

BALDOR® • RELIANCE™

Customer information packet 10142

850/3450RPM, 3PH, 50/60HZ, 42C, 3313M

Specifications

Enclosure	TEFC
Frame	42C
Frame Material	Steel
Frequency	50.00 Hz 60.00 Hz
Motor Letter Type	Three Phase
Output @ Frequency	.170 HP @ 50 HZ .170 HP @ 60 HZ
Phase	3
Synchronous Speed @ Frequency	3000 RPM @ 50 HZ
Voltage @ Frequency	230.0 V @ 60 HZ 230.0 V @ 50 HZ 208.0 V @ 60 HZ 208.0 V @ 50 HZ 460.0 V @ 50 HZ 460.0 V @ 60 HZ
Agency Approvals	CSA UR
Ambient Temperature	40 °C
Auxillary Box	No Auxillary Box
Auxillary Box Lead Termination	None
Base Indicator	No Mounting
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Current @ Voltage	.730 A @ 208.0 V .660 A @ 230.0 V .330 A @ 460.0 V .330 A @ 230.0 V
Design Code	B
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	56.0 %

Part detail

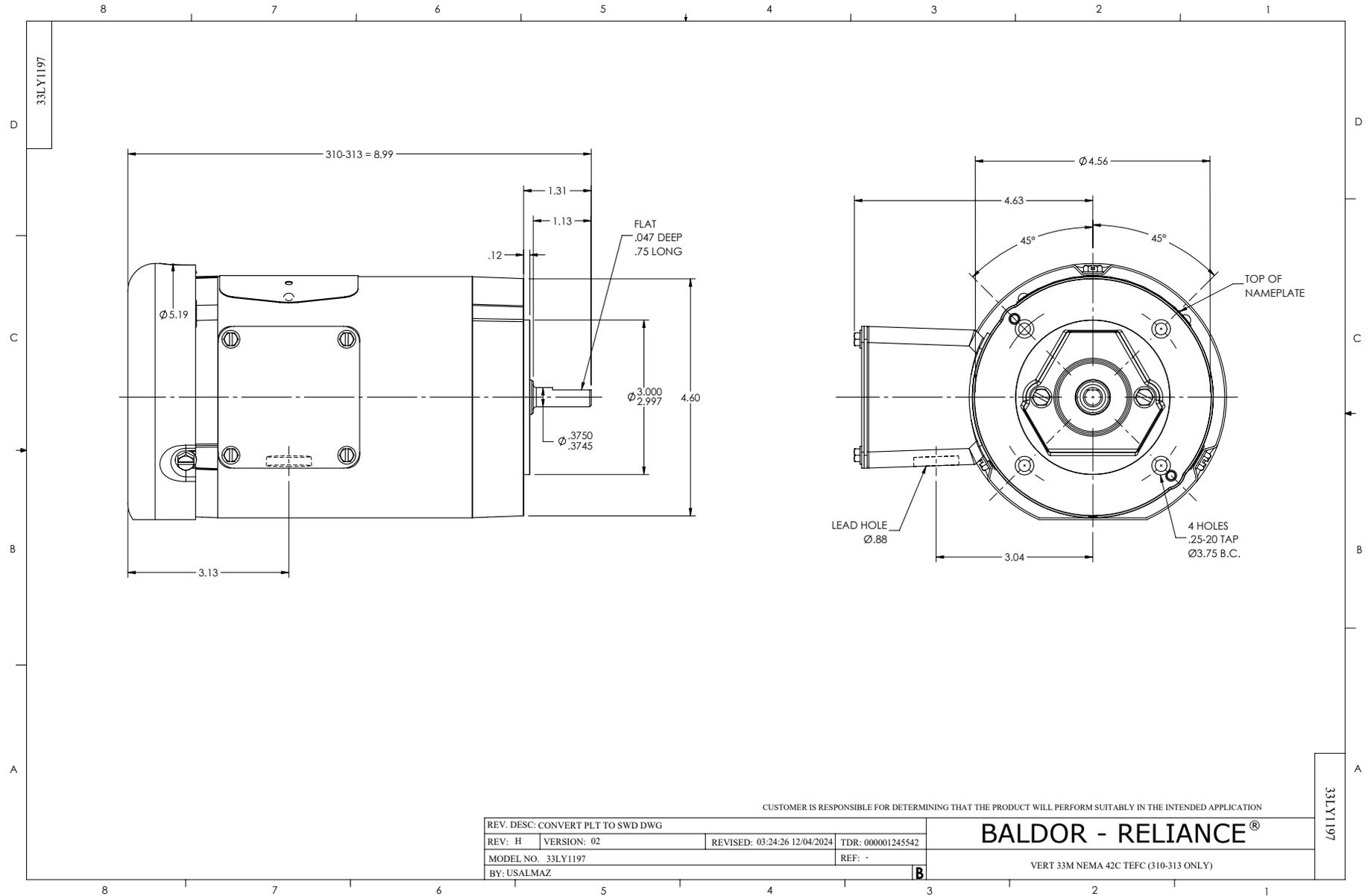
Revision	AS
Type	AC
Mech. spec.	33-1197
Base	
Status	PRD/A
Elec. spec.	33WG1190
Layout	33LY1197
Eff. date	02-08-2024
CD Diagram	CD0005A05
Poles	02
Leads	9#18
Proprietary	False
Created date	06-25-2007

