ABB BALDOR RELIANCE

Customer information packet

33-1591-918

.17HP, 1725RPM, 1PH, 60HZ, 48CZ, 3316L, TEFC, F

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Specifications

Enclosure	TEFC
Frame	48CZ
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	1800 RPM @ 60 HZ
Voltage @ Frequency	230.0 V @ 60 HZ
	115.0 V @ 60 HZ
Agency Approvals	CSA
	UR
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Auxiliary Box Lead Termination	None
Base Indicator	No Mounting
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Current @ Voltage	1.800 A @ 230.0 V
	2.000 A @ 208.0 V
	3.600 A @ 115.0 V
Design Code	N
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	51.0 %
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	1.8 a

Part Detail

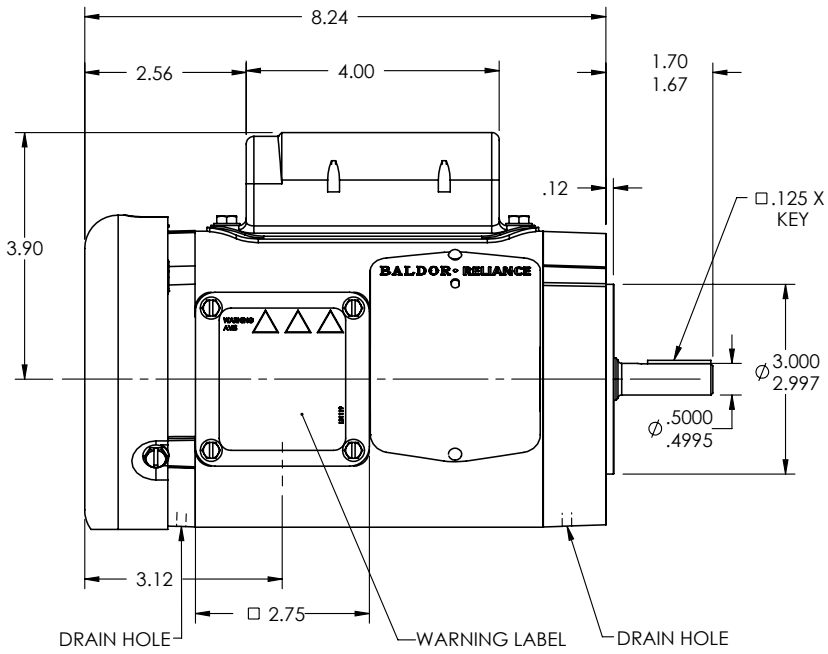
Revision	AK
Type	AC
Mech. spec.	
Base	
Status	INA/A
Elec. spec.	33WG0918
Layout	33-1591-918
Eff. date	07-21-2018
CD Diagram	CD0001
Poles	04
Leads	6#18
Proprietary	False
Created date	06-25-2007

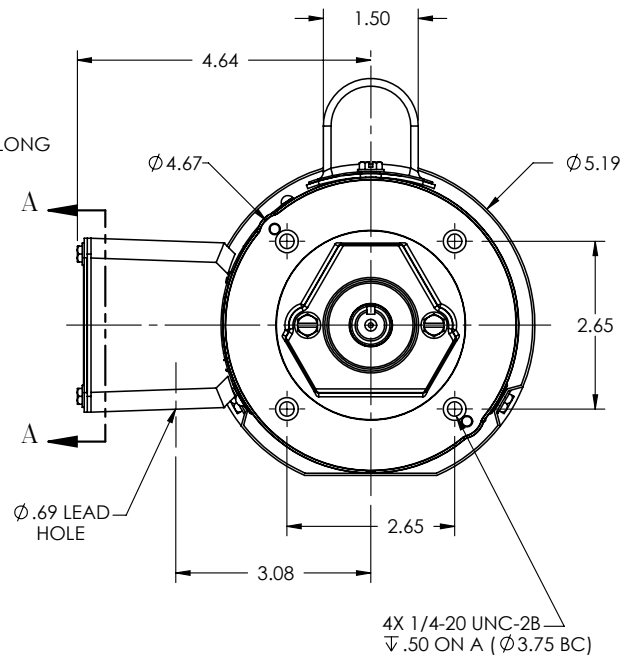
Insulation Class	B
Inverter Code	Not Inverter
KVA Code	L
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Exit	Ko Box
Motor Lead Quantity/Wire Size	6 @ 18 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3316L
Mounting Arrangement	F1
Number of Poles	4
Overall Length	9.94 IN
Power Factor	62
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	1.35
Shaft Diameter	0.500 IN
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1725 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

