

# ABB BALDOR RELIANCE III

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## Customer information packet

L1408T-50

3/2.2KW, 1450RPM, 1PH, 50HZ, 184T, 3646LC, OPE

Class - None

Division - Not Applicable

**Specifications**

<b>Enclosure</b>	OPEN
<b>Frame</b>	184T
<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>	2.200 KW @ 50 HZ
<b>Phase</b>	1
<b>Synchronous Speed @ Frequency</b>	1500 RPM @ 50 HZ
<b>Voltage @ Frequency</b>	220.0 V @ 50 HZ
<b>Agency Approvals</b>	C UR US WEEE UKCA CURUS CE
<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>	12.000 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>	84.3 %
<b>Electrically Isolated Bearing</b>	Not Electrically Isolated
<b>Feedback Device</b>	NO FEEDBACK
<b>Front Shaft Indicator</b>	None
<b>Heater Indicator</b>	No Heater
<b>High Voltage Full Load Amps</b>	12.0 a

**Part Detail**

<b>Revision</b>	F
<b>Type</b>	AC
<b>Mech. spec.</b>	36E002
<b>Base</b>	
<b>Status</b>	PRD/A
<b>Elec. spec.</b>	36WGQ060
<b>Layout</b>	36LYE002
<b>Eff. date</b>	12-27-2024
<b>CD Diagram</b>	CD0017A02
<b>Poles</b>	04
<b>Leads</b>	2#14 A PH,2#16 B PH
<b>Proprietary</b>	False
<b>Created date</b>	03-13-2023

<b>Insulation Class</b>	F
<b>Inverter Code</b>	Not Inverter
<b>KVA Code</b>	G
<b>Lifting Lugs</b>	Standard Lifting Lugs
<b>Locked Bearing Indicator</b>	No Locked Bearing
<b>Motor Lead Quantity/Wire Size</b>	2 @ 14 AWG, A PH
<b>Motor Lead Termination</b>	Flying Leads
<b>Motor Standards</b>	NEMA
<b>Motor Type</b>	3646LC
<b>Mounting Arrangement</b>	F1
<b>Number of Poles</b>	4
<b>Overall Length</b>	16.50 IN
<b>Power Factor</b>	99
<b>Product Family</b>	General Purpose
<b>Pulley End Bearing Type</b>	Ball
<b>Pulley Face Code</b>	Standard
<b>Pulley Shaft Indicator</b>	Standard
<b>Rodent Screen</b>	None
<b>RoHS Status</b>	ROHS COMPLIANT
<b>Service Factor</b>	1.15
<b>Shaft Diameter</b>	1.125 IN
<b>Shaft Ground Indicator</b>	No Shaft Grounding
<b>Shaft Rotation</b>	Reversible
<b>Shaft Slinger Indicator</b>	No Slinger
<b>Speed</b>	1450 rpm
<b>Speed Code</b>	Single Speed
<b>Starting Method</b>	Direct on line
<b>Thermal Device - Bearing</b>	None
<b>Thermal Device - Winding</b>	None
<b>Vibration Sensor Indicator</b>	No Vibration Sensor
<b>Winding Thermal 1</b>	None
<b>Winding Thermal 2</b>	None

**Nameplate**

<b>NP1372L</b>									
<b>CAT.NO.</b>	L1408T-50								
<b>SPEC.</b>	36E002Q060								
<b>HP</b>	3/2.2KW								
<b>VOLTS</b>	220								
<b>AMP</b>	12								
<b>R.P.M. (1/MIN)</b>	1450								
<b>FRAME</b>	184T		<b>HZ</b>	50		<b>PH</b>	1		
<b>SER.F.</b>	1.15	<b>CODE</b>	G	<b>DES</b>	-	<b>CL</b>	F		
<b>NEMA-NOM-EFF</b>	84.3	<b>PF</b>	99						
<b>RATING</b>	40C AMB-S1 CONT								
<b>CC</b>			IP22 45KG IC01						
<b>DE</b>	6206		<b>ODE</b>	6205					
<b>ENCL</b>	OPEN	<b>SN</b>							
	IE2-50HZ 85 (75%),83 (50%)								

