

# ABB BALDOR RELIANCE III

---

## Customer information packet

### L3609T

3HP, 1725RPM, 1PH, 60HZ, 184T, 3634LC, TEFC, F1

Class - None

Division - Not Applicable

**Specifications**

<b>Enclosure</b>	TEFC
<b>Frame</b>	184T
<b>Frame Material</b>	Steel
<b>Frequency</b>	60.00 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>	3.000 HP @ 60 HZ
<b>Phase</b>	1
<b>Synchronous Speed @ Frequency</b>	1800 RPM @ 60 HZ
<b>Voltage @ Frequency</b>	115.0 V @ 60 HZ 230.0 V @ 60 HZ
<b>Agency Approvals</b>	C UR US
<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>	14.000 A @ 230.0 V 15.500 A @ 208.0 V 28.000 A @ 115.0 V
<b>Design Code</b>	L
<b>Drip Cover</b>	No Drip Cover
<b>Duty Rating</b>	CONT
<b>Efficiency @ 100% Load</b>	78.0 %
<b>Electrically Isolated Bearing</b>	Not Electrically Isolated
<b>Feedback Device</b>	NO FEEDBACK
<b>Front Face Code</b>	Standard
<b>Front Shaft Indicator</b>	None
<b>Heater Indicator</b>	No Heater
<b>High Voltage Full Load Amps</b>	14.0 a

**Part Detail**

<b>Revision</b>	AM
<b>Type</b>	AC
<b>Mech. spec.</b>	36E004
<b>Base</b>	
<b>Status</b>	PRD/A
<b>Elec. spec.</b>	36WGY129
<b>Layout</b>	36LYE004
<b>Eff. date</b>	07-17-2025
<b>CD Diagram</b>	CD0055
<b>Poles</b>	04
<b>Leads</b>	4#14 A PH,2#16 B PH
<b>Proprietary</b>	False
<b>Created date</b>	01-01-0001

<b>Insulation Class</b>	F
<b>Inverter Code</b>	Not Inverter
<b>KVA Code</b>	K
<b>Lifting Lugs</b>	Standard Lifting Lugs
<b>Locked Bearing Indicator</b>	No Locked Bearing
<b>Motor Lead Exit</b>	Ko Box
<b>Motor Lead Quantity/Wire Size</b>	4 @ 14 AWG, A PH
<b>Motor Lead Termination</b>	Flying Leads
<b>Motor Standards</b>	NEMA
<b>Motor Type</b>	3634LC
<b>Mounting Arrangement</b>	F1
<b>Number of Poles</b>	4
<b>Overall Length</b>	16.56 IN
<b>Power Factor</b>	85
<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>Service Factor</b>	1.00
<b>Shaft Diameter</b>	1.125 IN
<b>Shaft Extension Location</b>	Pulley End
<b>Shaft Ground Indicator</b>	No Shaft Grounding
<b>Shaft Rotation</b>	Reversible
<b>Shaft Slinger Indicator</b>	No Slinger
<b>Speed</b>	1725 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>NP1256L</b>										
<b>CAT.NO.</b>	L3609T									
<b>SPEC.</b>	36E04Y129									
<b>HP</b>	3									
<b>VOLTS</b>	115/230									
<b>AMP</b>	28/14									
<b>RPM</b>	1725									
<b>FRAME</b>	184T	<b>HZ</b>	60		<b>PH</b>	1				
<b>SER.F.</b>	1.00	<b>CODE</b>	K	<b>DES</b>	L	<b>CLASS</b>	F			
<b>NEMA-NOM-EFF</b>	78	<b>PF</b>	85							
<b>RATING</b>	40C AMB-CONT									
<b>CC</b>										
<b>DE</b>	6206	<b>ODE</b>	6205							
<b>ENCL</b>	TEFC	<b>SN</b>								

**Accessories**

<b>Part number</b>	<b>Description</b>	<b>Multiplier</b>
36-3301	C FACE KIT	A8
36EP1304A62SP	FLANGE MTD ENDPLATE 182-4TD -ENCL (LESS	A8

