

# ABB BALDOR RELIANCE III

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## Customer information packet

L1304-50

.5/.37KW, 1440RPM, 1PH, 50HZ, 56, 3424LC, ODP

Class - None

Division - Not Applicable

**Specifications**

<b>Enclosure</b>	ODP
<b>Frame</b>	56
<b>Frame Material</b>	Steel
<b>Frequency</b>	50.00 Hz
<b>Haz Area Class and Group</b>	None
<b>Haz Area Division</b>	Not Applicable
<b>Motor Letter Type</b>	Cap Start, Cap Run
<b>Output @ Frequency</b>	.370 KW @ 50 HZ
<b>Phase</b>	1
<b>Synchronous Speed @ Frequency</b>	1500 RPM @ 50 HZ
<b>Voltage @ Frequency</b>	110.0 V @ 50 HZ 220.0 V @ 50 HZ
<b>Agency Approvals</b>	C UR US CE CURUS UKCA WEEE
<b>Ambient Temperature</b>	40 °C
<b>Auxiliary Box</b>	NO AUXILLARY BOX
<b>Auxiliary Box Lead Termination</b>	None
<b>Base Indicator</b>	Rigid
<b>Bearing Grease Type</b>	Polyrex EM (-20F +300F)
<b>Blower</b>	None
<b>Current @ Voltage</b>	5.200 A @ 110.0 V 2.600 A @ 220.0 V
<b>Design Code</b>	-
<b>Drip Cover</b>	No Drip Cover
<b>Duty Rating</b>	CONT
<b>Efficiency @ 100% Load</b>	72.7 %
<b>Electrically Isolated Bearing</b>	Not Electrically Isolated
<b>Feedback Device</b>	NO FEEDBACK
<b>Front Shaft Indicator</b>	None

**Part Detail**

<b>Revision</b>	D
<b>Type</b>	AC
<b>Mech. spec.</b>	34F353
<b>Base</b>	
<b>Status</b>	PRD/A
<b>Elec. spec.</b>	34WGX075
<b>Layout</b>	34LYF353
<b>Eff. date</b>	12-31-2024
<b>CD Diagram</b>	CD0055
<b>Poles</b>	04
<b>Leads</b>	6#18
<b>Proprietary</b>	False
<b>Created date</b>	10-10-2023

Heater Indicator	No Heater
High Voltage Full Load Amps	2.6 a
Insulation Class	B
Inverter Code	Not Inverter
KVA Code	K
Lifting Lugs	No Lifting Lugs
Locked Bearing Indicator	No Locked Bearing
Motor Lead Quantity/Wire Size	6 @ 18 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3424LC
Mounting Arrangement	F1
Number of Poles	4
Overall Length	11.00 IN
Power Factor	89
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	1.25
Shaft Diameter	0.625 IN
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1440 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**

<b>NP1372L</b>									
<b>CAT.NO.</b>	L1304-50								
<b>SPEC.</b>	34F353X075								
<b>HP</b>	.5/.37KW								
<b>VOLTS</b>	110/220								
<b>AMP</b>	5.2/2.6								
<b>R.P.M. (1/MIN)</b>	1440								
<b>FRAME</b>	56	<b>HZ</b>	50	<b>PH</b>	1				
<b>SER.F.</b>	1.25	<b>CODE</b>	K	<b>DES</b>	-	<b>CL</b>	B		
<b>NEMA-NOM-EFF</b>	72.7	<b>PF</b>	89						
<b>RATING</b>	40C AMB-S1 CONT								
<b>CC</b>	IP23 IC01 13KG								
<b>DE</b>	6203	<b>ODE</b>	6203						
<b>ENCL</b>	ODP	<b>SN</b>							
IE2-50HZ 69(75%),61 (50%)									

