ABB BALDOR RELIANCE

Customer information packet

ERL1313A

1.5HP, 3480RPM, 1PH, 60HZ, 56H, 3532LC, OPEN, F
Class - None
Division - Not Applicable

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Specifications

Enclosure	OPEN
Frame	56H
Frame Material	Steel
Frequency	60.00 Hz
Haz Area Class and Group	None
Haz Area Division	Not Applicable
Motor Letter Type	Cap Start, Cap Run
Output @ Frequency	1.500 HP @ 60 HZ
Phase	1
Synchronous Speed @ Frequency	3600 RPM @ 60 HZ
Voltage @ Frequency	115.0 V @ 60 HZ
	230.0 V @ 60 HZ
Agency Approvals	UR
	CSA
Ambient Temperature	40 °C
Auxiliary Box	NO AUXILLARY BOX
Auxiliary Box Lead Termination	None
Base Indicator	Resilient
Bearing Grease Type	Polyrex EM (-20F +300F)
Blower	None
Current @ Voltage	11.800 A @ 115.0 V
	5.900 A @ 230.0 V
	7.800 A @ 208.0 V
Design Code	L
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	82.0 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Face Code	Terminal Panel
Front Shaft Indicator	None
Heater Indicator	No Heater

Part Detail

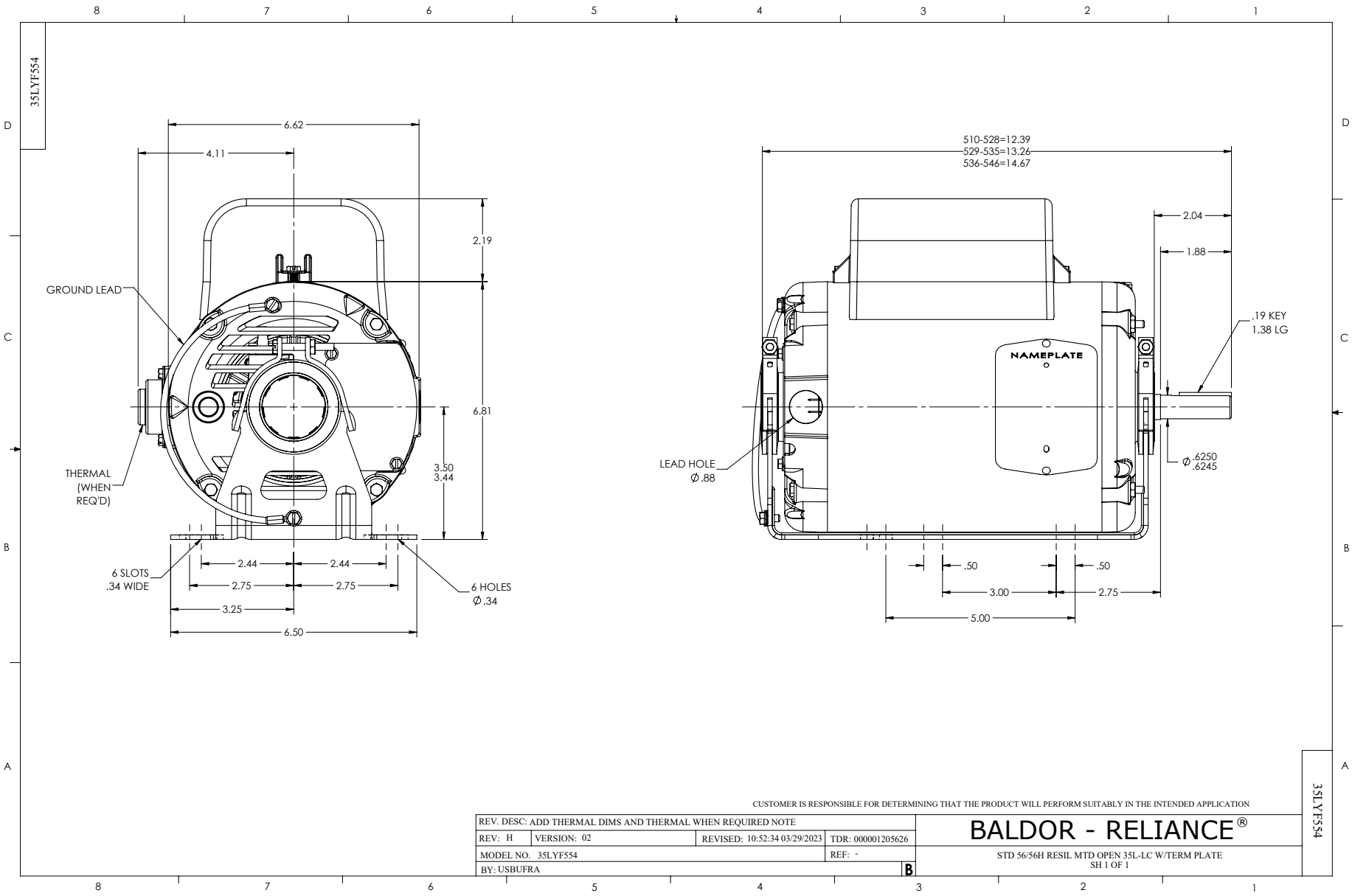
Revision	L
Type	AC
Mech. spec.	35F554
Base	
Status	PRD/A
Elec. spec.	35WGL162
Layout	35LYF554
Eff. date	01-02-2025
CD Diagram	CD0703
Poles	02
Leads	6#16,1#14 #1TH
Proprietary	False
Created date	10-02-2014

