

ABB BALDOR RELIANCE III

Customer information packet

L3613T

1.5HP, 1140RPM, 1PH, 60HZ, 184T, 3634LC, TEFC

Class - None

Division - Not Applicable

Specifications

Enclosure	TEFC
Frame	184T
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	1200 RPM @ 60 HZ
Voltage @ Frequency	115.0 V @ 60 HZ 230.0 V @ 60 HZ
Agency Approvals	C UR US
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	16.400 A @ 115.0 V 8.200 A @ 230.0 V 8.600 A @ 208.0 V
Design Code	L
Drip Cover	No Drip Cover
Duty Rating	CONT
Efficiency @ 100% Load	73.0 %
Electrically Isolated Bearing	Not Electrically Isolated
Feedback Device	NO FEEDBACK
Front Face Code	Standard
Front Shaft Indicator	None
Heater Indicator	No Heater
High Voltage Full Load Amps	8.2 a

Part Detail

Revision	AZ
Type	AC
Mech. spec.	36E004
Base	
Status	PRD/A
Elec. spec.	36WG839
Layout	36LYE004
Eff. date	07-17-2025
CD Diagram	CD0055
Poles	06
Leads	6#16
Proprietary	False
Created date	01-01-0001

Insulation Class	F
Inverter Code	Not Inverter
KVA Code	J
Lifting Lugs	Standard Lifting Lugs
Locked Bearing Indicator	No Locked Bearing
Motor Lead Exit	Ko Box
Motor Lead Quantity/Wire Size	6 @ 16 AWG
Motor Lead Termination	Flying Leads
Motor Standards	NEMA
Motor Type	3634LC
Mounting Arrangement	F1
Number of Poles	6
Overall Length	16.56 IN
Power Factor	81
Product Family	General Purpose
Pulley End Bearing Type	Ball
Pulley Face Code	Standard
Pulley Shaft Indicator	Standard
Rodent Screen	None
Service Factor	1.15
Shaft Diameter	1.125 IN
Shaft Extension Location	Pulley End
Shaft Ground Indicator	No Shaft Grounding
Shaft Rotation	Reversible
Shaft Slinger Indicator	No Slinger
Speed	1140 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

NP1256L									
CAT.NO.	L3613T								
SPEC.	36E04W839								
HP	1.5								
VOLTS	115/230								
AMP	16.4/8.2								
RPM	1140								
FRAME	184T		HZ	60			PH	1	
SER.F.	1.15	CODE	J	DES	L	CLASS	F		
NEMA-NOM-EFF	73	PF	81						
RATING	40C AMB-CONT								
CC									
DE	6206		ODE	6205					
ENCL	TEFC	SN							

Accessories

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

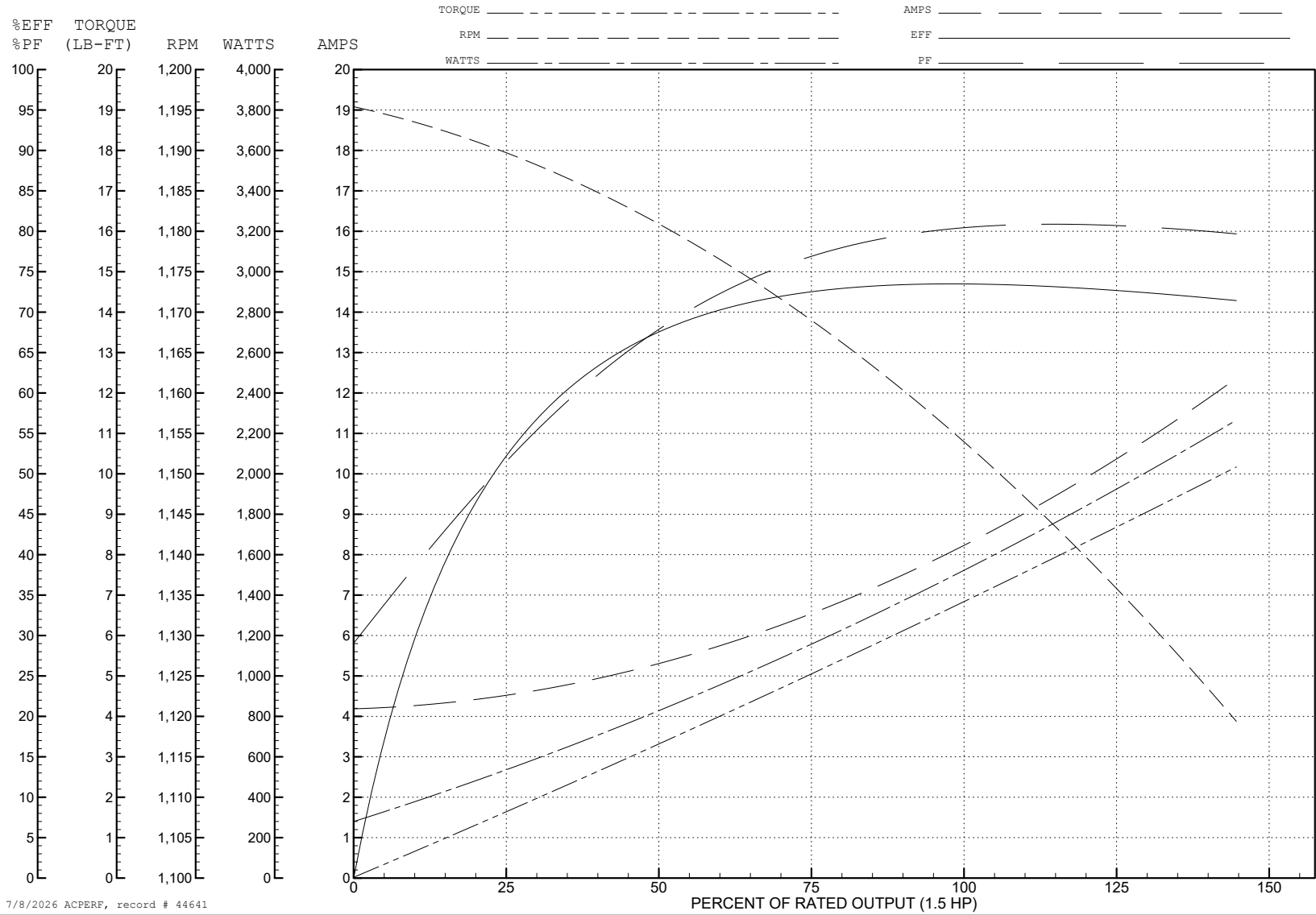
ABB Motors and Mechanical Inc.

