



BALDOR® • *RELIANCE*

Product Information Packet

L3408

.5HP,3450RPM,1PH,60HZ,48,3413L,TEFC,F1

Product Detail									
Revision:	H	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod Type:	3413L	Elec. Spec:	34WGX716	CD Diagram:	CD0001		
Enclosure	TEFC	Mfg Plant:		Mech Spec:	34H640	Layout:	34LYH640		
Frame:	48	Mounting:	F1	Poles:	02	Created Date:			
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	08-19-2008		
Leads:	6#18	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP1256L									
CAT.NO.	L3408								
SPEC.	34H640X716								
HP	.5								
VOLTS	115/230								
AMP	7/3.5								
RPM	3450								
FRAME	48	HZ			60	PH	1		
SER.F.	1.25	CODE			L	DES	N	CLASS	B
NEMA-NOM-EFF	66	PF			72				
RATING	40C AMB-CONT								
CC				USABLE AT 208V	4.1				
DE	6203	ODE			6203				
ENCL	TEFC	SN							
	SFA 8/4								

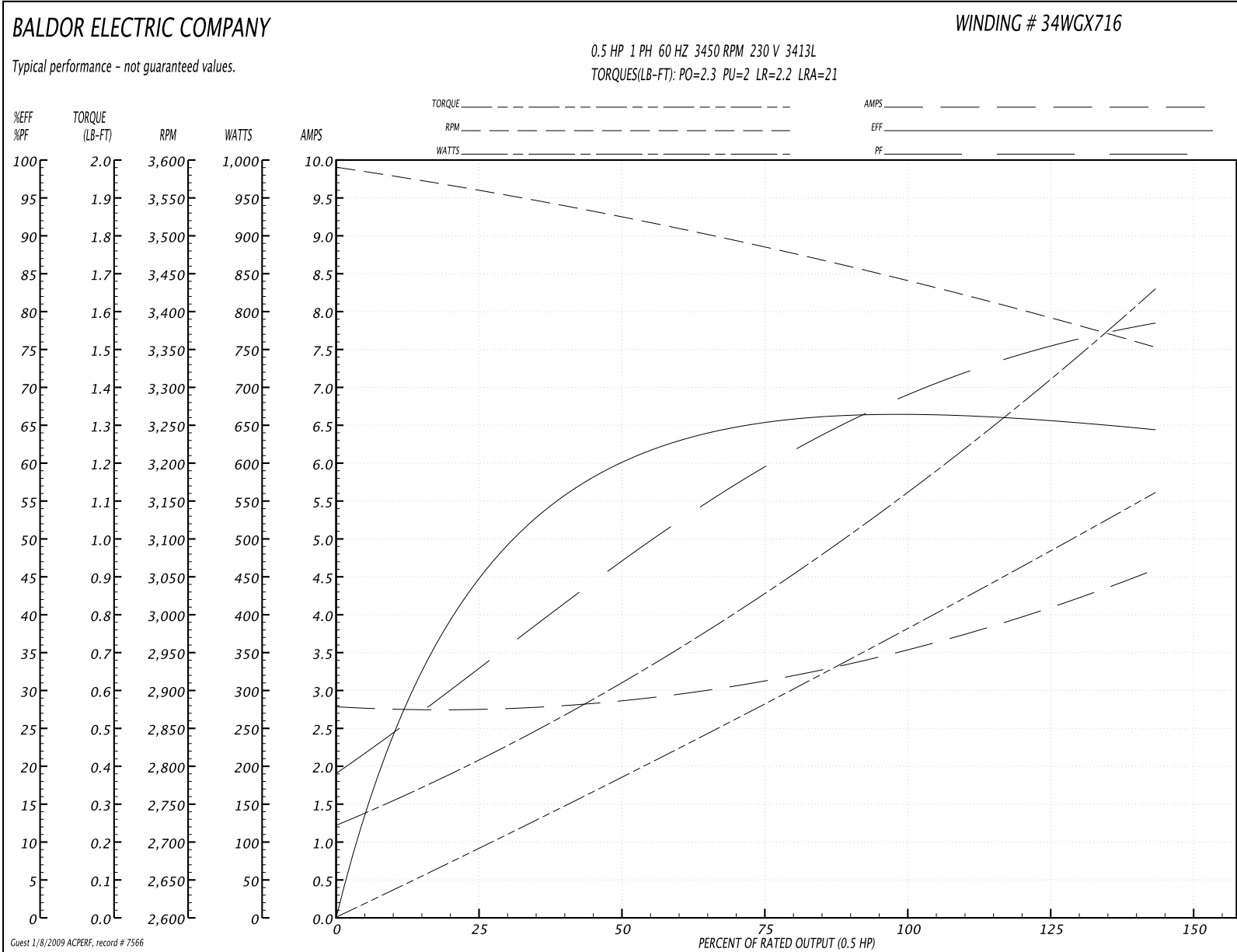
Parts List			
Product ID	Description	Quantity	List Price
SA047677	SA 34H640X716	1.000	164.00
RA042927	RA 34H640X716	1.000	137.00
EC1400A03SP	ELEC CAP, 400-480 MFD, 125V, 1.81D X 3.	1.000	23.00
NS2512A01	INSULATOR, CONDUIT BOX X X	1.000	2.00
34CB3002A	CB CAST W/.88 DIA HOLE	1.000	13.00
34GS1029A01	GASKET, CONDUIT BOX	1.000	2.00
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	3.00
34EP3102A01SP	FR ENDPLATE, MACH	1.000	68.00
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
34EP3102A02SP	FR/PU ENDPLATE, MACH	1.000	24.00
XY1032A02	10-32 HEX NUT DIRECTIONAL SERRATION	4.000	2.00
34FN3002A01SP	EXTERNAL FAN, PLASTIC, .637/.639 HUB W/	1.000	14.00
34FH4002A01SP	IEC FH NO GREASER	1.000	23.00
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
34GS1031A01	GASKET, FLAT CONDUIT BOX LID (LEXIDE)	1.000	2.00
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000	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
SP5056A24	MODEL 34 TYPE L STATIONARY SWITCH WITH L	1.000	18.00