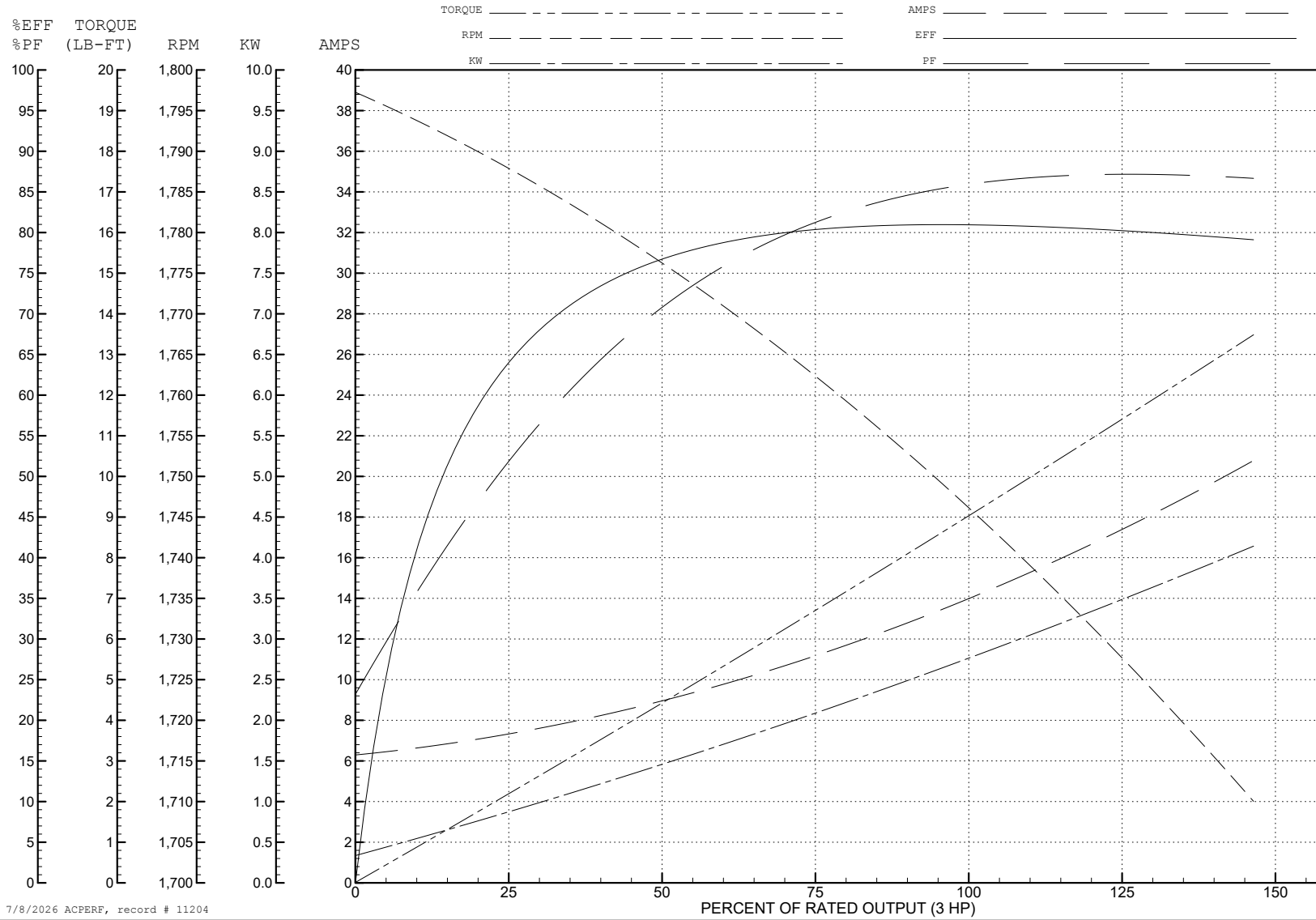
ABB Motors and Mechanical Inc.

