

ABB BALDOR RELIANCE III

Customer information packet L3354

.17HP, 3450RPM, 1PH, 60HZ, 42, 3313L, TEFC, F1

Specifications

Enclosure	TEFC
Frame	42
Frame Material	Steel
Frequency	60.00 Hz
Motor Letter Type	Cap Start, Induction Run
Output @ Frequency	.170 HP @ 60 HZ
Phase	1
Synchronous Speed @ Frequency	3600 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ 115.0 V @ 60 HZ
Agency Approvals	C UR US CURUS
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Auxiliary Box Lead Termination	None
Base Indicator	Rigid
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Current @ Voltage	1.600 A @ 230.0 V 1.950 A @ 208.0 V 3.200 A @ 115.0 V
Design Code	-
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	52.0 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Feedback Signal	NONE
Front Face Code	Standard
Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	1.6 a

Part Detail

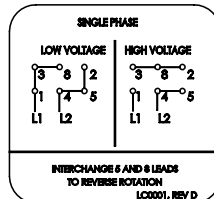
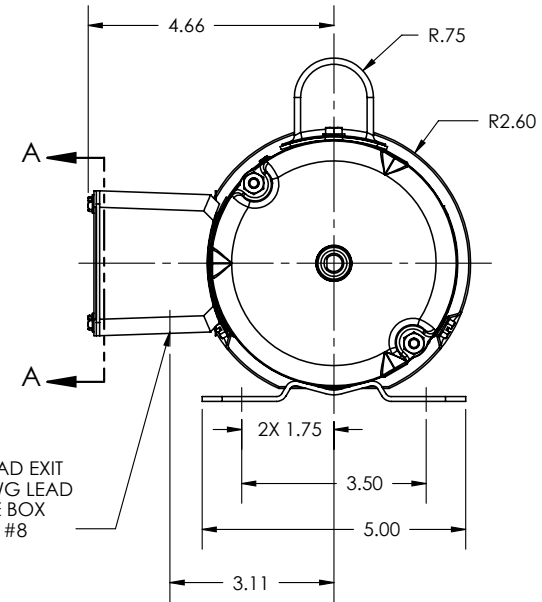
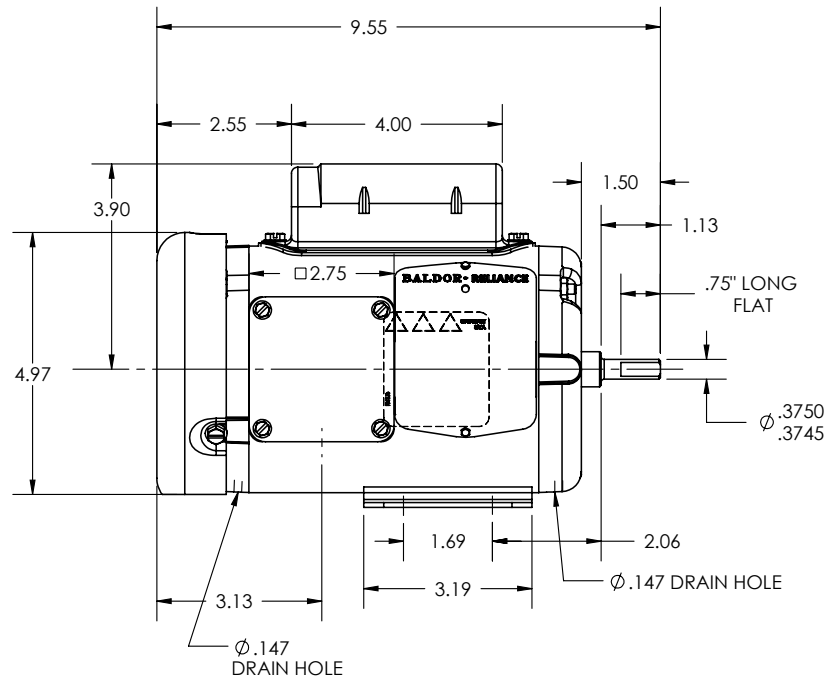
Revision	AR
Type	AC
Mech. spec.	33-850
Base	
Status	PRD/A
Elec. spec.	33WG0932
Layout	33LY0850
Eff. date	10-24-2024
CD Diagram	CD0001A10
Poles	02
Leads	6#18
Proprietary	False
Created date	06-25-2007

Insulation Class	B
Inverter Code	Not Inverter
KVA Code	N
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	No Locked Bearing
Motor Lead Exit	Ko Box
Motor Lead Quantity/Wire Size	6 @ 18 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3313L
Mounting Arrangement	F1
Number of Poles	2
Overall Length	9.56 IN
Power Factor	57
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Pulley Shaft Indicator	Standard
Rodent Screen	None
RoHS Status	ROHS COMPLIANT
Service Factor	1.35
Shaft Diameter	0.375 IN
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	3450 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None
Vibration Sensor Indicator	No Vibration Sensor
Winding Thermal 1	None
Winding Thermal 2	None