High Voltage Full Load Amps	5.9 a
Insulation Class	B
Inverter Code	Not Inverter
KVA Code	G
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	No Locked Bearing
Motor Lead Exit	Terminal Panel
Motor Lead Quantity/Wire Size	6 @ 16 AWG
Motor Lead Termination	Flying Leads With QC
Motor Standards	NEMA
Motor Type	3532LC
Mounting Arrangement	F1
Number of Poles	2
Overall Length	13.30 IN
Power Factor	99
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	Resilient Mount
Pulley Shaft Indicator	Standard
Rodent Screen	None
RoHS Status	ROHS COMPLIANT
Service Factor	1.15
Shaft Diameter	0.625 IN
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	3480 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	Automatic Thermal Overload

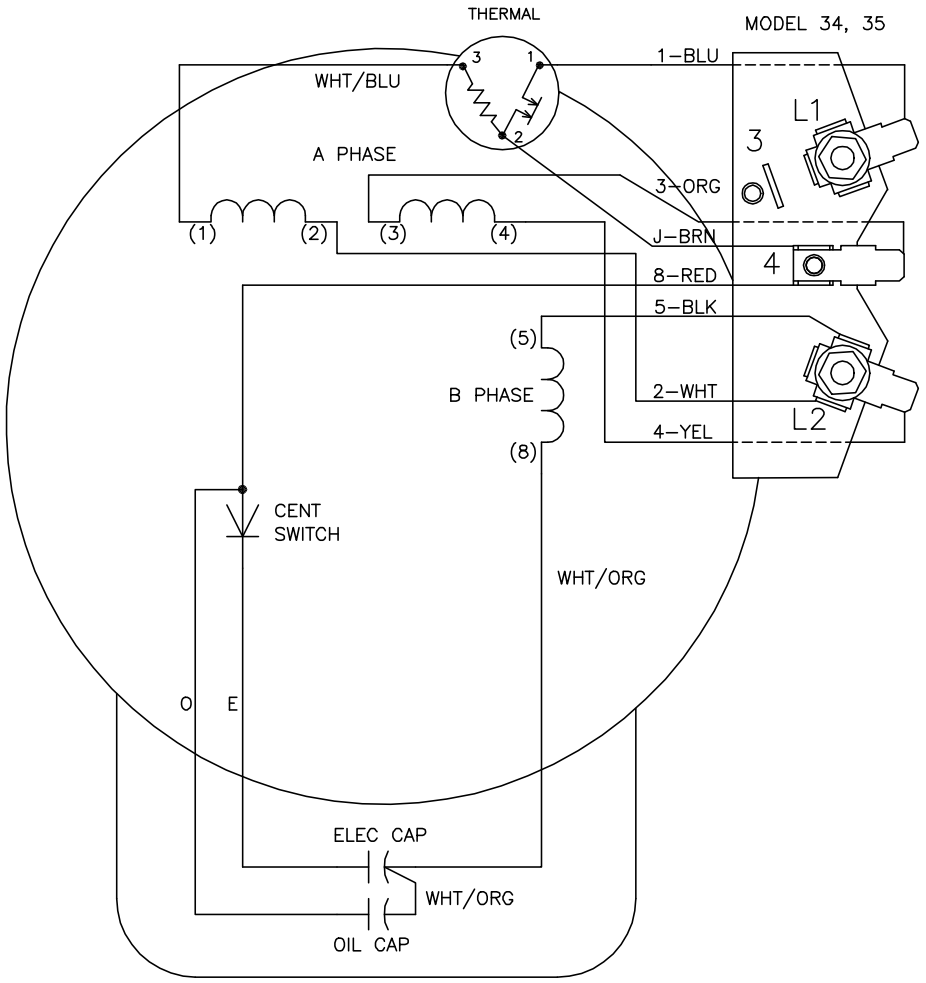
Winding Thermal 1 Location	SB
Winding Thermal 2	None

