



BALDOR® • *RELIANCE*

Product Information Packet

PCL3515M

2HP,3450RPM,1PH,60HZ,56C,3524LC,TEFC,F1

Product Detail							
Revision:	N	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod Type:	3524LC	Elec. Spec:	35WGY691	CD Diagram:	CD0320
Enclosure	TEFC	Mfg Plant:		Mech Spec:	35T973	Layout:	35LYT973
Frame:	56C	Mounting:	F1	Poles:	02	Created Date:	06-22-2007
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	12-08-2008
Leads:	4#16,2#18,1#14	Literature:		Elec. Diagram:		Replaced By:	

Nameplate NP1257L							
CAT.NO.	PCL3515M						
SPEC.	35T973Y691						
HP	2						
VOLTS	115/230						
AMP	17.6/8.8						
RPM	3450						
FRAME	56C	HZ	60	PH	1		
SER.F.	1.15	CODE	F	DES	L	CL	F
NEMA-NOM-EFF	77	PF	95				
RATING	40C AMB-CONT						
CC				USABLE AT 208V			
DE	6205	ODE	6203				
ENCL	TEFC	SN					

Parts List			
Product ID	Description	Quantity	List Price
SA111044	SA 35T973Y691	1.000	406.00
RA102423	RA 35T973Y691	1.000	339.00
OC3060C09	CYL OIL CAP 60MFD/240V	1.000	29.00
TPCRT51CB	THERMAL 1PH 1.00 MAN 120CWELDED	1.000	27.00
EC1400A03SP	ELEC CAP, 400-480 MFD, 125V, 1.81D X 3.	1.000	28.00
WD3006A01	RSS-2-103JT 2W 10K RES. METAL OXIDE 5%	1.000	23.00
TP5059	GENERIC THERMAL KIT	1.000	6.00
NS2512A01	INSULATOR, CONDUIT BOX X X	1.000	3.00
35CB3007A17	35 CB .88 DIA @ 6:00, 1.00 MTO @ 3:00	1.000	21.00
36GS1000SP	GASKET-CONDUIT BOX, .06 THICK #SV-330 LE	1.000	6.00
51XB1016A07	10-16 X 7/16 HXWSSLD SERTYB	2.000	3.00
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000	3.00
35EP3100M02	FREP TEFC 203 BRG W/O GR SR (RAISED FH MT	1.000	34.00
NS2501A02	INSULATOR, CAPACITOR BOX	1.000	3.00
35CB3801SP	CAPACITOR COVER, CAST	1.000	27.00
34GS3002	GASKET, CAPACITOR BOX	1.000	3.00
51XB1016A08	10-16X 1/2HXWSSLD SERTYB	2.000	3.00
HA7010	CAPACITOR RETENTION CLAMP	1.000	3.00
HW5100A03SP	WAVY WASHER (W1543-017)	1.000	3.00
35EP3300A33	SPL FACE MTD EP -ENCL-205 BRG	1.000	96.00
51XN1032A20	10-32 X 1 1/4 HX WS SL SR	2.000	3.00
35FN3002A05SP	EXTERNAL FAN, PLASTIC, FOR .637 DIA JOUR	1.000	27.00
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000	3.00
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000	4.00

Parts List (continued)			
Product ID	Description	Quantity	List Price
35GS1030	35 GS FOR CB LID - LEXIDE	1.000	3.00
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000	3.00
HW2501D13SP	KEY, 3/16 SQ X 1.375	1.000	3.00
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000	3.00
10XF0440S02	04-40 X 1/8 TYPE F HEX HD STAINLESS STIC	2.000	4.00
WD1000A15	3-520132-2 AMP FLAG (4M/RL NON-CANC/NON-	4.000	3.00
35FH4005A32SP	IEC FH NO GRSR W/3 HOLES - W/AUTOPHERETI	1.000	28.00
35CB4521	35 LIPPED CB LID (GALV & PHOSPH)	1.000	3.00
MJ1000A02	GREASE, POLYREX EM EXXON	0.050	12.00
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.017	4,000.00
HA3100A15	THRUBOLT 10-32 X 8.375	4.000	3.00
MG2000A02	RUST VETO-377-EF HOUGHTON	0.001	168.00
SP5051A03	MODEL 35 TORQ STATIONARY SWITCH LEAD ASS	1.000	37.00
LB1119	WARNING LABEL	1.000	3.00
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000	3.00
LC0269	1PH,DV,REV,THERMAL,7 LD,L.AMP THRU HTR H	1.000	3.00
LB1087	LABEL,MANUAL RESET (ROLL LABEL)	1.000	3.00
NP1257L	NP STD LASER ENGRAVED THERMAL PROTECTED,	1.000	30.00
35PA1066	PACKING GROUP COMBINED PRINT	1.000	16.00