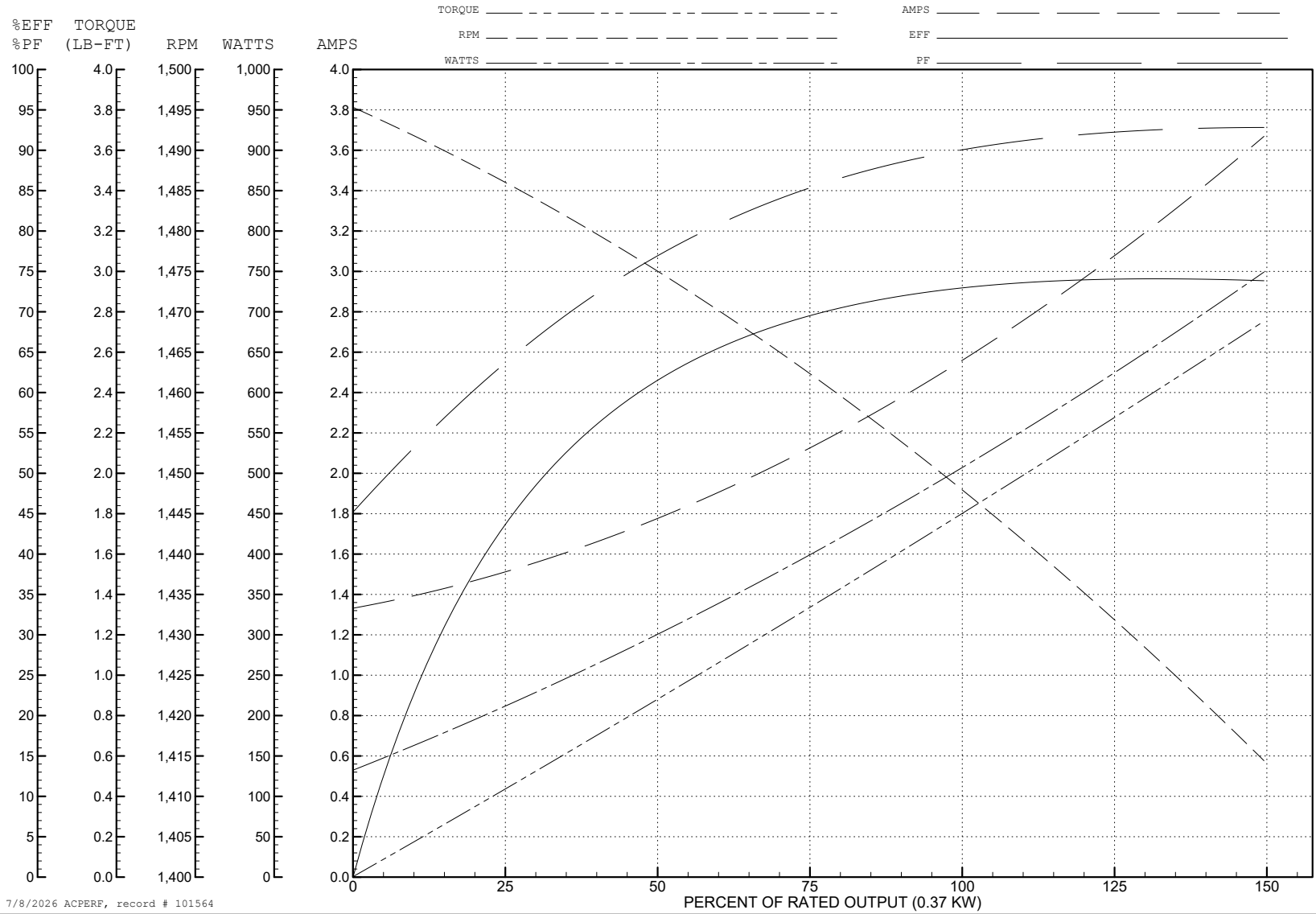
ABB Motors and Mechanical Inc.