Nameplate

NP3273L										
CAT.NO.	ERL1313A									
SPEC.	35F554L162G1									
HP	1.5									
VOLTS	115/230									
AMP	11.8/5.9									
RPM	3480									
FRAME	56H		**HZ**	60			**PH**	1		
SER.F.	1.15	**CODE**	G	**DES**	L	**CL**	B			
F.L. AVG. EFF.	82	**PF**	99							
RATING	40C AMB-CONT									
CC										
DE	6203		**ODE**	6203						
ENCL	OPEN	**SN**								


35LYF554
6.62
4.11
2.19
GROUND LEAD
6.81
3.50
3.44
THERMAL
(WHEN
REQ'D)
6 SLOTS
.34 WIDE
2.44
2.44
2.75
2.75
3.25
6.50
6 HOLES
Ø.34
510-528=12.39
529-535=13.26
536-546=14.67
2.04
1.88
.19 KEY
1.38 LG
NAMEPLATE
LEAD HOLE
Ø.88
Ø.6250
.6245
.50
.50
3.00
2.75
5.00
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT THE PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION
REV. DESC: ADD THERMAL DIMS AND THERMAL WHEN REQUIRED NOTE
REV: H
VERSION: 02
REVISED: 10:52:34 03/29/2023
TDR: 000001205626
MODEL NO. 35LYF554
REF: -
BY: USBUFRA
B
BALDOR - RELIANCE®
STD 56/56H RESIL MTD OPEN 35L-LC W/TERM PLATE
SH 1 OF 1
35LYF554

CD0703



NOTES:

1. CONNECT LINE LEADS TO L1 AND L2.
   LOW VOLTAGE: CONNECT AS SHOWN.
   HIGH VOLTAGE: MOVE LEAD J TO TERM. 3.
   MOVE LEAD 2 TO TERM. 4.
2. CONNECTIONS ARE SHOWN FOR STANDARD ROTATION (CCW FACING END OPPOSITE SHAFT EXTENSION). INTERCHANGE LEADS 5 AND 8 TO REVERSE ROTATION.
3. MULTIPLE CAPACITORS ARE CONNECTED IN PARALLEL UNLESS OTHERWISE SPECIFIED.
4. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

CD0703

REV. DESC: REMOVE MODEL 17 CONNECTION		
REV. LTR: G	VERSION: 02	TDR: 000001218314
FILE: \AAA\00007\140	REVISED: 08:28:11 10/11/2023	BY: ENBRIR0
MTL: –		

BALDOR - RELIANCE®

TYPE LC, DV, REV, THERMAL, TERMINAL PLATE

SH 1 of 1