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	0.3 a
Insulation Class	F
Inverter Code	Not Inverter
KVA Code	N
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Exit	Ko Box
Motor Lead Quantity/Wire Size	9 @ 18 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3313M
Mounting Arrangement	F1
Number of Poles	2
Overall Length	9.00 IN
Power Factor	68
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	C-Face
Pulley Shaft Indicator	Standard
Rodent Screen	None
RoHS Status	ROHS COMPLIANT
Service Factor	1.00
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	2850 rpm

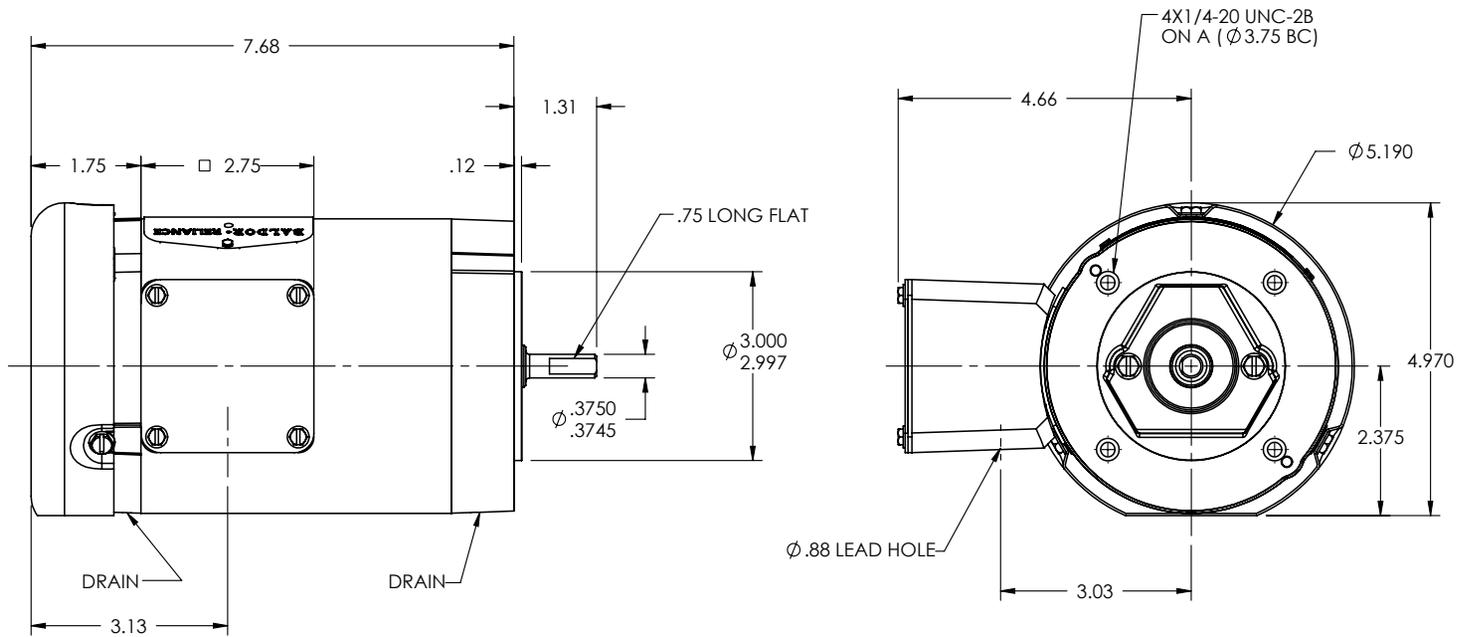
	3450 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	None
Vibration Sensor Indicator	No Vibration Sensor
Winding Thermal 1	None
Winding Thermal 2	None