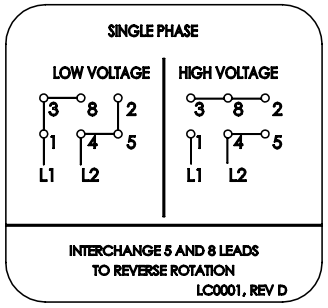
Nameplate

	NP1256L							
CAT.NO.								
SPEC.	33-1591-918							
HP	.17							
VOLTS	115/208-230							
AMP	3.6/1.9-1.8							
RPM	1725							
FRAME	48CZ	**HZ**	60			**PH**	1	
SER.F.	1.35	**CODE**	L	**DES**	N	**CLASS**	B	
NEMA-NOM-EFF	51	**PF**	62					
RATING	40C AMB-CONT							
CC								
DE	6203	**ODE**						
ENCL	TEFC	**SN**						
	SFA 3.8/2-1.9							

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SECTION A–A

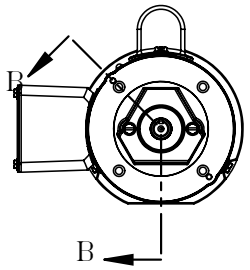
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION

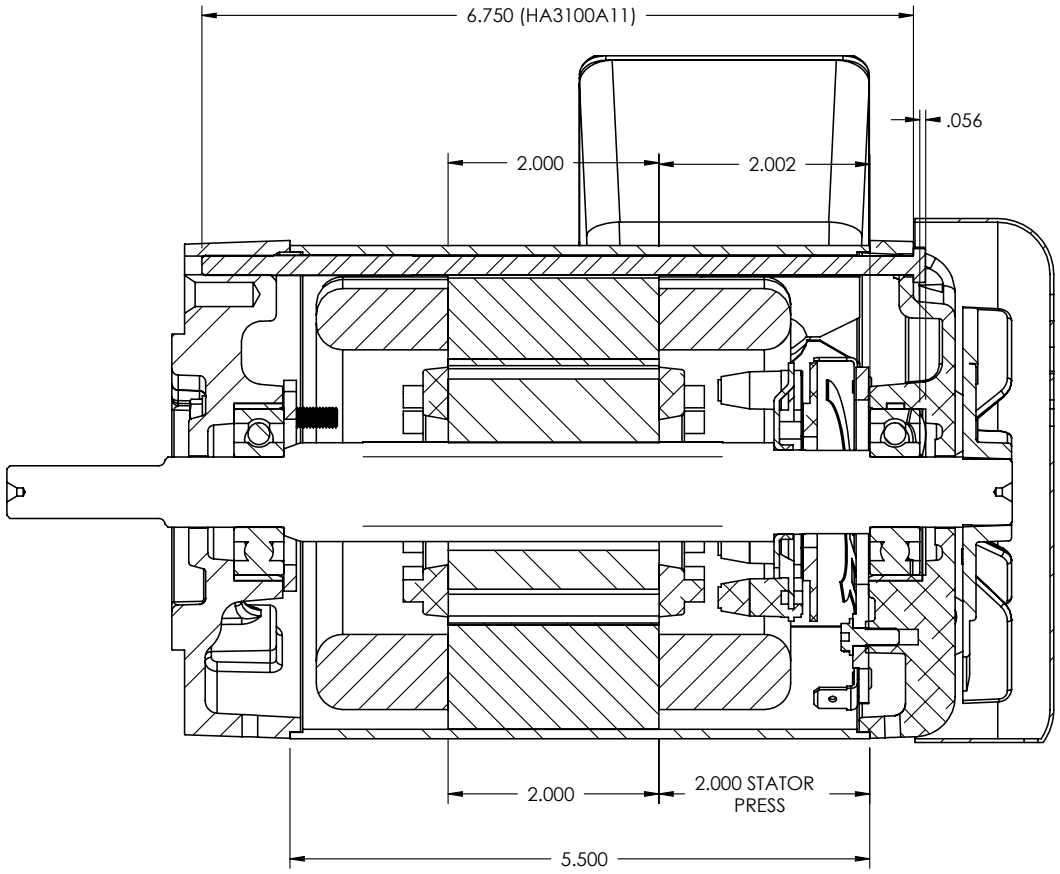
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33-1591-918	MODEL NO. 33-1591		REF:
	BY: CKPHIW0		LY,33AC MTR RSB TEFC 42CZ 1.69 X 0.500 KEYWAY

