

BALDOR® • *RELIANCE*

Product Information Packet

VL1306

.75HP,3450RPM,1PH,60HZ,56C,3420L,OPEN,F1

Product Detail							
Revision:	M	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod Type:	3420L	Elec. Spec:	34WG5897	CD Diagram:	CD0001
Enclosure	OPEN	Mfg Plant:		Mech Spec:	34P046	Layout:	34LYP046
Frame:	56C	Mounting:	F1	Poles:	02	Created Date:	
Base:	N	Rotation:	R	Insulation:	B	Eff. Date:	07-28-2004
Leads:	6#18					Replaced By:	
Nameplate NP1256L							
CAT.NO.	VL1306						
SPEC.	34P46-5897						
HP	3/4						
VOLTS	115/230						
AMP	9.4/4.7						
RPM	3450						
FRAME	56C	HZ	60	PH	1		
SER.F.	1.25	CODE	J	DES	N	CLASS	B
NEMA-NOM-EFF	72	PF	71				
RATING	40C AMB-CONT						
CC		USABLE AT 208V	5.8				
DE	6203	ODE	6203				
ENCL	OPEN	SN					
	SFA 11/5.5						

Parts List			
Product ID	Description	Quantity	List Price
SA007777	SA 34P46-5897	1.000	176.00
RA004224	RA 34P46-5897	1.000	147.00
NS2512A01	INSULATOR, CONDUIT BOX X X	1.000	2.00
34CB3002A	CB CAST W/.88 DIA HOLE	1.000	13.00
51XB1016A07	10-16 X 7/16 HXWSSLD SERTYB	2.000	2.00
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000	2.00
34EP3200A03	FR ENDPLATE, MACH	1.000	49.00
SP1006A01	TERM. BOARD, MODE 35 SW X H-23655	1.000	7.00
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000	2.00
NS2501A01	INSULATOR, CAPACITOR X	1.000	2.00
51XB1016A05	10-16X5/16HX WA SL SR TYB (F/S)	2.000	2.00
HW5100A03SP	WAVY WASHER (W1543-017)	1.000	2.00
34EP3400A05	PU ENDPLATE, MACH	1.000	58.00
34AD2000	BAFFLE PLATE, STAMPED	1.000	2.00
51XT0632A06	6-32X3/8 TY23 HXWS SLDSR	4.000	2.00
51XN1032A20	10-32 X 1 1/4 HX WS SL SR	2.000	2.00
34FH4000A11	DRIP COVER, STAMPED	1.000	6.00
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000	3.00
34CB4517	CB LID 4 MTG HOLES .22 DIA STAMPED, FOR	1.000	5.00
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000	2.00
HW2501D13SP	KEY, 3/16 SQ X 1.375	1.000	2.00
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000	2.00
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.014	4,000.00
10XF0440S02	04-40 X 1/8 TYPE F HEX HD STAINLESS STIC	2.000	2.00

Parts List (continued)			
Product ID	Description	Quantity	List Price
EC1400A03SP	ELEC CAP, 400-480 MFD, 125V, 1.81D X 3.	1.000	23.00
33CB4800A02	CAPACITOR COVER, STAMPED	1.000	3.00
SP5056A24	MODEL 34 TYPE L STATIONARY SWITCH WITH L	1.000	18.00
HA3100A45	THRUBOLT 10-32 X 8.875	4.000	5.00
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000	2.00
LC0001A01	CONN LABEL / WARNING LABEL (LC0001 / LB1	1.000	2.00
NP1256L	NP STD LASER ENGRAVED, UL CSA CC, W/O TH	1.000	3.00
34PA1005	PACKING GROUP, BALDOR	1.000	10.00