Nameplate

NP1256L									
CAT.NO.	L3354								
SPEC.	33-850-932								
HP	.17								
VOLTS	115/230								
AMP	3.2/1.6								
RPM	3450								
FRAME	42	HZ		60	PH		1		
SER.F.	1.35	CODE		N	DES	-	CLASS	B	
NEMA-NOM-EFF	52	PF		57					
RATING	40C AMB-CONT								
CC									
DE	6203	ODE		6203					
ENCL	TEFC	SN							
	SFA 3.7/1.85								

33-850-932



SECTION A-A

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

REV. DESC: CHG STATOR BAND AND THRU BOLTS

REV: A VERSION: 01 REVISED: 10:06:47 09/19/2011 TDR: 000000712859

766-058-33

MODEL NO. 33-850

BY: CKAPRB0

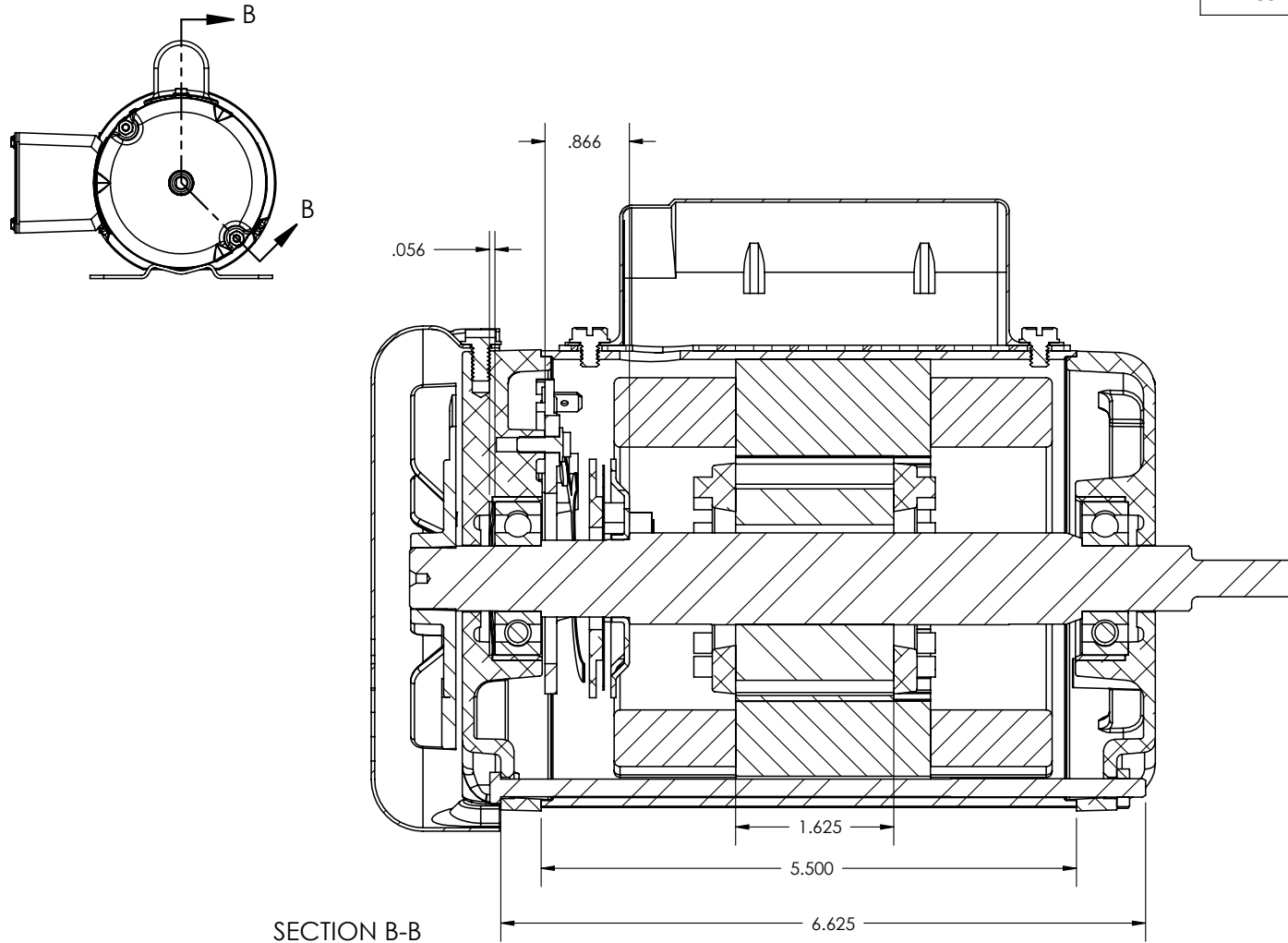
REF:

BALDOR

LY_33AC 13L 2P TEFC VER 42

33-850-932

33-850-932



REV. DESC: CHG STATOR BAND AND THRU BOLTS			
REV: A	VERSION: 01	REVISED: 10:06:47 09/19/2011	TDR: 000000712859
33-850-932		MODEL NO. 33-850	REF:
		BY: CKAPRB0	

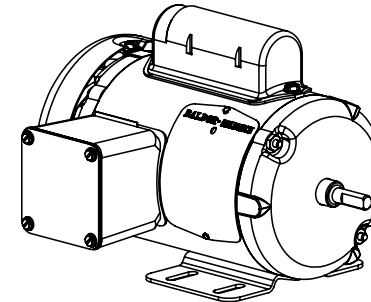
BALDOR ELECTRIC Co.

LY_33AC 13L 2P TEFC VER 42

33-850-932

ITEM NO.	PART NUMBER	33-850-932/QTY.
1	33EP3100A02	1
2	33SH7158A01	1
3	SKF - 6203 - 10,DE,NC,10_68	2
4	34RA2013A00A01	1
5	RS9005A01	1
6	33SA9210A32	1
7	33EP3100A01	1
8	HW5100A03	1
9	SP5073	1
10	51XB1016A07	2
11	51XB1016A04	2
12	NS2512A01	1
13	34GS1029	1
14	34CB3002A64	1
15	11XW1032G06	1
16	34GS1031A01	1
17	34CB4517	1
18	34GS3000	1
19	34CB4800	1
20	NS2500A01	1
21	33FN3000	1
22	12XN0832A16	1
23	XY1032A02	3
24	HW1003A08	1
25	33FH4001A01	1
26	LB1119	1
27	51XT0832A07	6
28	HA3100A79	2
29	51XB1016A06	3
30	NP1256	1
31	99XM0440S01	2
32	33f flex horizontal	1