BALDOR

33-1591-918

33-1591-918





SECTION B–B

33-1591-918

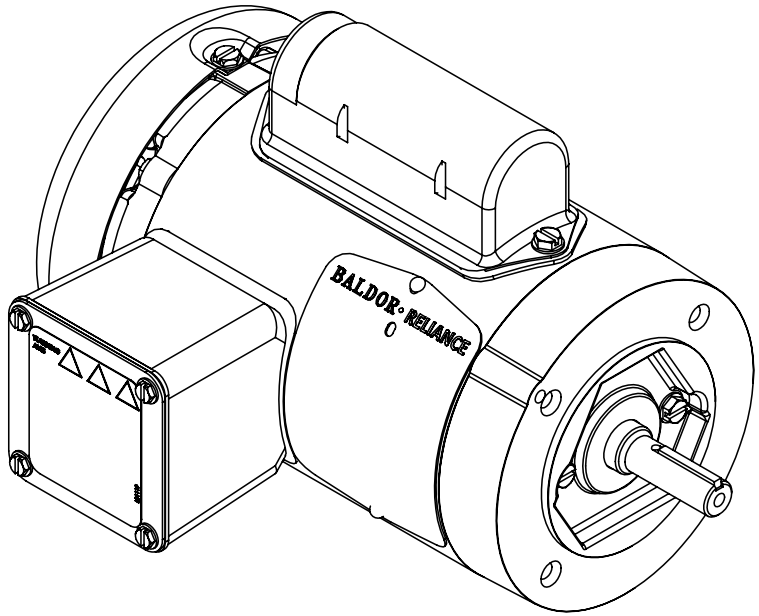
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33-1591-918	MODEL NO. 33-1591		REF:
	BY: CKPHIW0		

BALDOR

LY,33AC MTR RSB TEFC 42CZ 1.69 X 0.500 KEYWAY

ITEM NO.	PART NUMBER	QTY.
1	33EP3300A22	1
2	33SH7204A01	1
3	33RC4116-00	1
4	SKF - 6203 - 10,DE,NC,10_68	2
5	RB4003A01	1
6	RS9005	1
7	33SA9200A01	1
8	NS2512A01	1
9	34GS1029	1
10	34CB3002C	1
11	51XB1016A07	2
12	51XB1016A05	2
13	11XW1032G06	1
14	34GS1031A01	1
15	34CB4517	1
16	51XW0832A07	6
17	51XW1032A06	3
18	34GS3000	1
19	34CB4800	1
20	NS2500A01	1
21	EC1130A02	1
22	33EP3100A01	1
23	SP5073	1
24	HW5109A05	1
25	HA3100A11	2
26	51XN1032A20	2
27	33FN3000	1
28	12XN0832A16	1
29	HW1003A08	1
30	XY0832A02	1
31	33FH4001A01	1
32	HW2501B10	1
33	NP1256	1
34	85XU0407S04	2
35	LC0001	1
36	LB1119	1