WINDING # 36WGY129

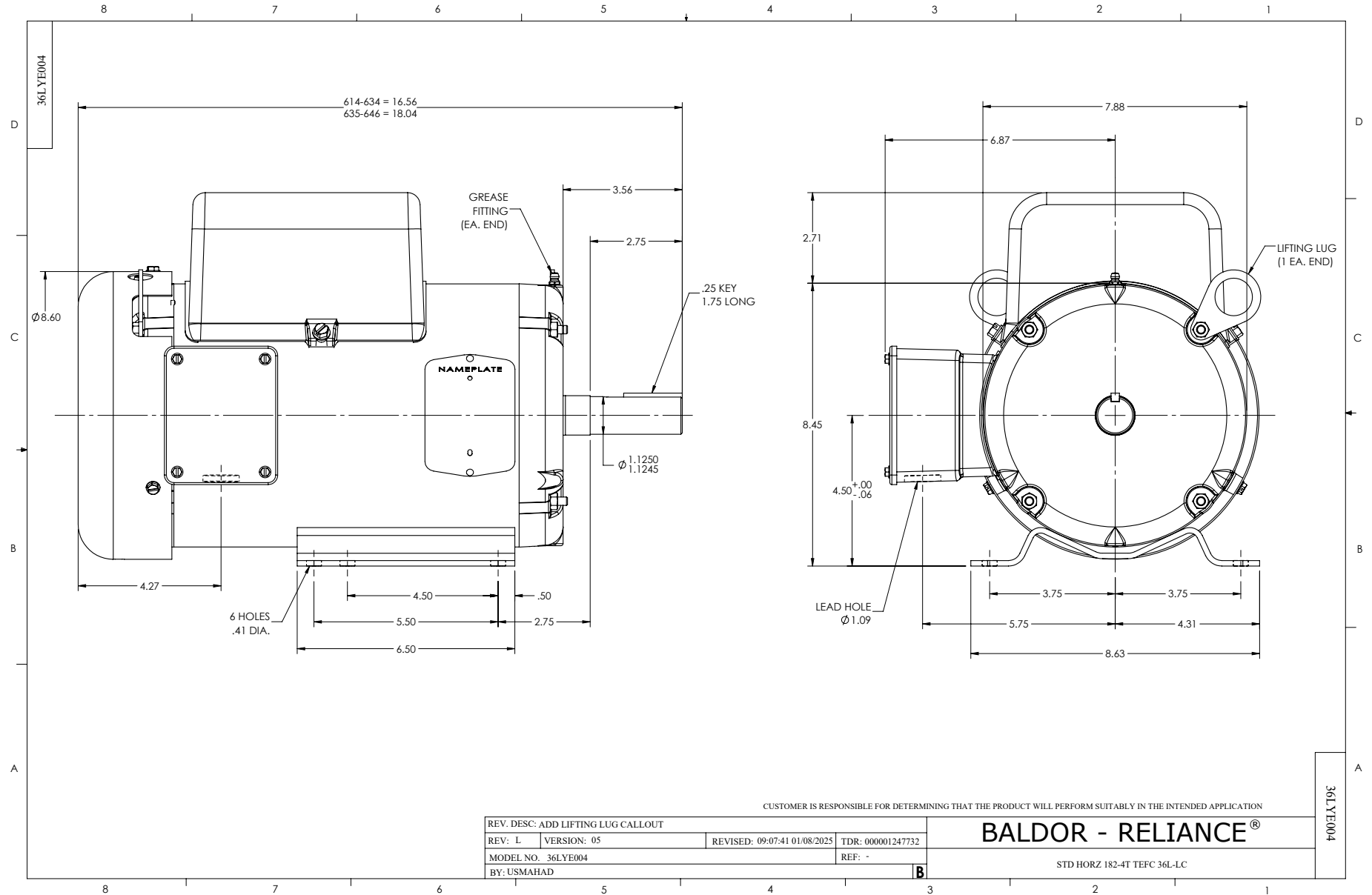
Typical performance - not guaranteed values.