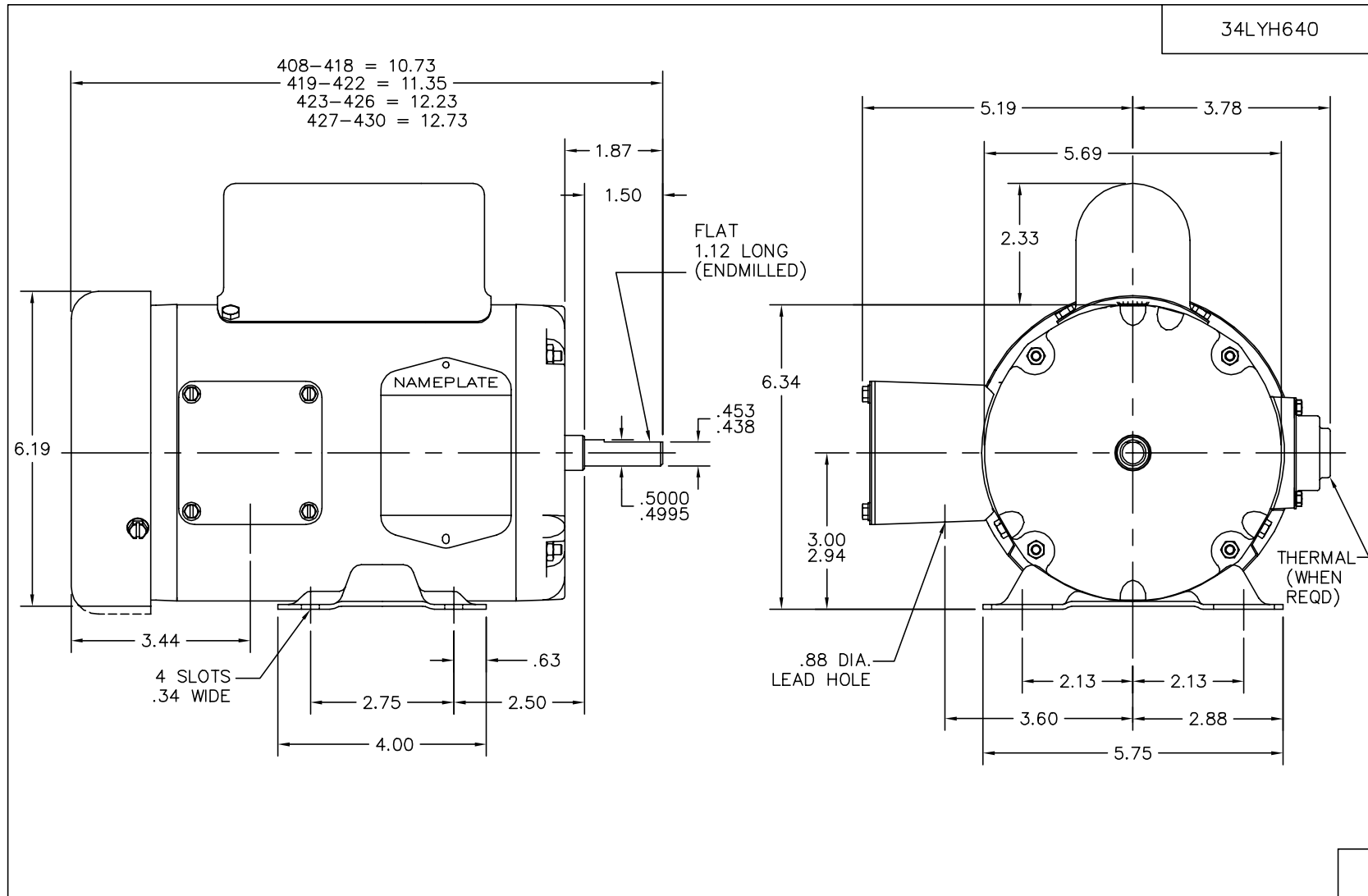
Parts List (continued)			
Product ID	Description	Quantity	List Price
33CB4800A01	CAPACITOR COVER, STAMPED	1.000	10.00
35GS3001A01	GASKET, CAPACITOR COVER	1.000	4.00
HA3100A12	THRUBOLT 10-32 X 7.375	4.000	2.00
LB5040	INSTRUCTION TAG, AC & DC	1.000	2.00
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	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, 0.5HP (Typical performance - Not guaranteed values)