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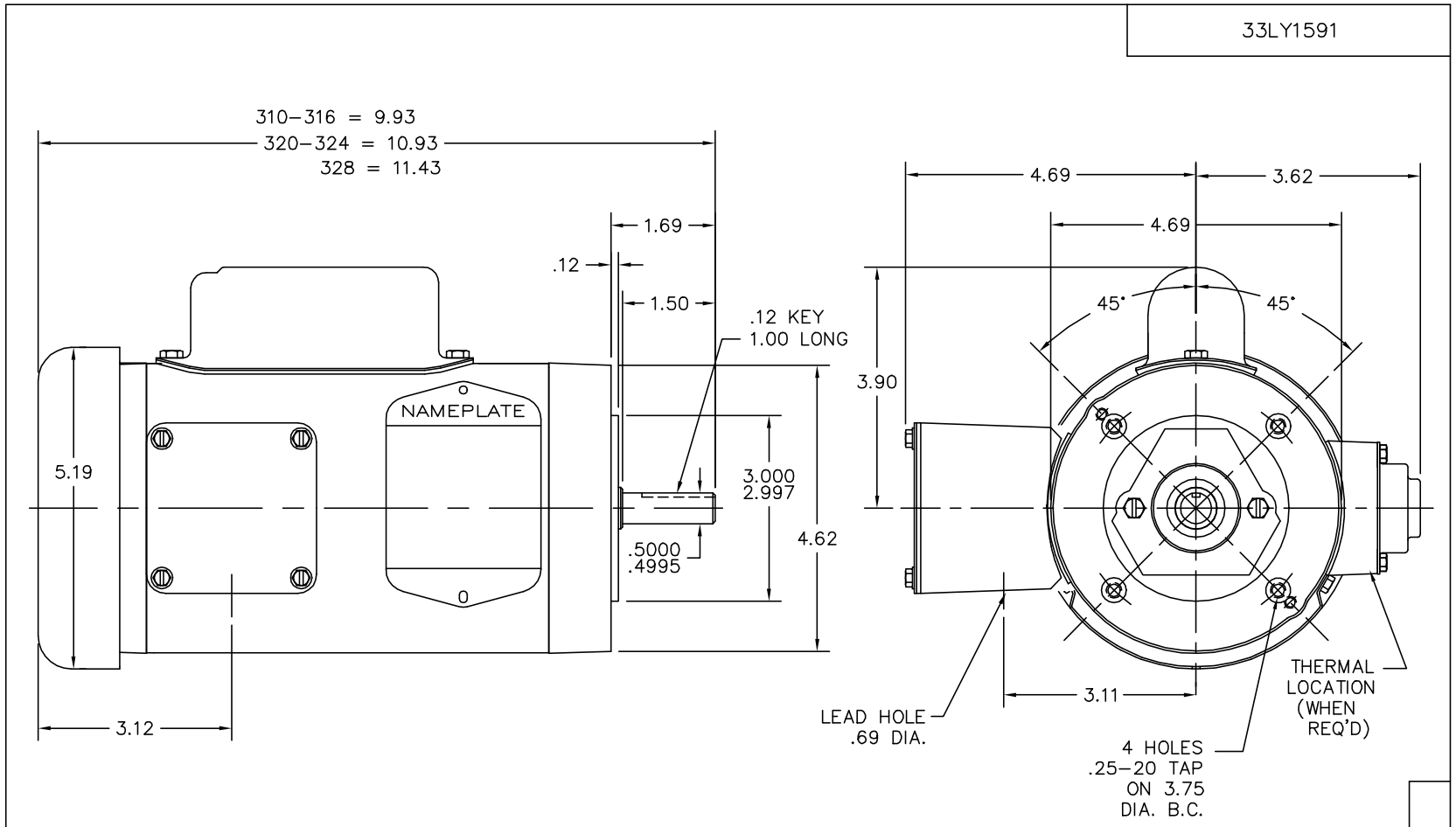