3 HP 1 PH 60 HZ 1725 RPM 230 V 3634LC

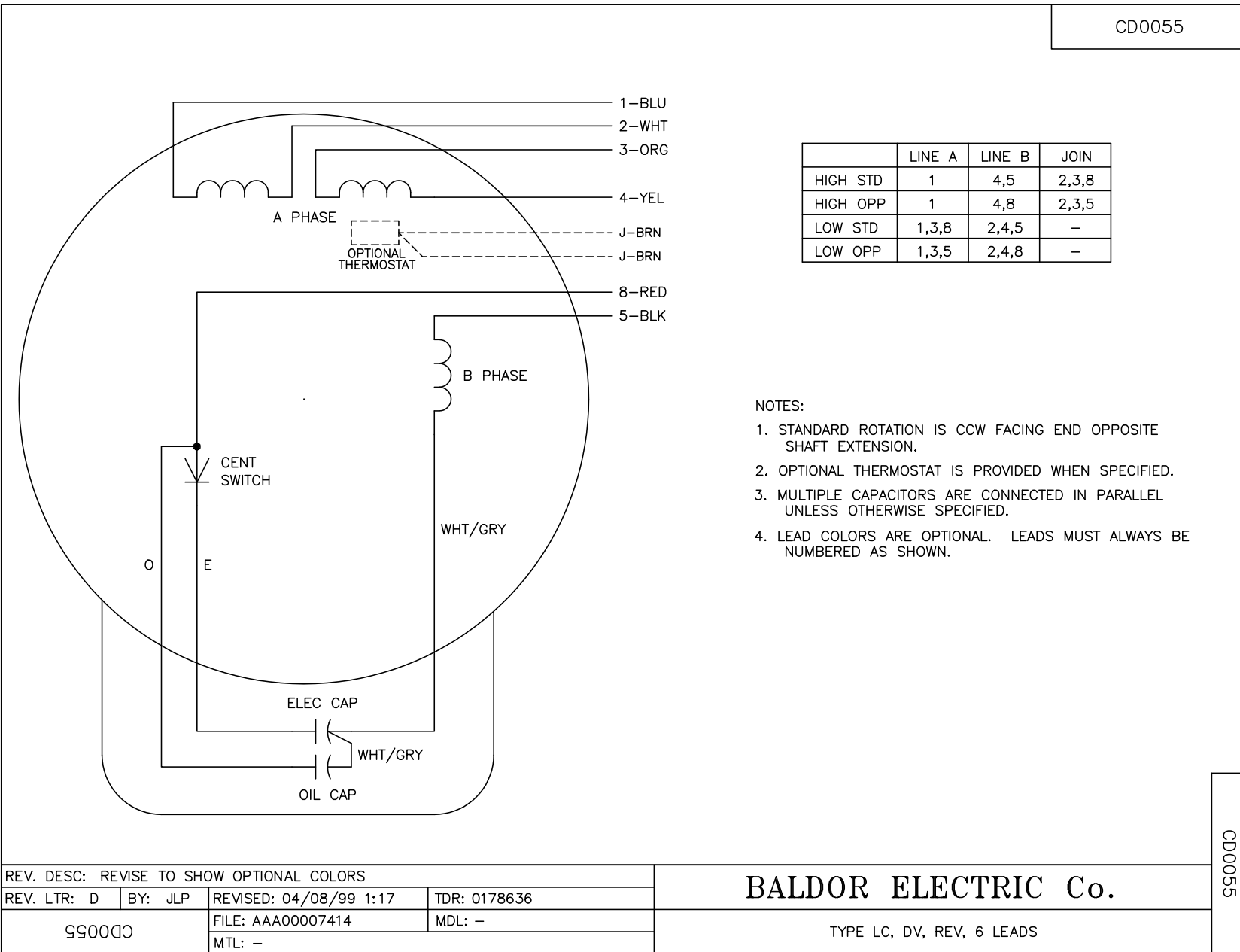
TORQUES (LB-FT): PO=23 PU=18 LR=29 LRA=105



7/8/2026 ACPERF, record # 11204



CD0055



	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.

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