**Accessories**

<b>Part number</b>	<b>Description</b>	<b>Multiplier</b>
36-3403	C FACE KIT	A8
36EP1405A09SP	D-FLANGE KIT	A8

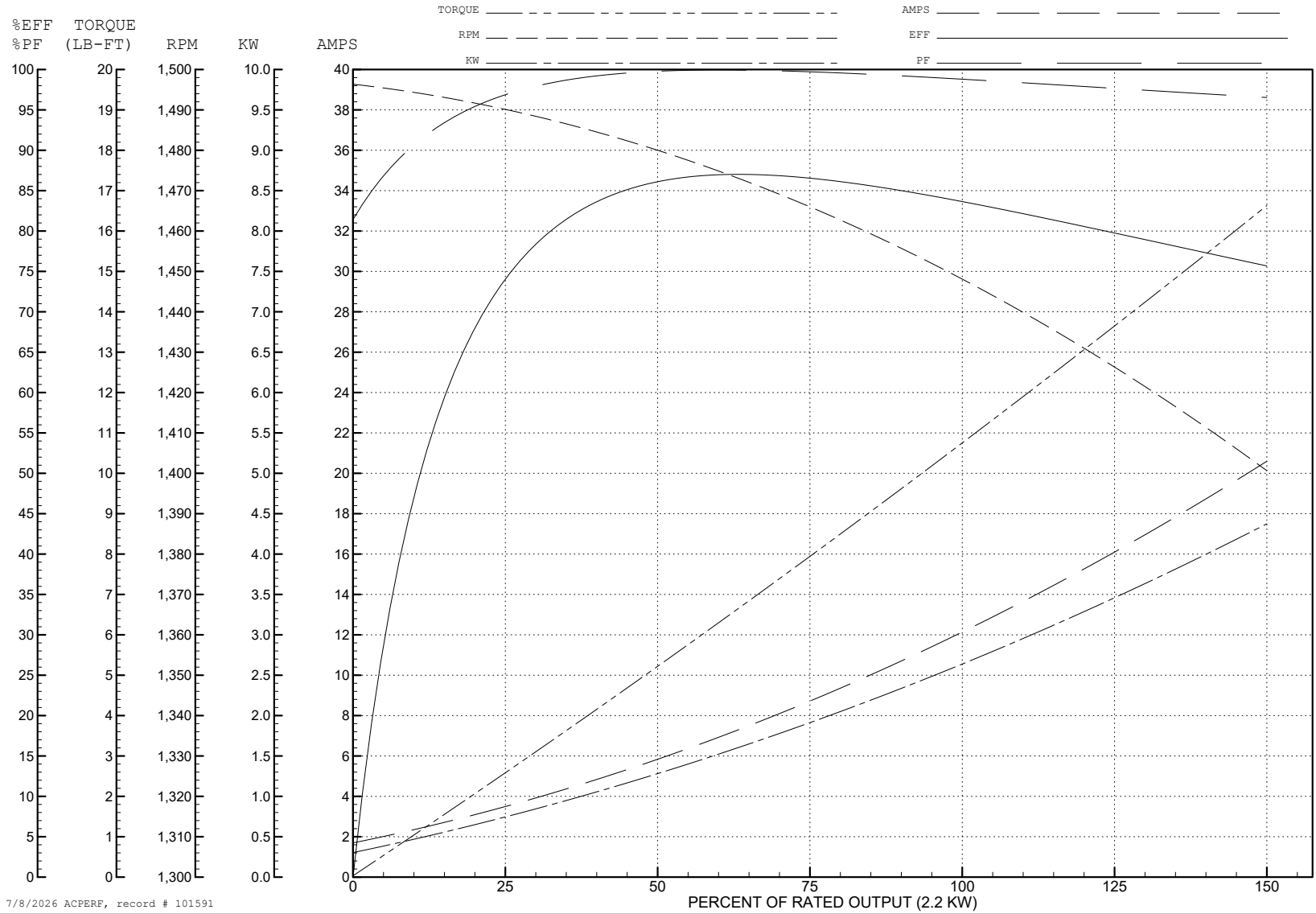
ABB Motors and Mechanical Inc.

