

# ABB BALDOR RELIANCE III

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## Customer information packet

L1306-50

.75/KW .56, 2900RPM, 1PH, 50HZ, 56, 3428LC, OP

Class - None

Division - Not Applicable

**Specifications**

<b>Enclosure</b>	OPEN
<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>	.550 KW @ 50 HZ
<b>Phase</b>	1
<b>Synchronous Speed @ Frequency</b>	3000 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>	6.800 A @ 110.0 V 3.400 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>	75.5 %
<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>	E
<b>Type</b>	AC
<b>Mech. spec.</b>	34F353
<b>Base</b>	
<b>Status</b>	PRD/A
<b>Elec. spec.</b>	34WGR749
<b>Layout</b>	34LYF353
<b>Eff. date</b>	12-31-2024
<b>CD Diagram</b>	CD0055
<b>Poles</b>	02
<b>Leads</b>	6#18
<b>Proprietary</b>	False
<b>Created date</b>	02-16-2023

<b>Heater Indicator</b>	No Heater
<b>High Voltage Full Load Amps</b>	3.4 a
<b>Insulation Class</b>	B
<b>Inverter Code</b>	Not Inverter
<b>KVA Code</b>	J
<b>Lifting Lugs</b>	No Lifting Lugs
<b>Locked Bearing Indicator</b>	No 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>	3428LC
<b>Mounting Arrangement</b>	F1
<b>Number of Poles</b>	2
<b>Overall Length</b>	11.00 IN
<b>Power Factor</b>	93
<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>	1.25
<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>	2900 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>	L1306-50
<b>SPEC.</b>	34F353R749G1
<b>HP</b>	.75/KW .56
<b>VOLTS</b>	110/220
<b>AMP</b>	6.8/3.4
<b>R.P.M. (1/MIN)</b>	2900
<b>FRAME</b>	56 <b>HZ</b> 50 <b>PH</b> 1
<b>SER.F.</b>	1.25 <b>CODE</b> J <b>DES</b> - <b>CL</b> B
<b>NEMA-NOM-EFF</b>	75.5 <b>PF</b> 93
<b>RATING</b>	40C AMB-S1 CONT
<b>CC</b>	IP23 18KG IC01
<b>DE</b>	6203 <b>ODE</b> 6203
<b>ENCL</b>	OPEN <b>SN</b>
	IE2-50HZ 75(75%),68(50%)

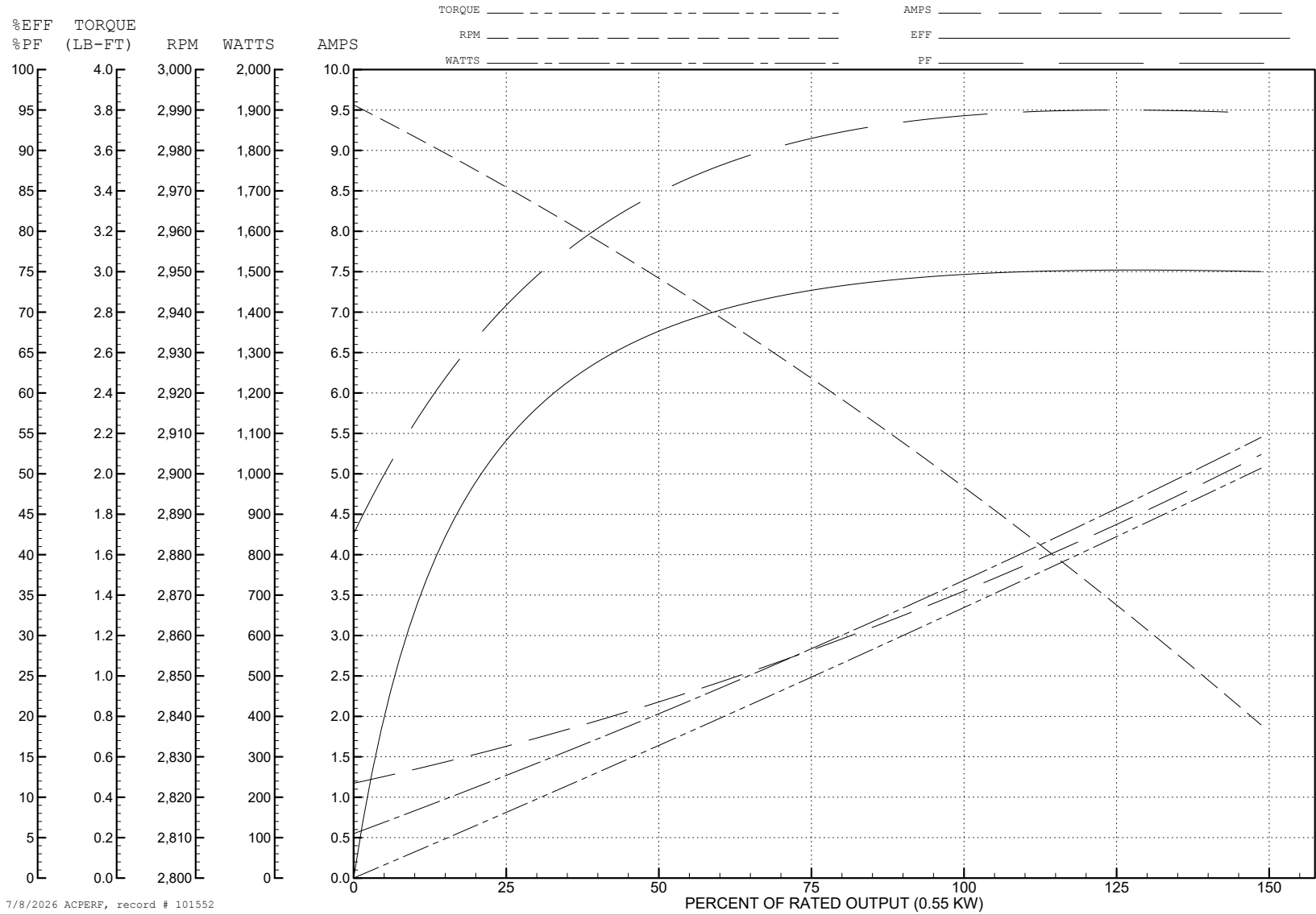
ABB Motors and Mechanical Inc.