Nameplate

NP1256L									
CAT.NO.	10142								
SPEC.	33-1197-1190								
HP	.17								
VOLTS	208-230/460								
AMP	.66-.60/.30								
RPM	3450//2850								
FRAME	42C		HZ	60//50		PH	3		
SER.F.	1.00	CODE	N	DES	B	CLASS	B		
NEMA-NOM-EFF	56	PF	68						
RATING	40C AMB-CONT								
CC									
DE	6203		ODE	6203					
ENCL	TEFC	SN							



33-1197-1190



NOTE:
1.) PACK WARNING LABEL & CONNECTION LABEL
IN POLYBAG WITH MOTOR.

REV. DESC: SHOW TEXT ON NP

REV: A	VERSION: 01	REVISED: 02:24:57 05/23/2011	TDR: 000000596304
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0611-7611-33

MODEL NO. 33-1197

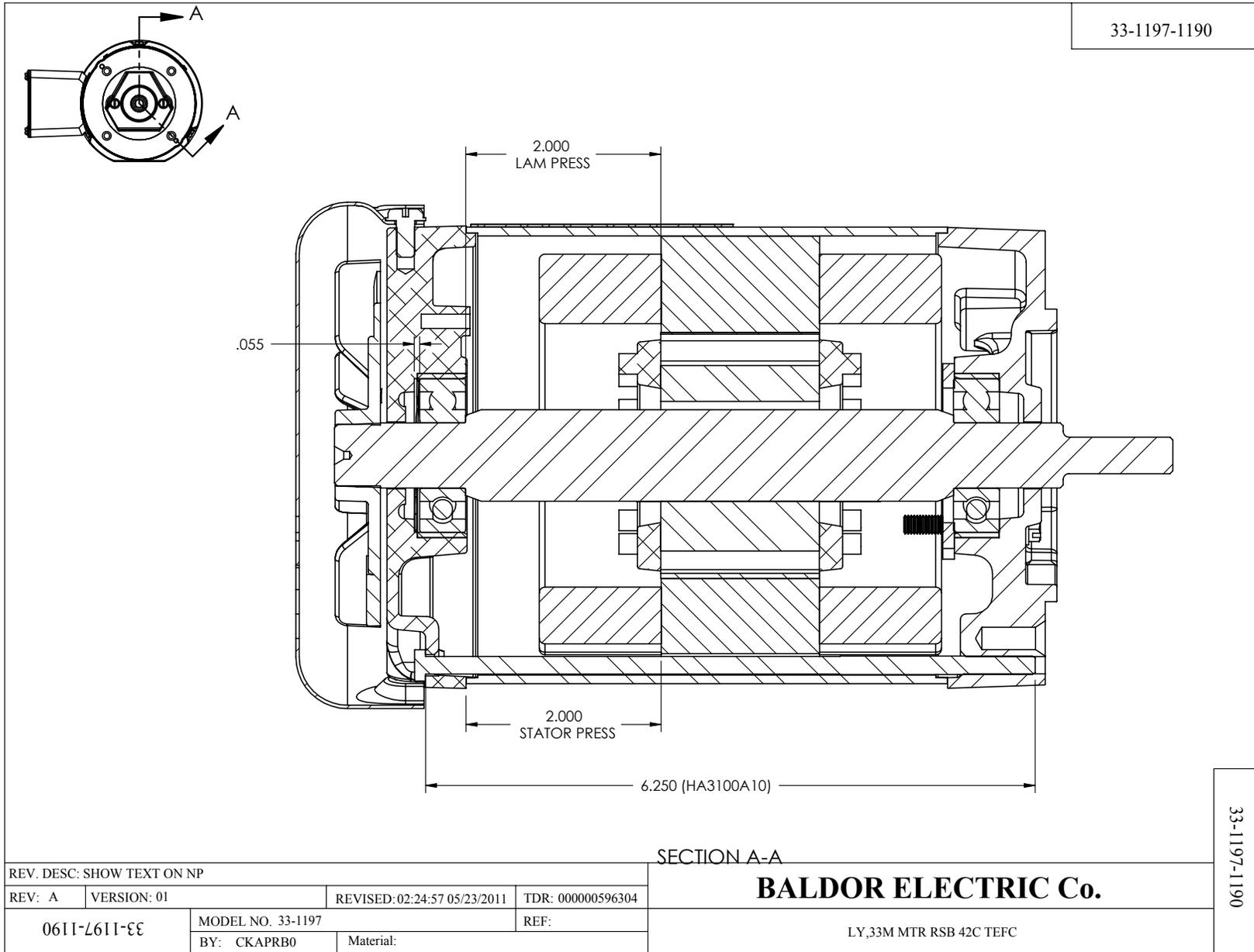
BY: CKAPRB0

REF:

BALDOR ELECTRIC Co.

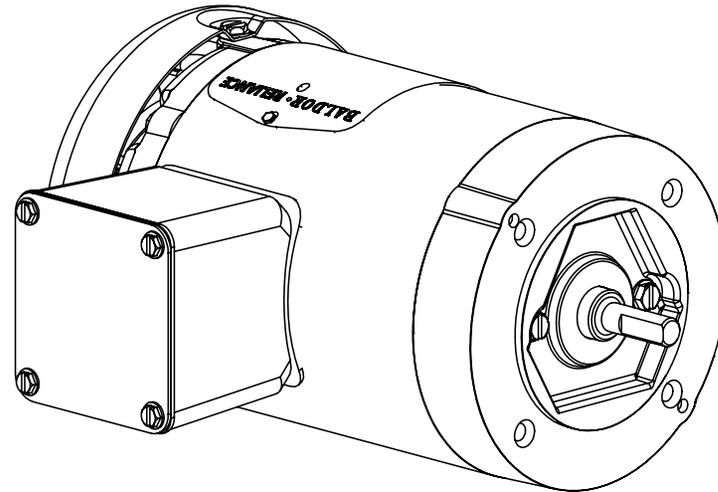
LY,33M MTR RSB 42C TEFC

33-1197-1190



ITEM NO.	PART NUMBER	33-1197-1190/QTY.
1	33EP3300A22	1
2	SKF - 6203 - 10,DE,NC,10_68	2
3	RB4003A01	1
4	51XN1032A20	2
5	33SH2577J01	1
6	34RC2013-00	1
7	33SB0057J00	1
8	33EP3100A01	1
9	HA3100A10	2
10	34GS1029	1
11	34CB3002	1
12	51XB1016A07	2
13	11XW1032G06	1
14	HA5100A03	1
15	34GS1031A01	1
16	34CB4517	1
17	51XW0832A07	4
18	51XW1032A06	3
19	33FN3000	1
20	12XN0832A16	1
21	HW1003A08	1
22	XY0832A02	1
23	33FH4001A01	1
24	NP1256	1
25	99XM0440S01	2