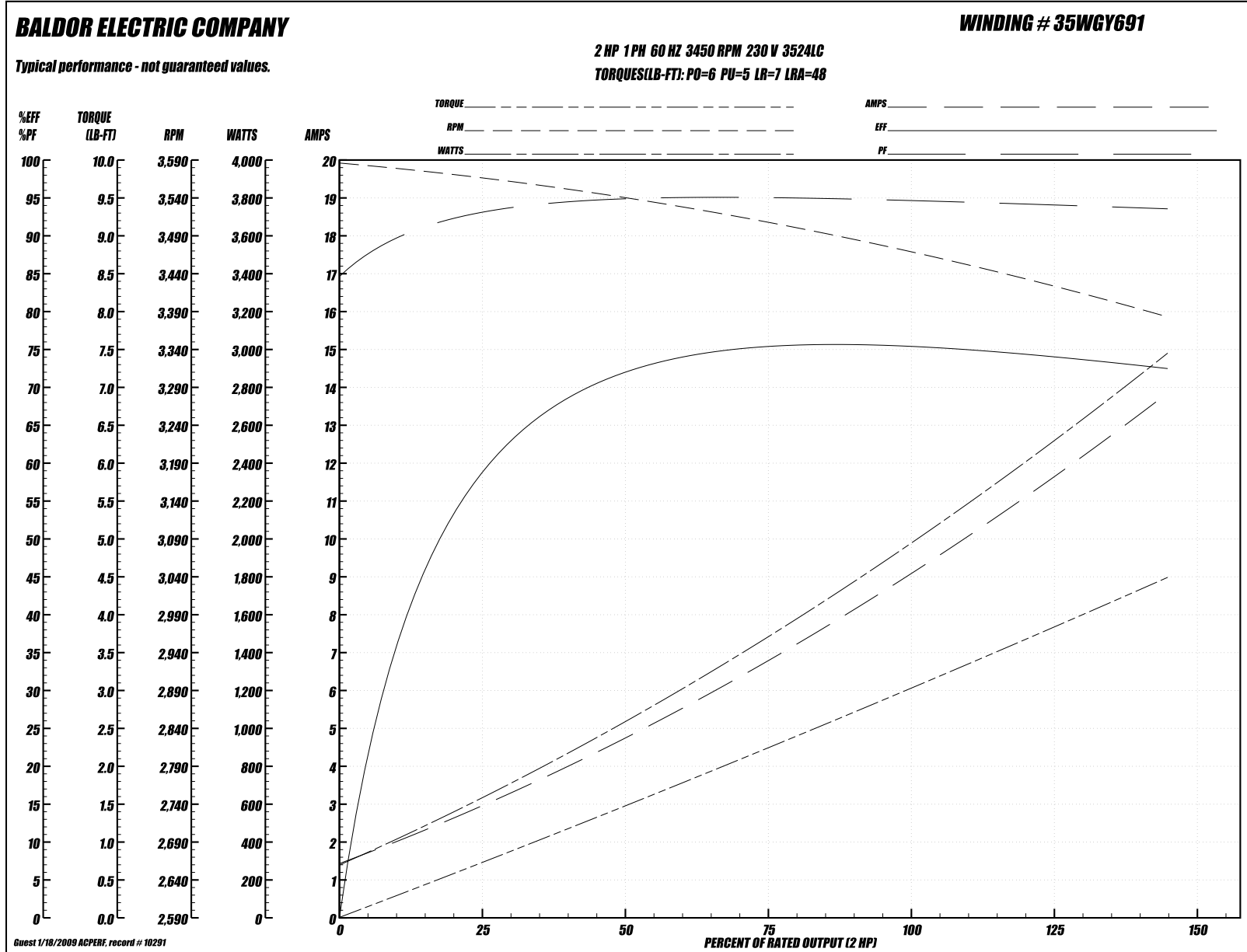
Performance Data at 230V, 60Hz, 2.0HP (Typical performance - Not guaranteed values)
General Characteristics