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	BY: CKPHIW0		

BALDOR

LY,33AC MTR RSB TEFC 42CZ 1.69 X 0.500 KEYWAY



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

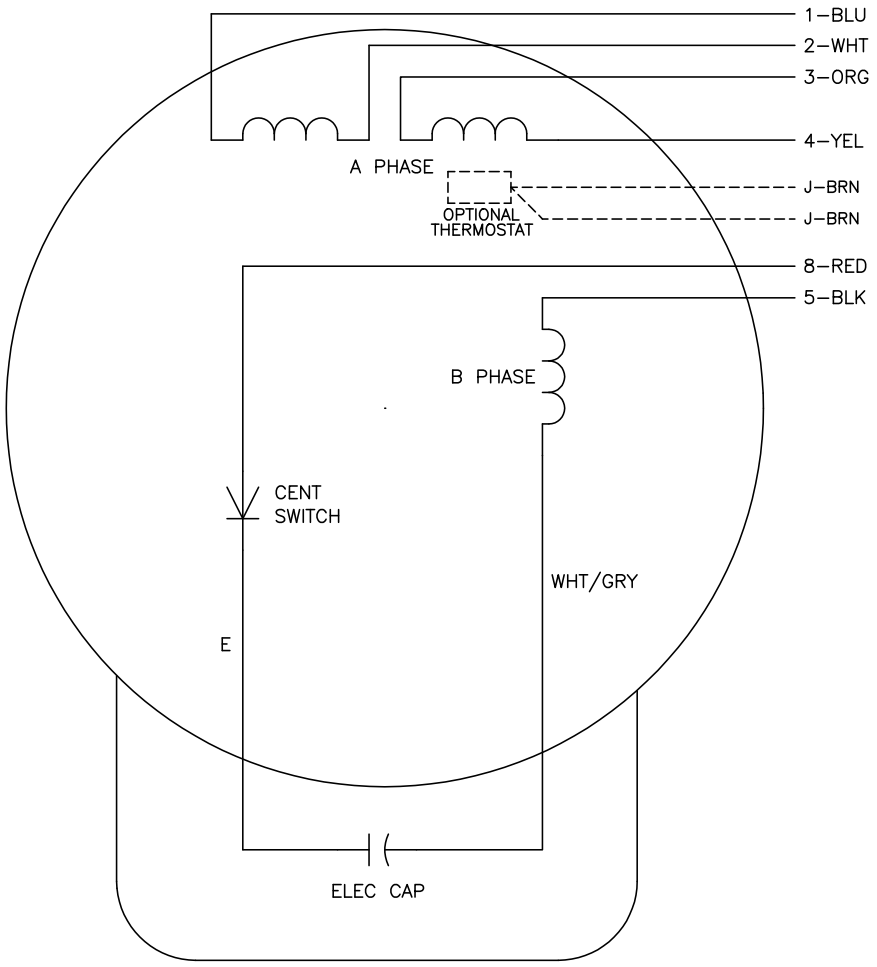
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FILE: \CVD\00002\350	REVISED: 08:35:27 09/13/2018	BY: ENROSTO?
MTL: –		

BALDOR - RELIANCE®

VERT 33L NEMA 48CZ TEFC, .125 KEYWAY

SH 1 of 1

CD0001



	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 END OPPOSITE SHAFT EXTENSION.
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.

CD0001

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			BALDOR ELECTRIC Co.
REV. LTR: D	BY: JLP	REVISED: 04/08/99 1:16	TDR: 0178636
CD0001		FILE: AAA00007405	MDL: –
		MTL: –	TYPE L, DV, REV, 6 LEADS