

# ABB BALDOR RELIANCE III

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## Customer information packet

### CDRXL05144

1HP, 1750RPM, 1PH, 60HZ, 56C, 3528L, XPFC, F1, N

Class - CLI GP C,D

Division - Division I

**Specifications**

<b>Enclosure</b>	XPFC
<b>Frame</b>	56C
<b>Frame Material</b>	Steel
<b>Frequency</b>	60.00 Hz
<b>Haz Area Class and Group</b>	CLI GP C,D
<b>Haz Area Division</b>	Division I
<b>Motor Letter Type</b>	Cap Start, Induction Run
<b>Output @ Frequency</b>	1.000 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>	UL CSA
<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>	12.400 A @ 115.0 V 6.200 A @ 230.0 V
<b>Design Code</b>	L
<b>Drip Cover</b>	No Drip Cover
<b>Duty Rating</b>	CONT
<b>Efficiency @ 100% Load</b>	68.0 %
<b>Electrically Isolated Bearing</b>	Not Electrically Isolated
<b>Feedback Device</b>	NO FEEDBACK
<b>Front Shaft Indicator</b>	None
<b>Haz Area Temp Code</b>	T3C
<b>Heater Indicator</b>	No Heater
<b>High Voltage Full Load Amps</b>	6.2 a

**Part Detail**

<b>Revision</b>	E
<b>Type</b>	AC
<b>Mech. spec.</b>	35X723
<b>Base</b>	
<b>Status</b>	PRD/A
<b>Elec. spec.</b>	35WGG376
<b>Layout</b>	35LYX723
<b>Eff. date</b>	05-29-2026
<b>CD Diagram</b>	CD0001
<b>Poles</b>	04
<b>Leads</b>	6#18
<b>Proprietary</b>	False
<b>Created date</b>	12-01-2022

<b>Insulation Class</b>	F
<b>Inverter Code</b>	Not Inverter
<b>KVA Code</b>	K
<b>Lifting Lugs</b>	No Lifting Lugs
<b>Locked Bearing Indicator</b>	Locked Bearing
<b>Motor Lead Quantity/Wire Size</b>	6 @ 18 AWG
<b>Motor Lead Termination</b>	Flying Leads
<b>Motor Standards</b>	NEMA
<b>Motor Type</b>	X3524L
<b>Mounting Arrangement</b>	F1
<b>Number of Poles</b>	4
<b>Overall Length</b>	15.16 IN
<b>Power Factor</b>	76
<b>Product Family</b>	Hazardous Location Motor
<b>Pulley End Bearing Type</b>	Ball
<b>Pulley Face Code</b>	C-Face
<b>Pulley Shaft Indicator</b>	Standard
<b>Rodent Screen</b>	None
<b>Service Factor</b>	1.00
<b>Shaft Diameter</b>	0.625 IN
<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>	Normally Closed Thermostat
<b>Vibration Sensor Indicator</b>	No Vibration Sensor
<b>Winding Thermal 1</b>	None
<b>Winding Thermal 2</b>	None

**Nameplate**

<b>NP0977XPSL</b>										
<b>NO.</b>									<b>CC</b>	
<b>SER.</b>									<b>TEMP CODE</b>	T3C
<b>SPEC.</b>	35X723G376G1									
<b>CAT.NO.</b>	CDRXL05144									
<b>HP</b>	1									
<b>VOLTS</b>	115/230									
<b>AMPS</b>	12.5/6.3									
<b>RPM</b>	1750				<b>MOTOR WEIGHT</b>					
<b>HERTZ</b>	60	<b>PH</b>	1	<b>CL</b>	F	<b>DE BRG</b>	6205			
<b>SER.F.</b>	1.00	<b>DES</b>	L	<b>CODE</b>	L	<b>ODE BRG</b>	6203			
<b>FRAME</b>	56C	<b>GREASE</b>	POLYREX EM							
<b>RATING</b>	40C AMB-CONT									
	<b>NEMA-NOM-EFF</b>							74	<b>PF</b>	69

