • Dodge • Reliance**

TYPE L, DV, REV, 6 LD, CK

CD0001A10