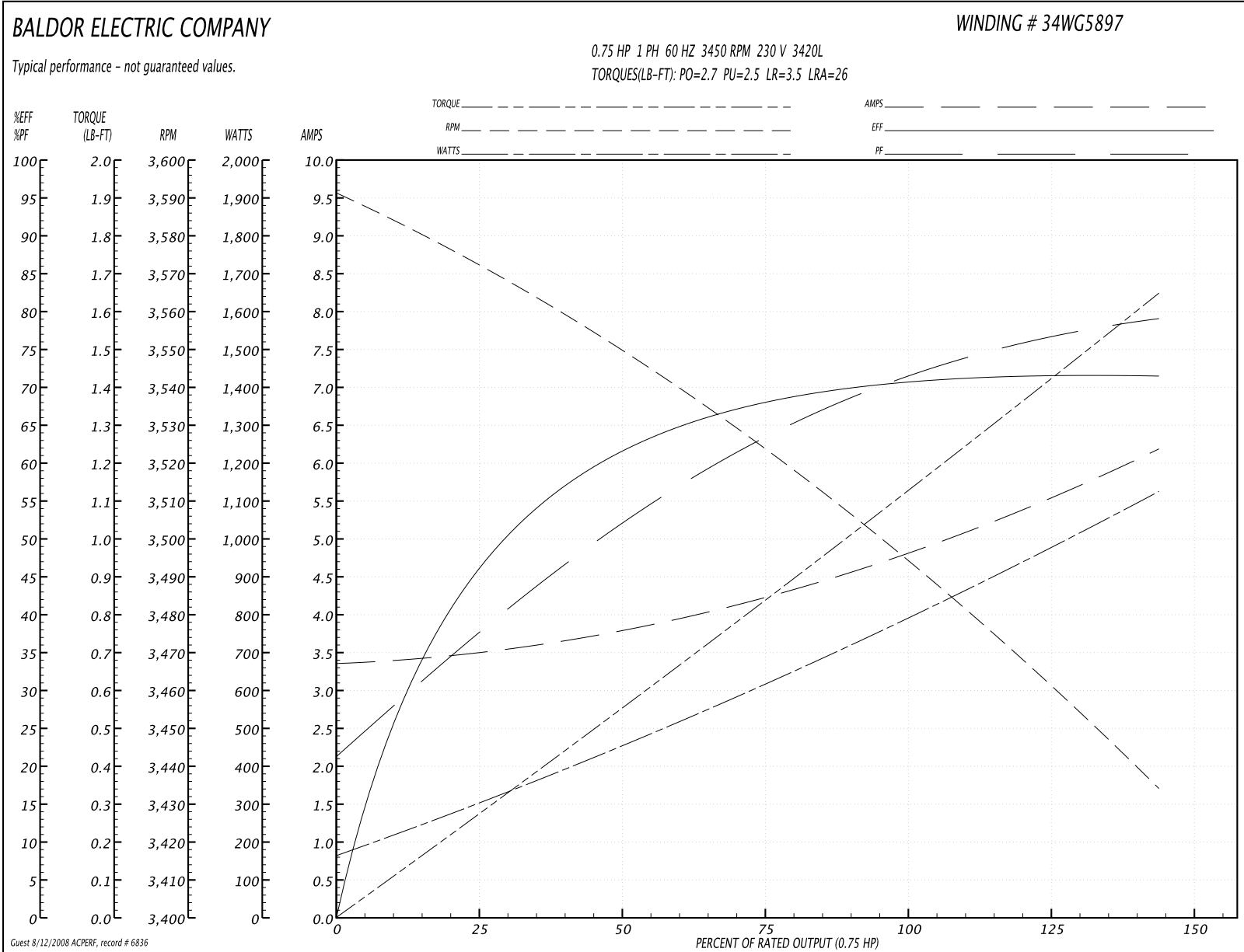
Performance Data at 230V, 60Hz, 0.75HP (Typical performance - Not guaranteed values)
General Characteristics