WINDING # 36WGW839

Typical performance - not guaranteed values.

1.5 HP 1 PH 60 HZ 1140 RPM 230 V 3634LC

TORQUES (LB-FT): PO=16 PU=11 LR=15 LRA=84



7/8/2026 ACPERF, record # 44641

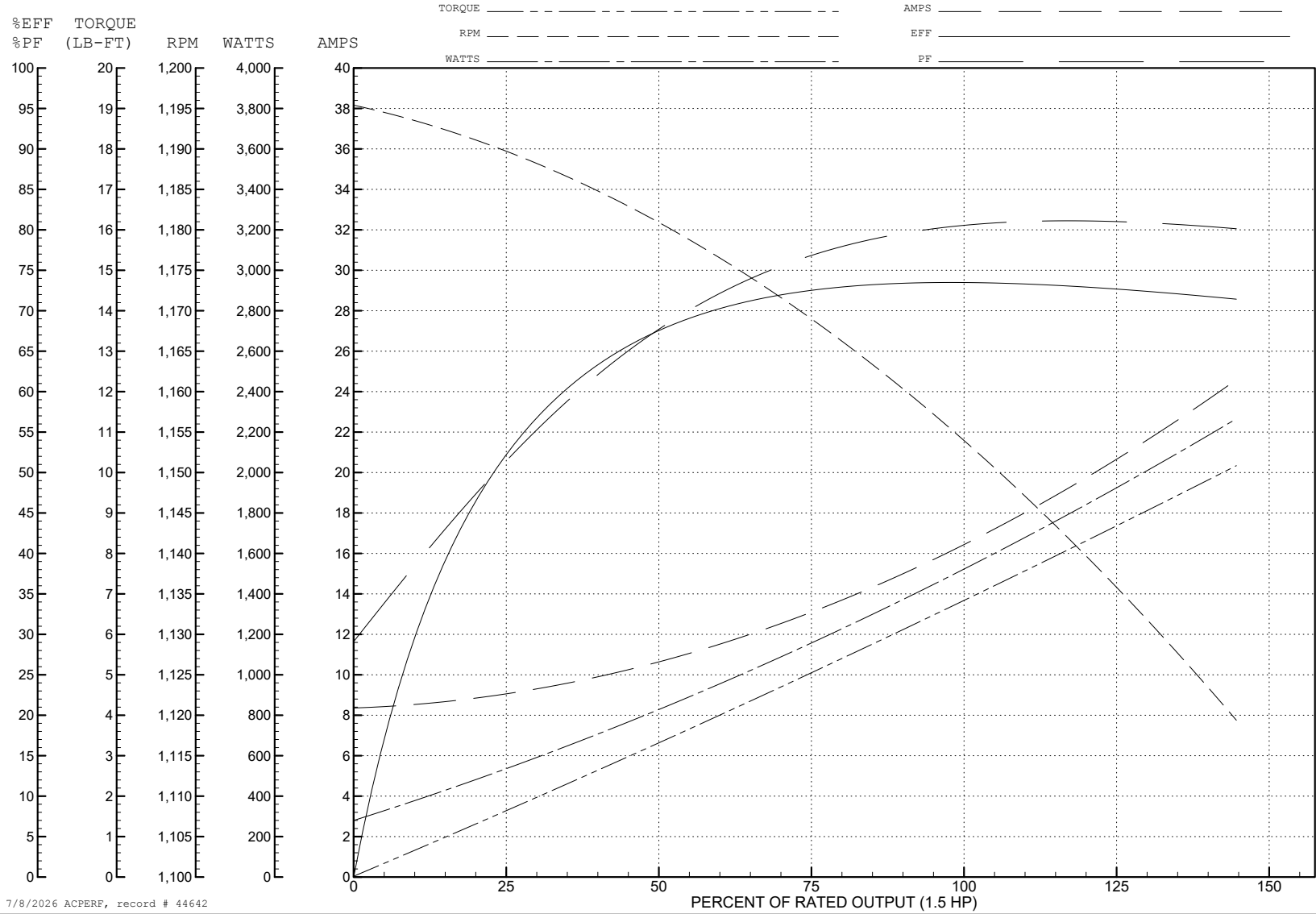
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WINDING # 36WGW839