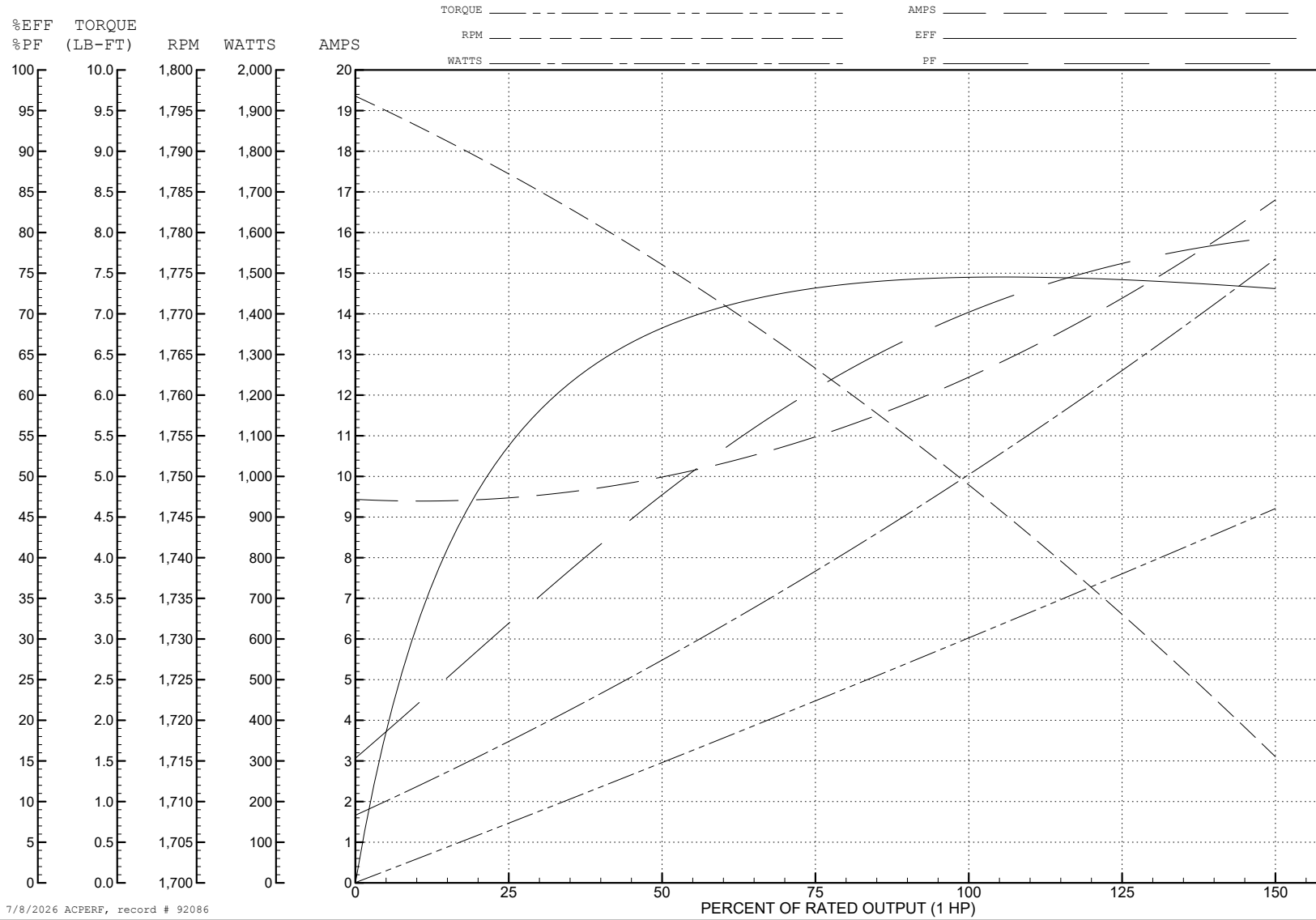
ABB Motors and Mechanical Inc.

