

ABB BALDOR RELIANCE III

Customer information packet

CJL1317A

2HP, 3450RPM, 1PH, 60HZ, 56J, 3528L, OPEN, F1

Class - None

Division - Not Applicable

Specifications

Enclosure	OPEN
Frame	56J
Frame Material	Steel
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Cap Start, Induction Run
Output @ Frequency	2.000 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	CSA UR
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	26.000 A @ 115.0 V 13.000 A @ 230.0 V
Design Code	L
Drip Cover	Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	70.0 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Face Code	Terminal Panel
Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	13.0 a

Part Detail

Revision	AG
Type	AC
Mech. spec.	35T951
Base	
Status	PRD/A
Elec. spec.	35WGW183
Layout	35LYT951
Eff. date	05-07-2024
CD Diagram	CD0307
Poles	02
Leads	4#14 A&J,1#18 B PH,1#10 #1TH
Proprietary	False
Created date	06-22-2007

Insulation Class	B
Inverter Code	Not Inverter
KVA Code	G
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	Locked Bearing
Motor Lead Exit	Terminal Panel Or Lead Hole
Motor Lead Quantity/Wire Size	4 @ 14 AWG, A&J
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3528L
Mounting Arrangement	F1
Number of Poles	2
Overall Length	13.25 IN
Power Factor	69
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	C-Face
Pulley Shaft Indicator	Ext Thread
Rodent Screen	None
RoHS Status	ROHS COMPLIANT
Service Factor	1.20
Shaft Diameter	0.625 IN
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Fixed Opposite Standard
Shaft Slinger Indicator	No Slinger
Speed	3450 rpm
Speed Code	Single Speed
Starting Method	Direct on line
Thermal Device - Bearing	None
Thermal Device - Winding	Do Not Use Eve-Not Valid
Vibration Sensor Indicator	No Vibration Sensor
Winding Thermal 1	Automatic Thermal Overload
Winding Thermal 1 Location	SB