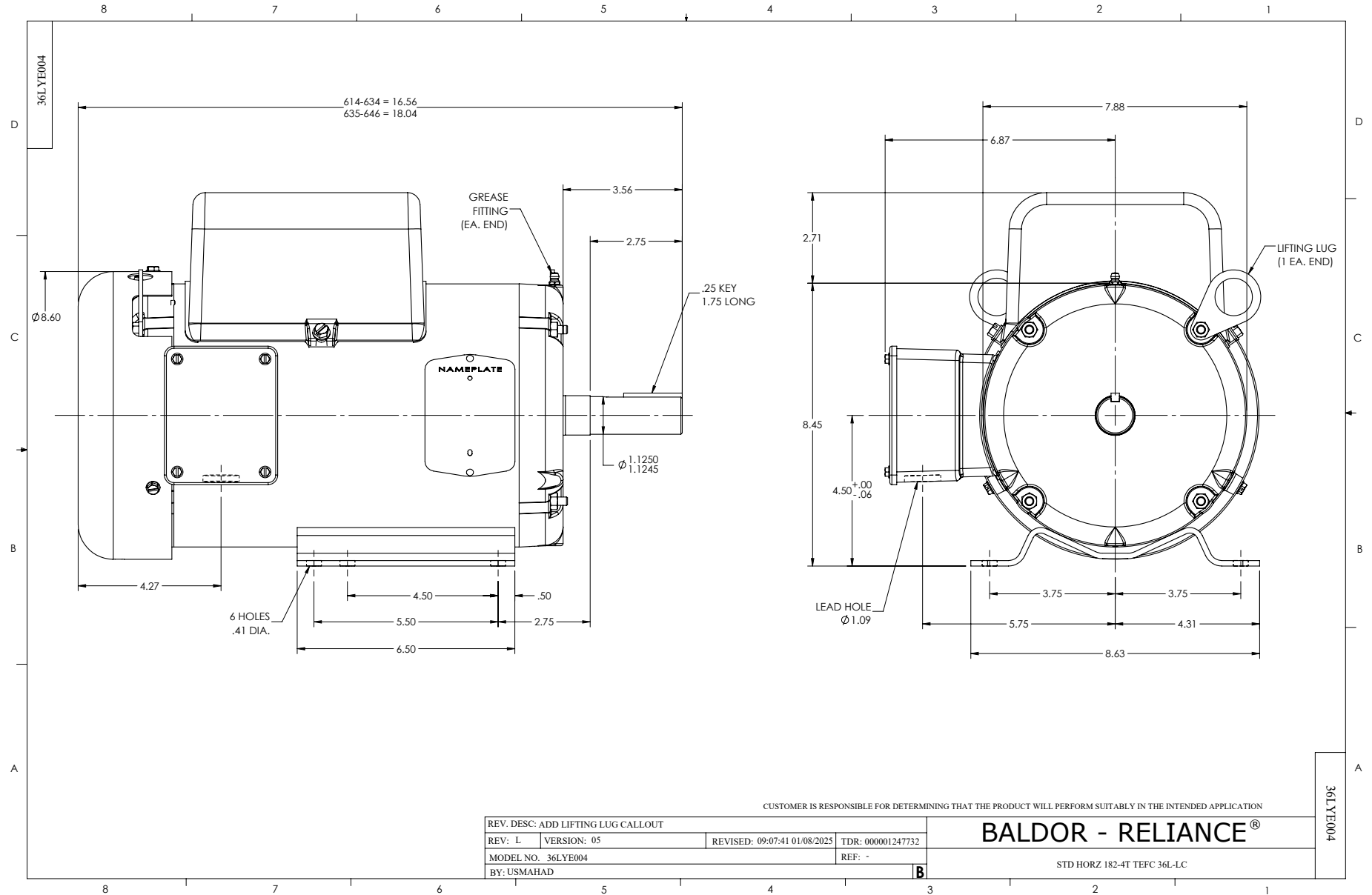
1.5 HP 1 PH 60 HZ 1140 RPM 115 V 3634LC

Typical performance - not guaranteed values.

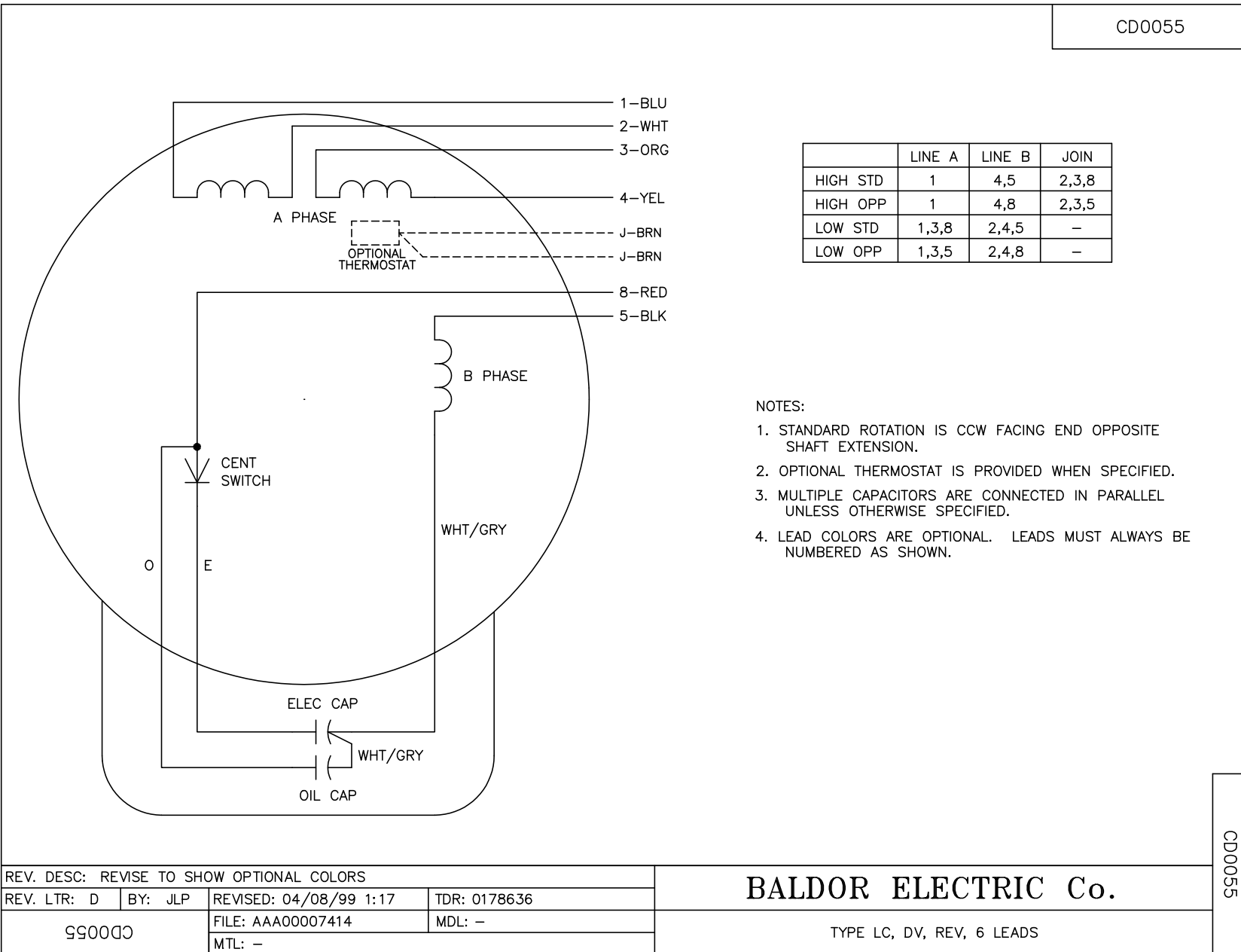
TORQUES (LB-FT): PO=16 PU=11 LR=15 LRA=84



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CD0055



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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