33-1197-1190



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MODEL NO. 33-1197

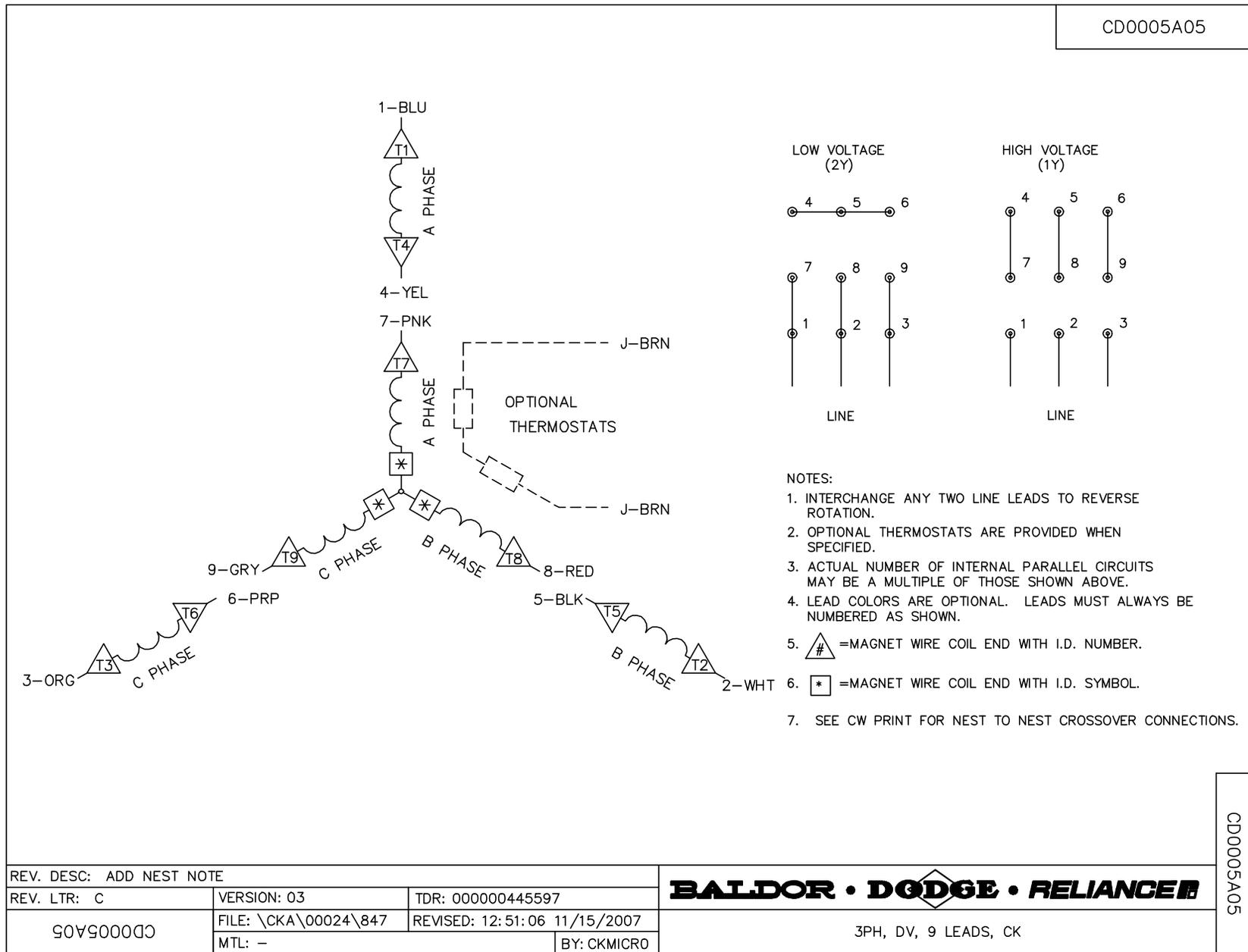
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BY: CKAPRB0 Material:

BALDOR ELECTRIC Co.

LY,33M MTR RSB 42C TEFC

CD0005A05



CD0005A05

REV. DESC: ADD NEST NOTE		
REV. LTR: C	VERSION: 03	TDR: 000000445597
CD0005A05	FILE: \CKA\00024\847	REVISED: 12:51:06 11/15/2007
	MTL: -	BY: CKMICRO

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3PH, DV, 9 LEADS, CK