Winding Thermal 2

None

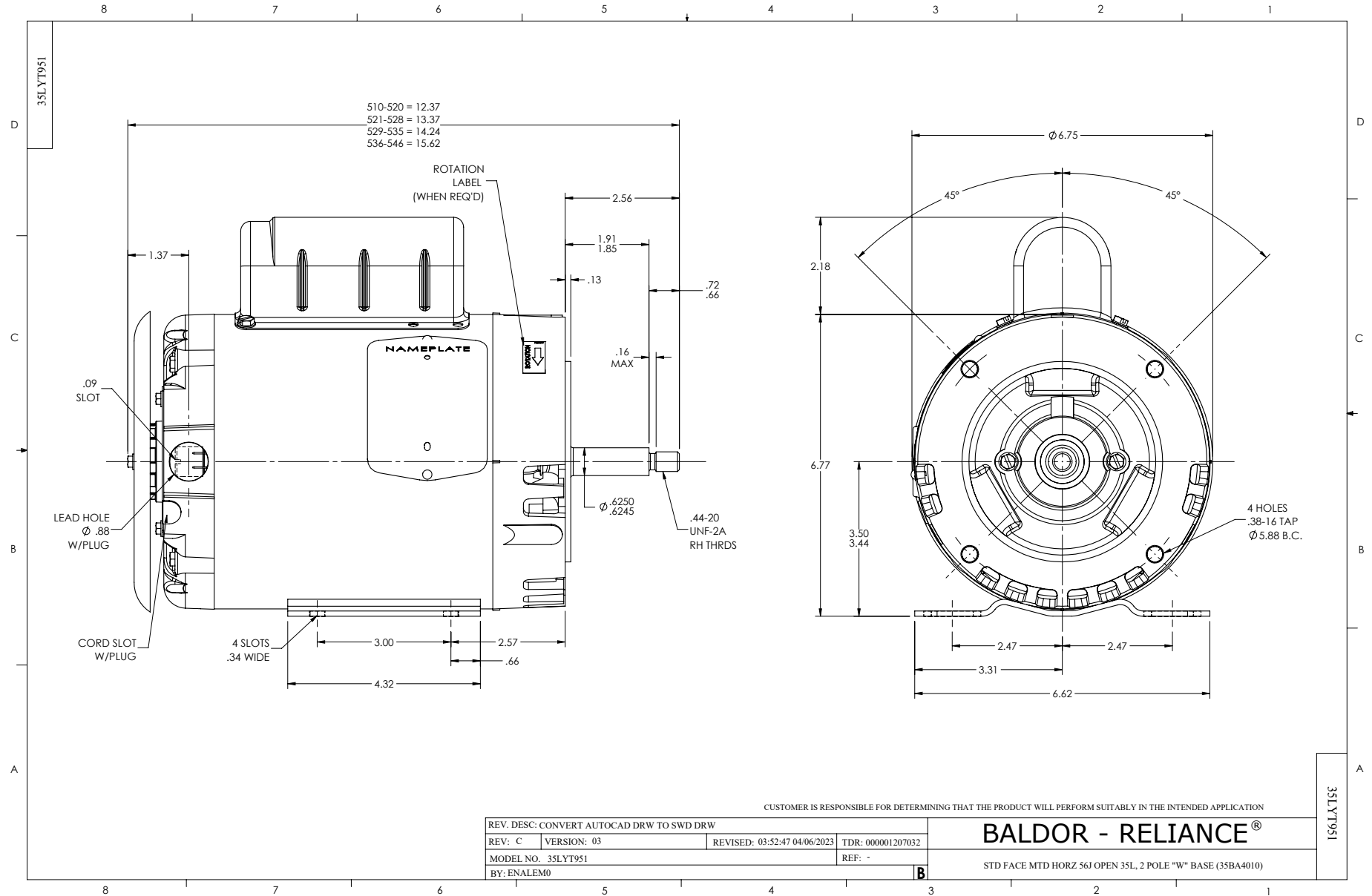
Nameplate

NP1257L									
CAT.NO.	C JL1317A								
SPEC.	35T951W183G1								
HP	2								
VOLTS	115/230								
AMP	26/13								
RPM	3450								
FRAME	56J			HZ	60			PH	1
SER.F.	1.20		CODE	G		DES	L	CL	B
NEMA-NOM-EFF	70		PF	69					
RATING	40C AMB-CONT								
CC									
DE	6205		ODE	6203					
ENCL	OPEN		SN						
	SFA 27.6/13.8								