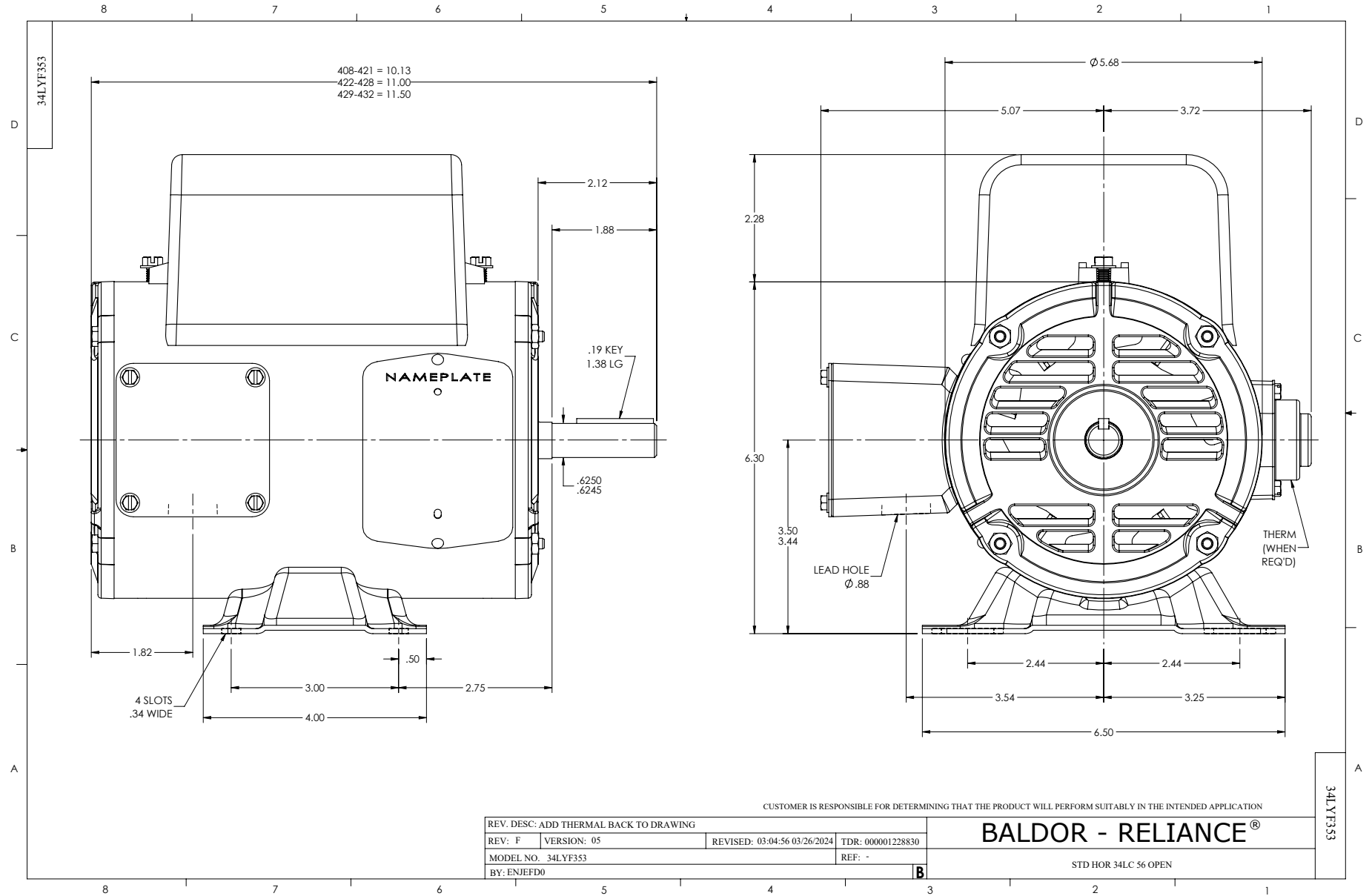
WINDING # 34WGR749

Typical performance - not guaranteed values.

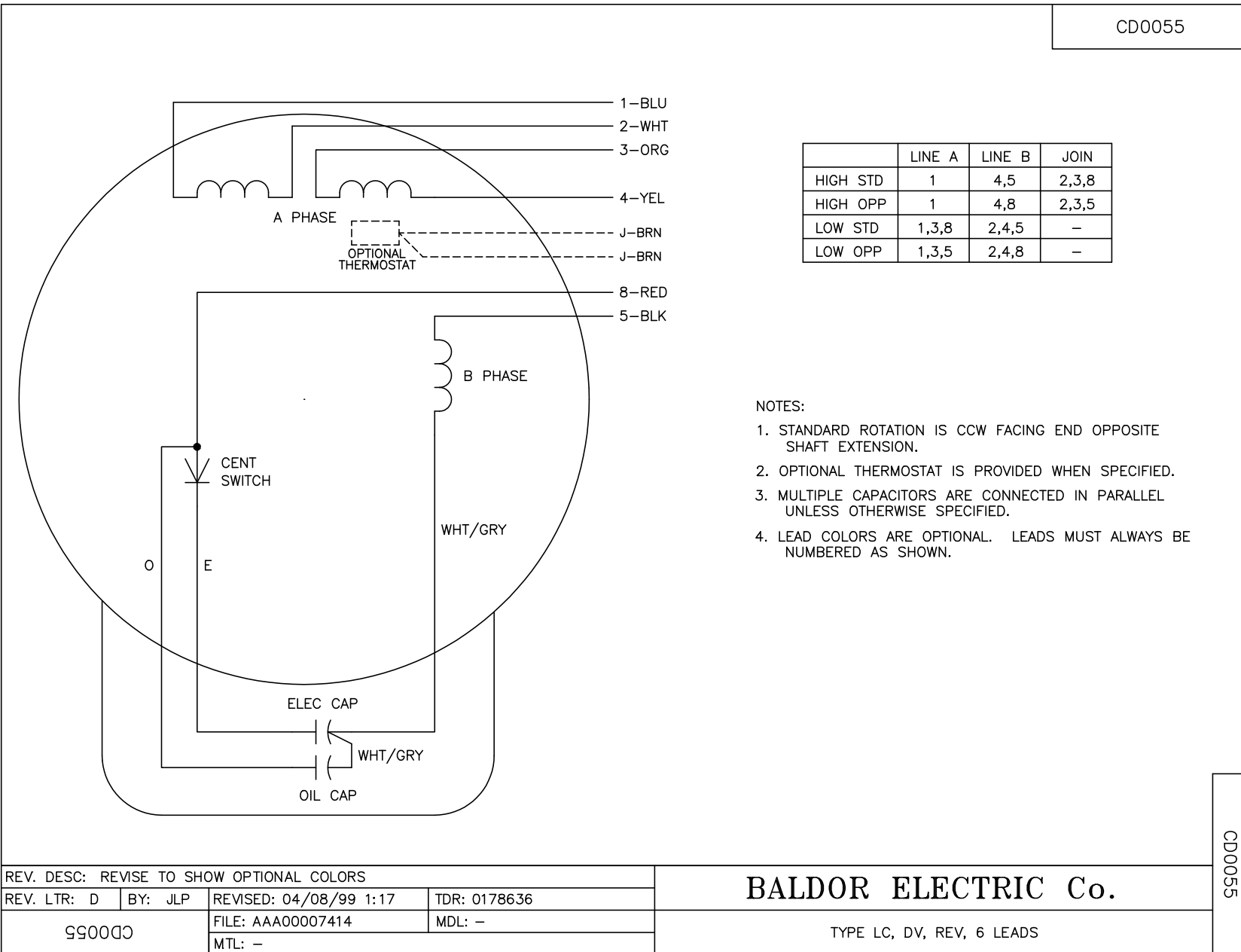
0.55 KW 1 PH 50 HZ 2900 RPM 220 V 3428LC

TORQUES (LB-FT): PO=3.9 PU=2.87 LR=3.02 LRA=26.2





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