General Characteristics							
Full Load Torque:	0.75 LB-FT			Start Configuration:	DOL		
No-Load Current:	2.76 Amps			Break-Down Torque:	2.3 LB-FT		
Line-line Res. @ 25°C.:	4.163 Ohms A Ph / 4.624 Ohms B Ph			Pull-Up Torque:	2.0 LB-FT		
Temp. Rise @ Rated Load:	67°C			Locked-Rotor Torque:	2.2 LB-FT		
Temp. Rise @ S.F. Load:	84°C			Starting Current:	21.0 Amps		
Load Characteristics							
% of Rated Load:	25	50	75	100	125	150	S.F.
Power Factor:	29.0	48.0	60.0	69.0	76.0	78.0	76.0
Efficiency:	50.7	58.5	64.8	66.2	65.8	64.6	65.8
Speed:	3548.0	3520.0	3489.0	3449.0	3405.0	3346.0	3405.0
Line Amperes:	2.78	2.88	3.13	3.5	3.95	4.64	3.95

Performance Graph at 230V, 60Hz, 0.5HP (Typical performance - Not guaranteed values)





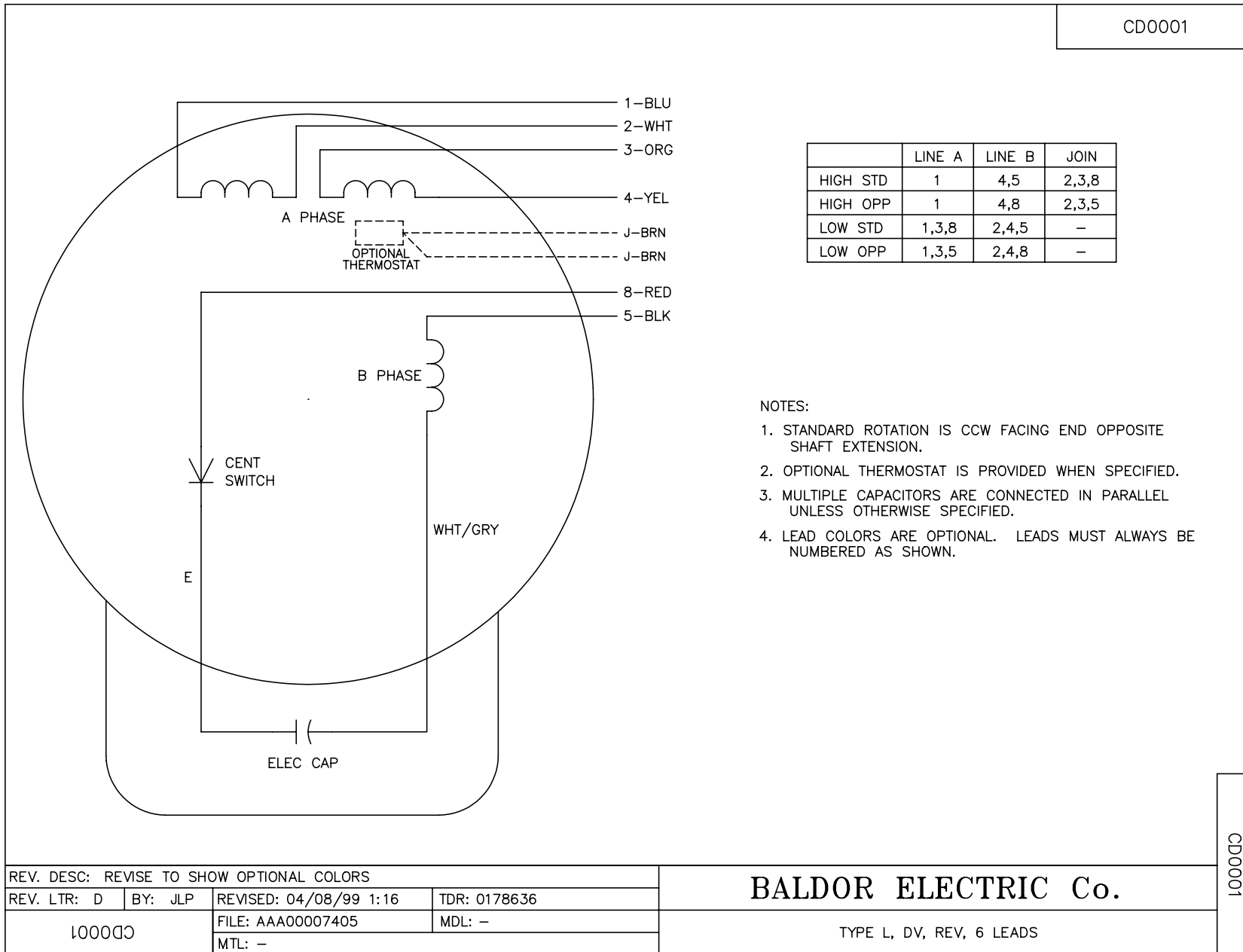
CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION.

REV. DESC: UPDATED DRAWING		
REV. LTR: B	VERSION: 01	TDR: 000000424628
049HY7L7C	FILE: \AAA\00064\447	REVISED: 13:28:11 03/08/2007
	MTL: -	BY: ENROSTO

BALDOR ELECTRIC Co.
STD HORZ 34L NEMA 48 TEFC W/33 CAPAC BOX AND 3 PHASE E.R.

34LYH640

CD0001



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.

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