WINDING # 36WGQ060

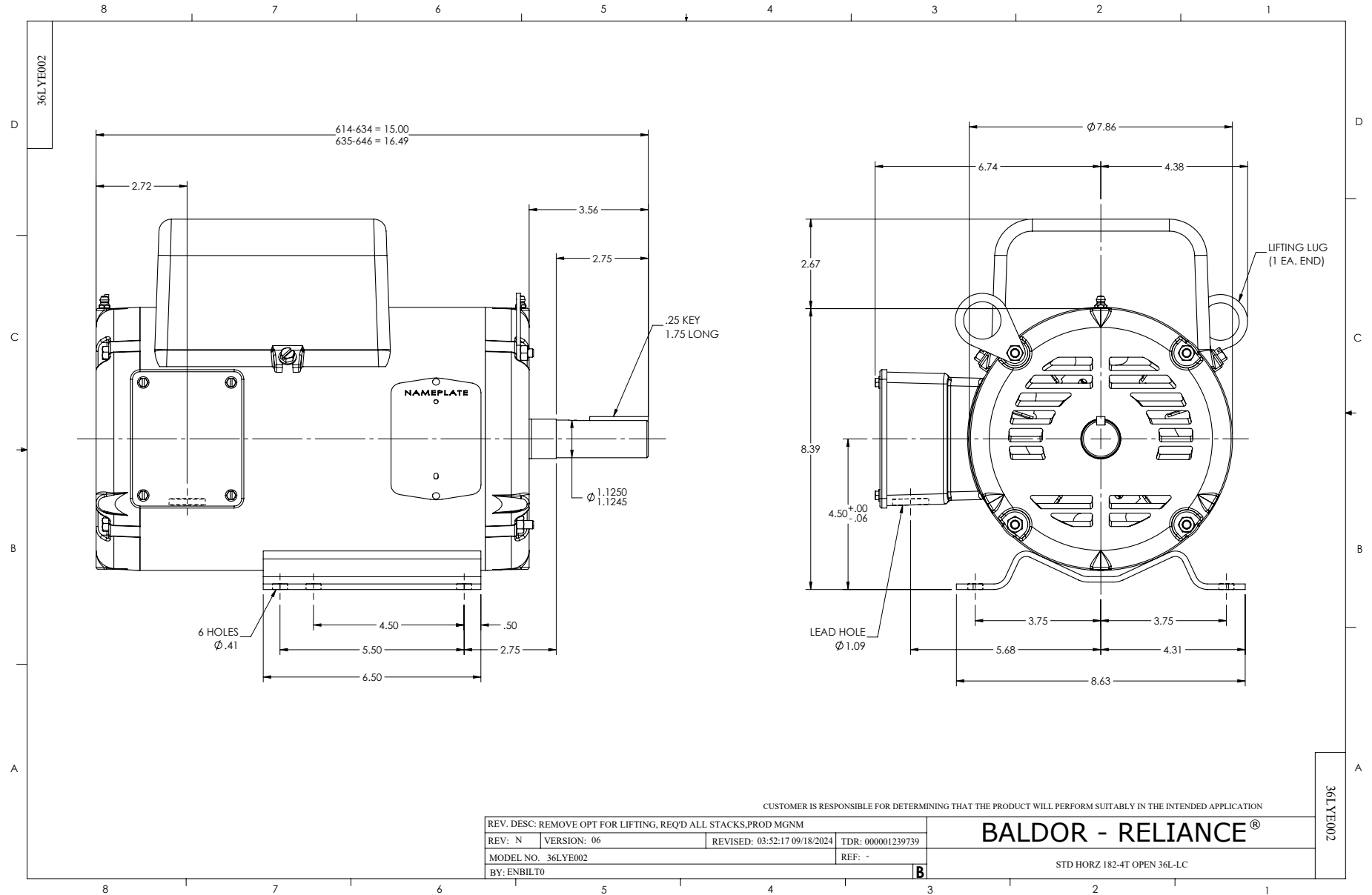
Typical performance - not guaranteed values.