WINDING # 34WGx075

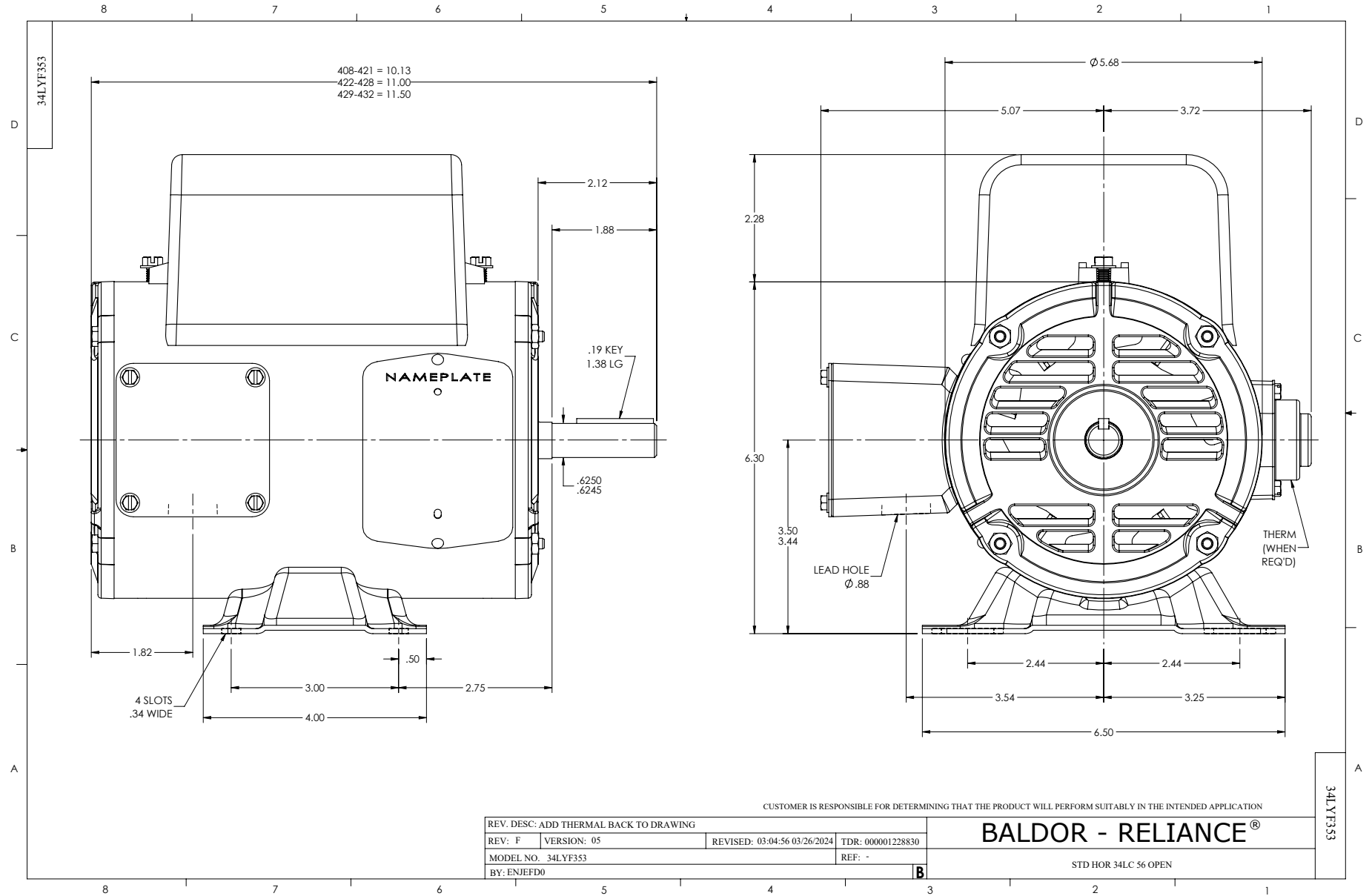
Typical performance - not guaranteed values.