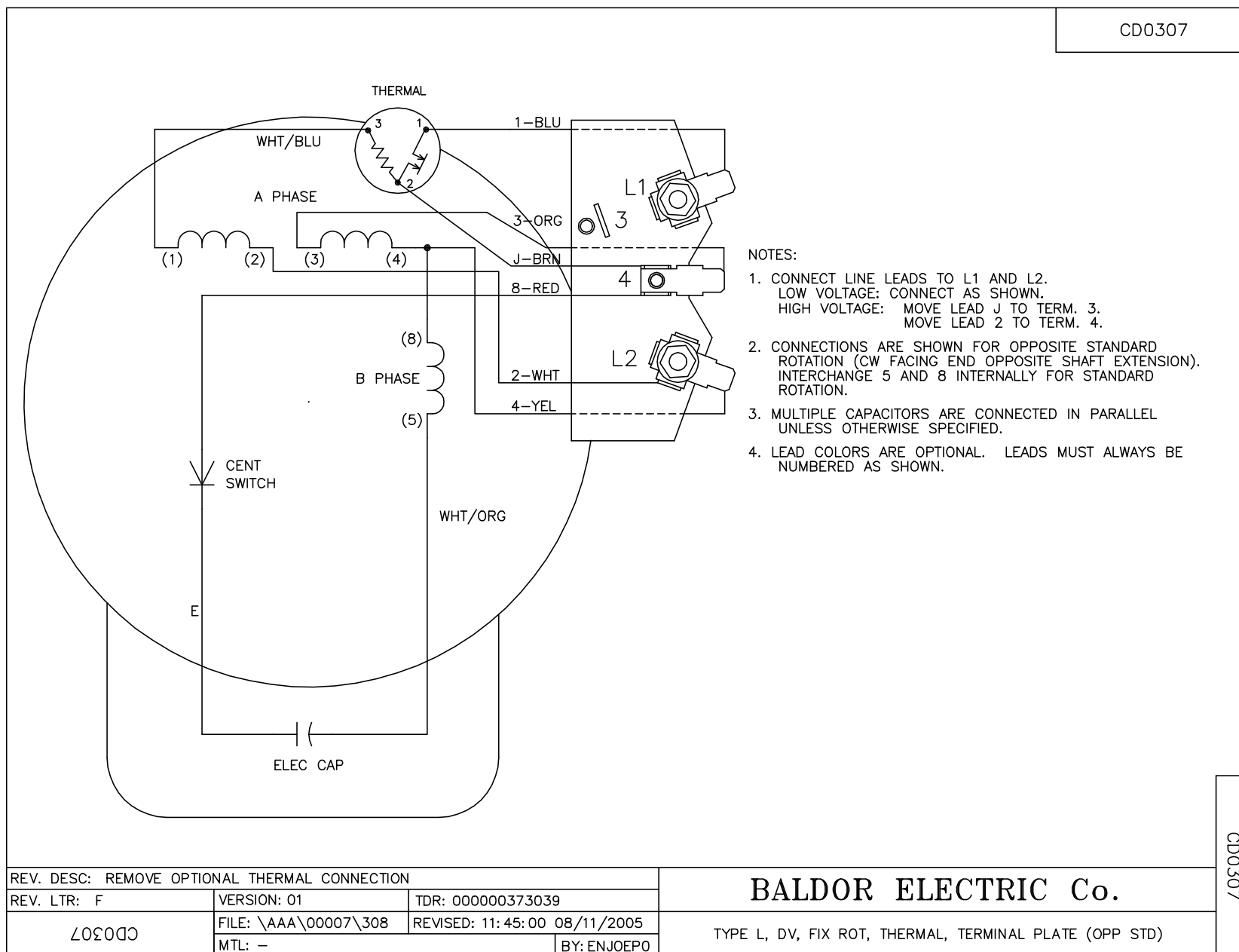
Parts List

Part number	Description	Quantity
SA111037	SA 35T951W183G1	1.000 ea
RA102416	RA 35T951W183G1	1.000 ea
EC1645A06SP	ELEC CAP, 645-774 MFD, 125V, 2.06D X 4.	1.000 ea
WD3006A01	RSS-2-103JT 2W 10K RES. METAL OXIDE 5%	1.000 ea
RM1001A01	GROMMET "MIDSTATES"	1.000 ea
WD4100A01	DP-875 HEYCO PLUG OR 62MP0875 MICRO PLAS	1.000 ea
11XW0832G06	#8-32 X 3/8, TAPTITE II, HEX WSHR SLTD	1.000 ea
35EP3202A02SP	FR ENDPLATE, MACH	1.000 ea
SP1033A01	INSULATOR MODEL 35 TERM PANEL	1.000 ea
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000 ea
51XB1016A05	10-16X5/16HX WA SL SR TYB (F/S)	2.000 ea
HW5100A03	WAVY WASHER (W1543-017)	1.000 ea
35EP3402A00	MASTER DE,205 BRG,OPEN,W/TIGHTSLEEVE	1.000 ea
35AD2000	AIR BAFFLE - GALVANNEAL	1.000 ea
15XF0632A06	6-32 X 3/8 PHILL PAN HD TYPE F	4.000 ea
51XN1032A20	10-32 X 1 1/4 HX WS SL SR	2.000 ea
35FH4500A02	DRIP COVER, STAMPED (W/ PRIMER	1.000 ea
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000 ea
35CB4500	TERMINAL BOX LID STAMPED	1.000 ea
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 ea
LB1009N	LABEL,ROTATION DIRECTION (ON ROLLS)	1.000 ea
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 ea
WD1000A15	3-520132-2 AMP FLAG (4M/RL NON-CANC/NON-	2.000 ea
MJ1000A02	GREASE, POLYREX EM EXXON	0.050 lb
MG1050G01	CELEROL MEDIUM CHARCOAL METALLIC GRAY	0.017 ga
WD1000D90	T&B RC2577FM,90 DEG INSUL. FLAG TERMINAL	1.000 ea
HA3100A15	THRUBOLT 10-32 X 8.375	4.000 ea
35CB4802A02SP	CAPACITOR COVER, STAMPED X	1.000 ea
SP5066A01	35 TERM PANEL SWITCH W/E-BLK, 8-RED	1.000 ea
LB1118	LABEL,WARNING (ROLL LABEL)	1.000 ea
LC0307	1PH, DV, FIX, W & W/O THERM, TERM PLATE,	1.000 ea

NP1257L	ALUM UL CC THERMAL REV MTG	1.000 ea
35PA1066	PKG GRP, PRINT PK1008A07	1.000 ea
PK3083	STYROFOAM PACKING CRADLE	1.000 ea
PK3088	MICROFOAM, 8"X"8 PERF. SHEETS	1.000 ea
PE-0000011	ZRTG PE ASSEMBLY	1.000 ea



CD0307



REV. DESC: REMOVE OPTIONAL THERMAL CONNECTION		
REV. LTR: F	VERSION: 01	TDR: 000000373039
CD0307	FILE: \AAA\00007\308	REVISED: 11:45:00 08/11/2005
	MTL: -	BY: ENJOEP0

BALDOR ELECTRIC Co.

TYPE L, DV, FIX ROT, THERMAL, TERMINAL PLATE (OPP STD)

CD0307