2.2 KW 1 PH 50 HZ 1450 RPM 220 V 3646LC

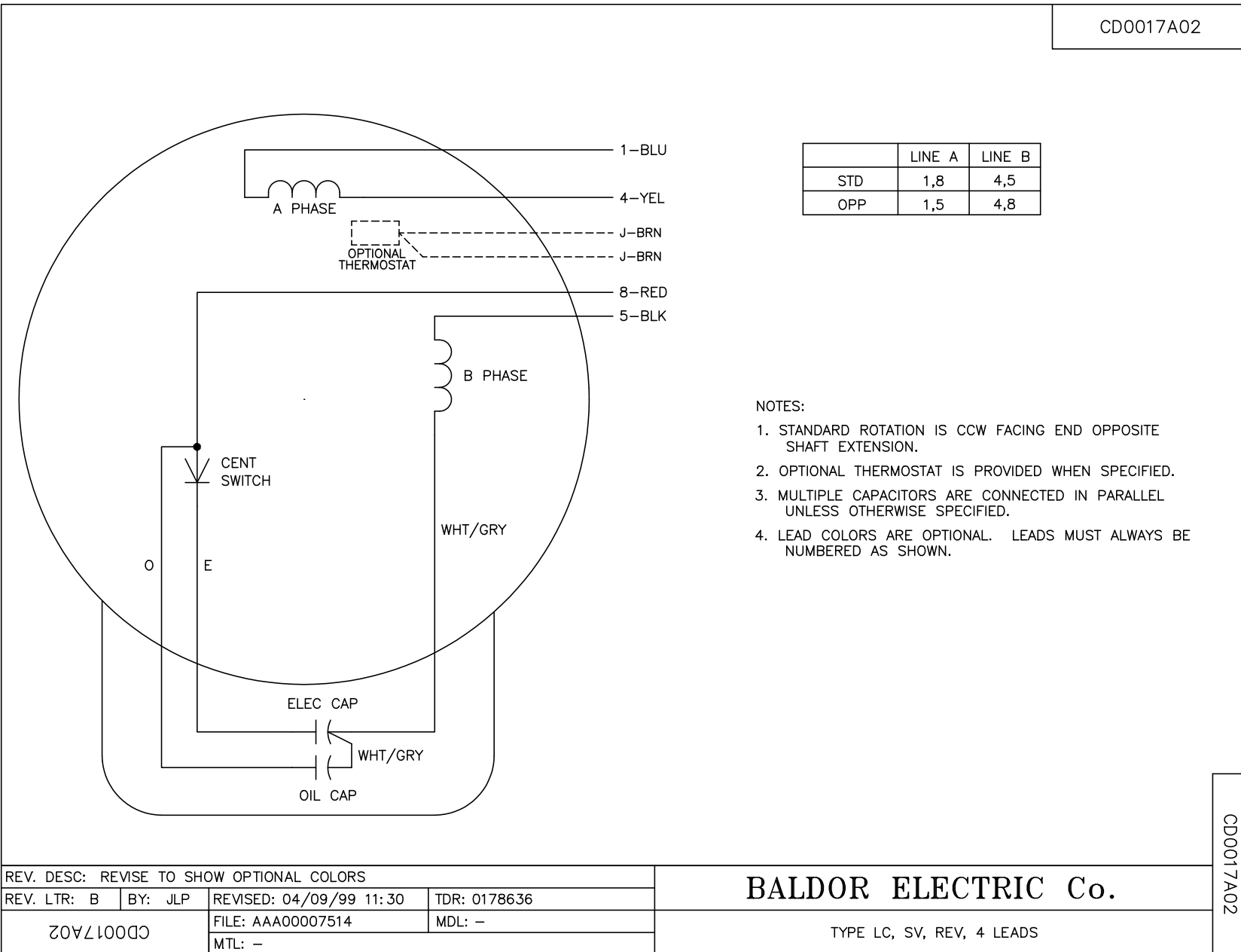
TORQUES (LB-FT): PO=20.2 PU=17.8 LR=37.3 LRA=81.4



7/8/2026 ACPERF, record # 101591



CD0017A02



	LINE A	LINE B
STD	1,8	4,5
OPP	1,5	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.

CD0017A02

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			
REV. LTR: B	BY: JLP	REVISED: 04/09/99 11:30	TDR: 0178636
CD0017A02		FILE: AAA00007514	MDL: -
		MTL: -	

**BALDOR ELECTRIC Co.**

TYPE LC, SV, REV, 4 LEADS