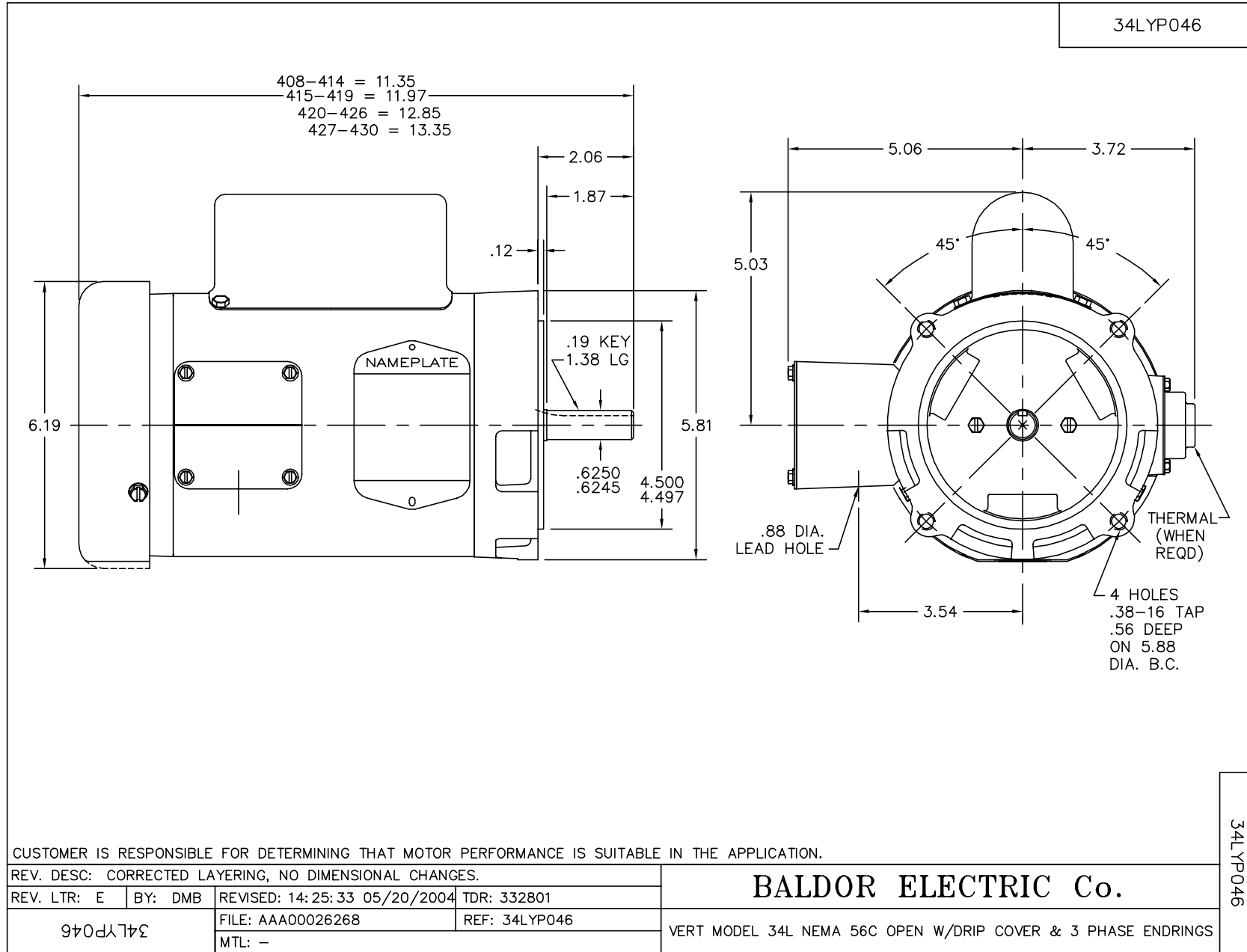
Full Load Torque:	1.1 LB-FT	Start Configuration:	DOL
No-Load Current:	3.35 Amps	Break-Down Torque:	2.7 LB-FT
Line-line Res. @ 25°C.:	3.34 Ohms A Ph / 3.22 Ohms B Ph	Pull-Up Torque:	2.5 LB-FT
Temp. Rise @ Rated Load:	38°C	Locked-Rotor Torque:	3.5 LB-FT
Temp. Rise @ S.F. Load:	51°C	Starting Current:	26.0 Amps