WINDING # 35WGG376

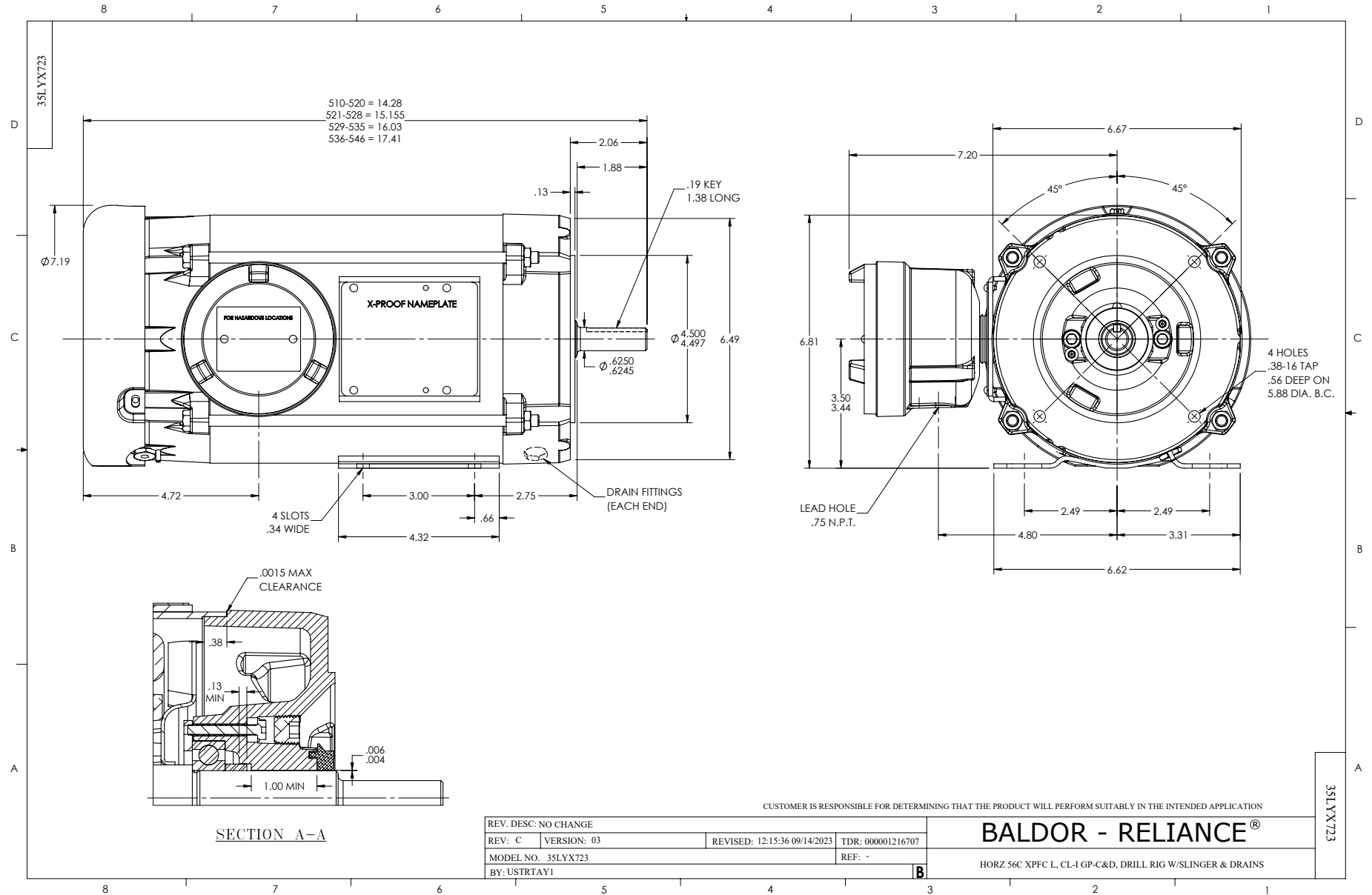
Typical performance - not guaranteed values.