0.37 KW 1 PH 50 HZ 1440 RPM 220 V 3424LC

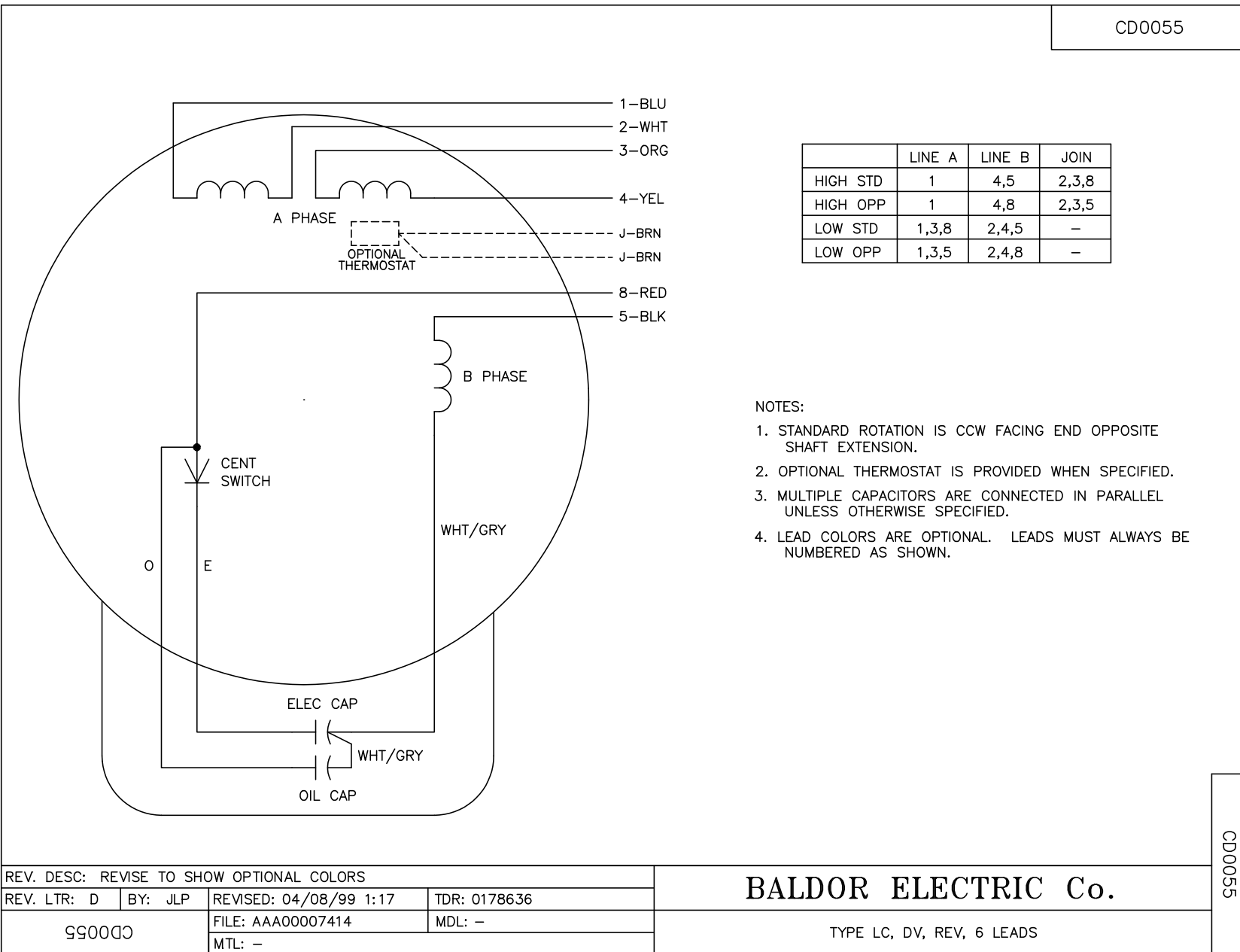
TORQUES (LB-FT): PO=5.01 PU=4.58 LR=5.62 LRA=18.7



7/8/2026 ACPERF, record # 101564



CD0055



CD0055

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			
REV. LTR: D	BY: JLP	REVISED: 04/08/99 1:17	TDR: 0178636
C00000		FILE: AAA00007414	MDL: -
		MTL: -	

**BALDOR ELECTRIC Co.**

TYPE LC, DV, REV, 6 LEADS