33-850-932



33-850-932

REV. DESC: CHG STATOR BAND AND THRU BOLTS

REV: A VERSION: 01 REVISED: 10:06:47 09/19/2011 TDR: 000000712859

7E6-0S8-EE

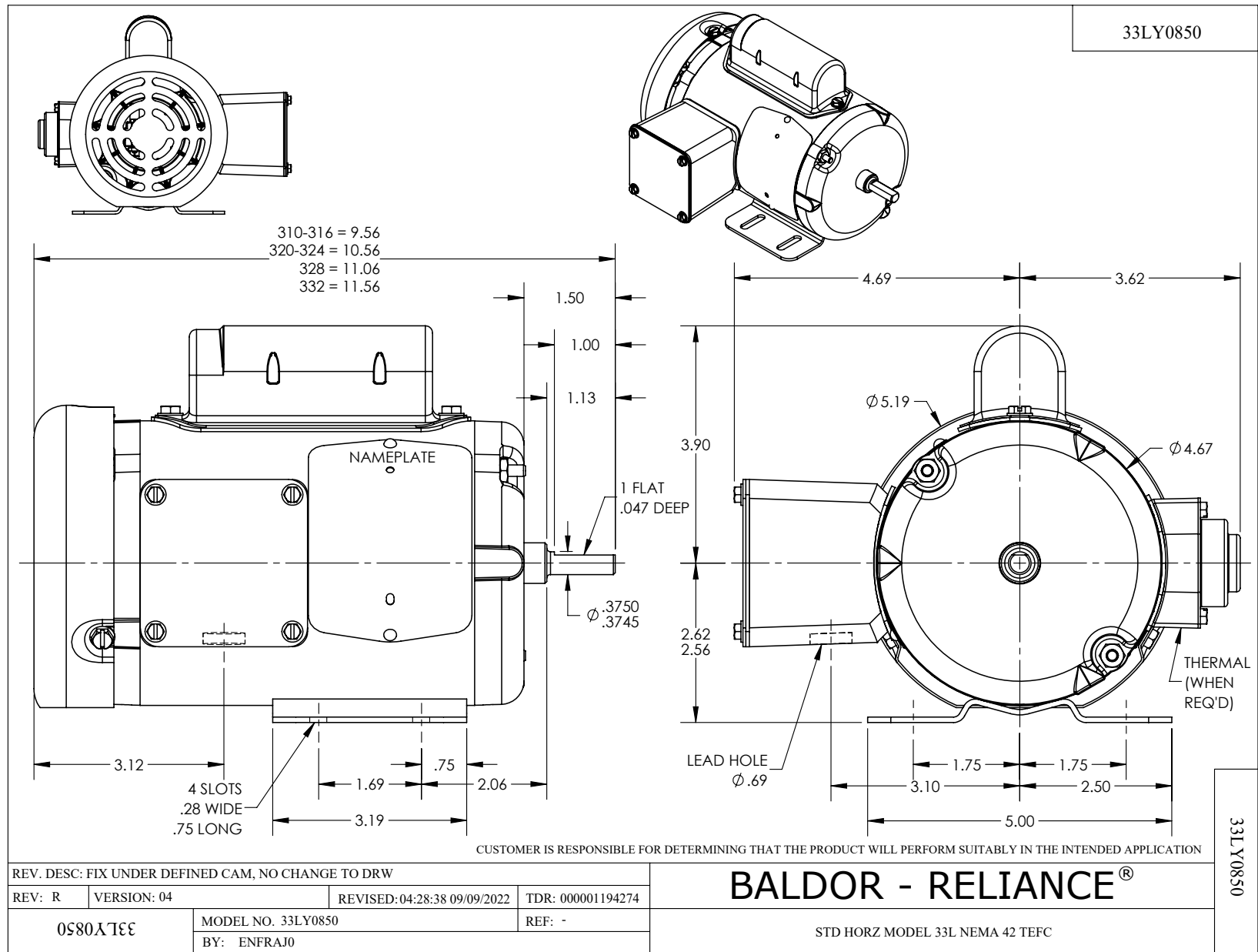
MODEL NO. 33-850

BY: CKAPRB0

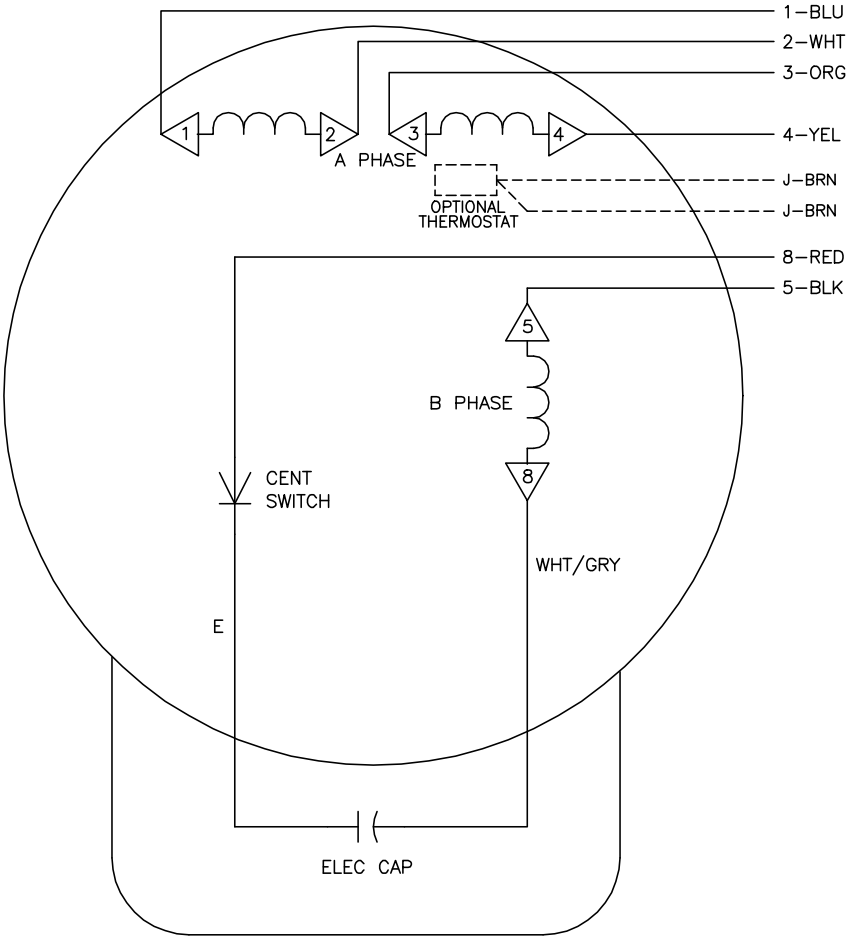
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BALDOR ELECTRIC Co.

LY_33AC 13L 2P TEFC VER 42



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
01A10000C	MTL: —	BY: CKNATLO

Baldor • Dodge • Reliance

TYPE L, DV, REV, 6 LD, CK

CD0001A10