1 HP 1 PH 60 HZ 1750 RPM 115 V 3528L

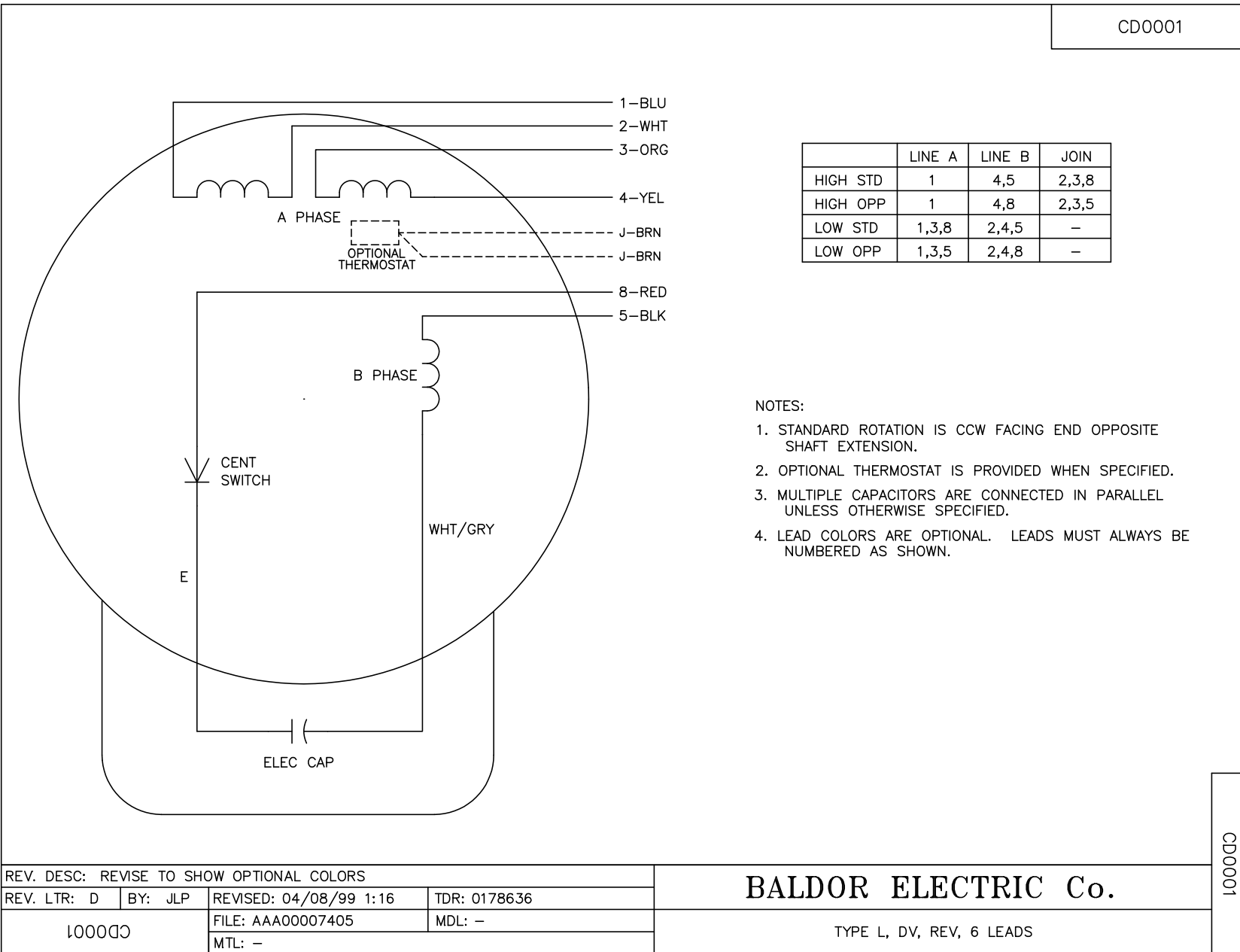
TORQUES (LB-FT): PO=9.7 PU=7.8 LR=13.9 LRA=85.3



7/8/2026 ACPERF, record # 92086



CD0001



CD0001

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			
REV. LTR: D	BY: JLP	REVISED: 04/08/99 1:16	TDR: 0178636
100000		FILE: AAA00007405	MDL: -
		MTL: -	

**BALDOR ELECTRIC Co.**

TYPE L, DV, REV, 6 LEADS