Load Characteristics

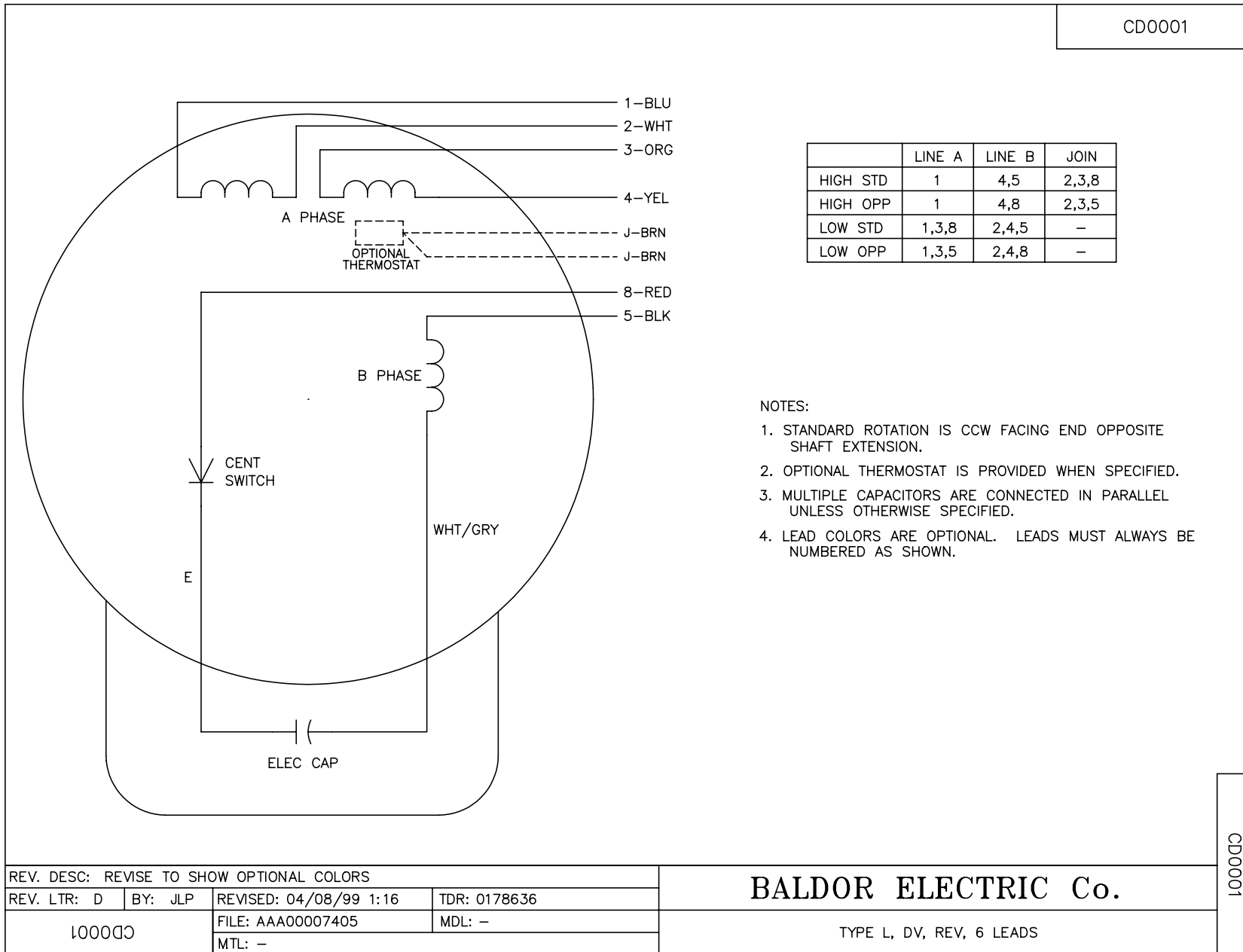
% of Rated Load:	25	50	75	100	125	150	S.F.
Power Factor:	38.0	53.0	64.0	73.0	79.0	83.0	0.0
Efficiency:	45.8	61.1	67.8	70.8	71.7	71.3	0.0
Speed:	3572.0	3549.0	3525.0	3498.0	3468.0	3433.0	0.0
Line Amperes:	3.5	3.8	4.2	4.75	5.4	6.2	5.4

Performance Graph at 230V, 60Hz, 0.75HP (Typical performance - Not guaranteed values)





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

CD0001