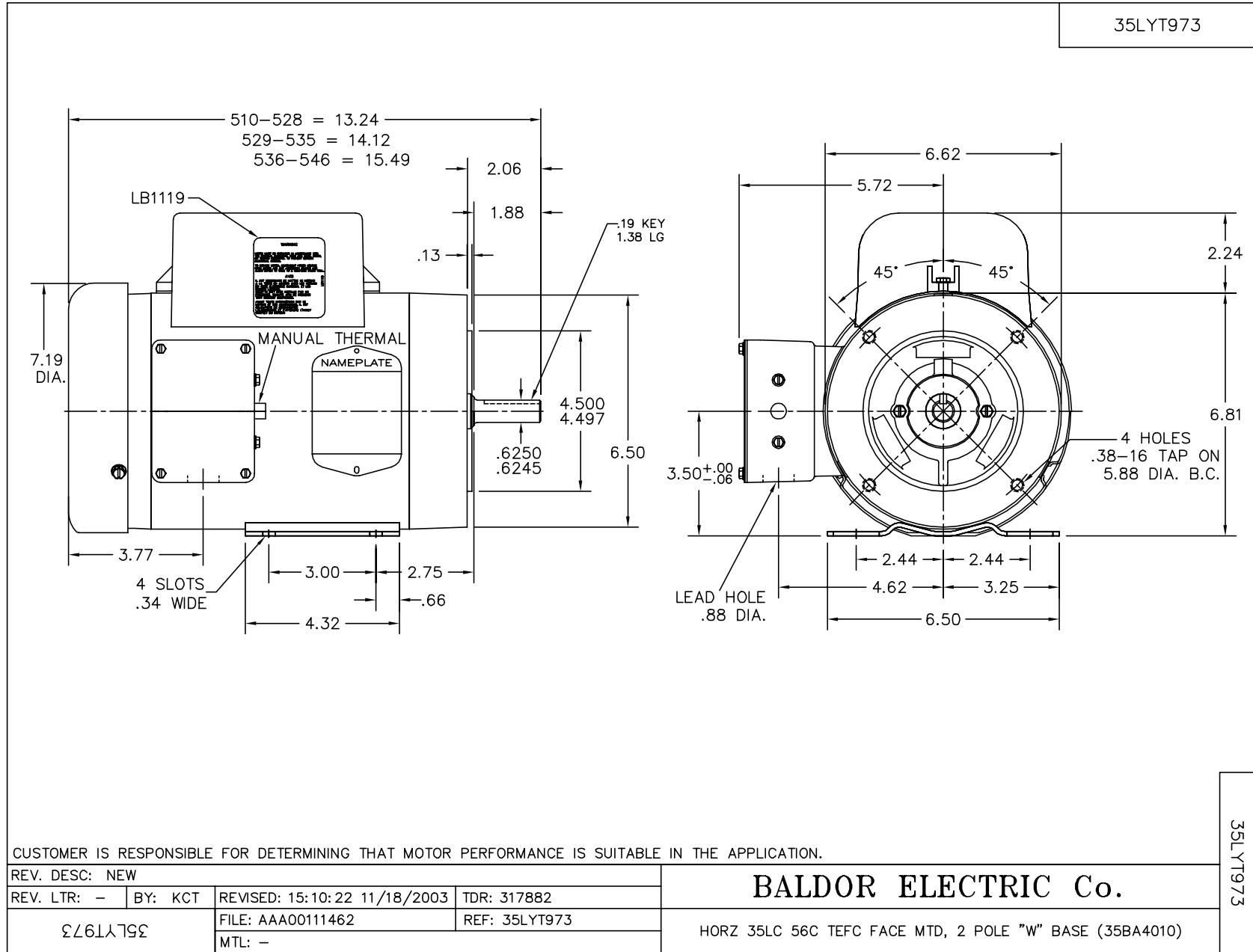
Full Load Torque:	3.0 LB-FT	Start Configuration:	DOL
No-Load Current:	1.35 Amps	Break-Down Torque:	6.0 LB-FT
Line-line Res. @ 25°C.:	1.33 Ohms A Ph / 1.27 Ohms B Ph	Pull-Up Torque:	5.0 LB-FT
Temp. Rise @ Rated Load:	66°C	Locked-Rotor Torque:	7.0 LB-FT
Temp. Rise @ S.F. Load:	88°C	Starting Current:	48.0 Amps

Load Characteristics

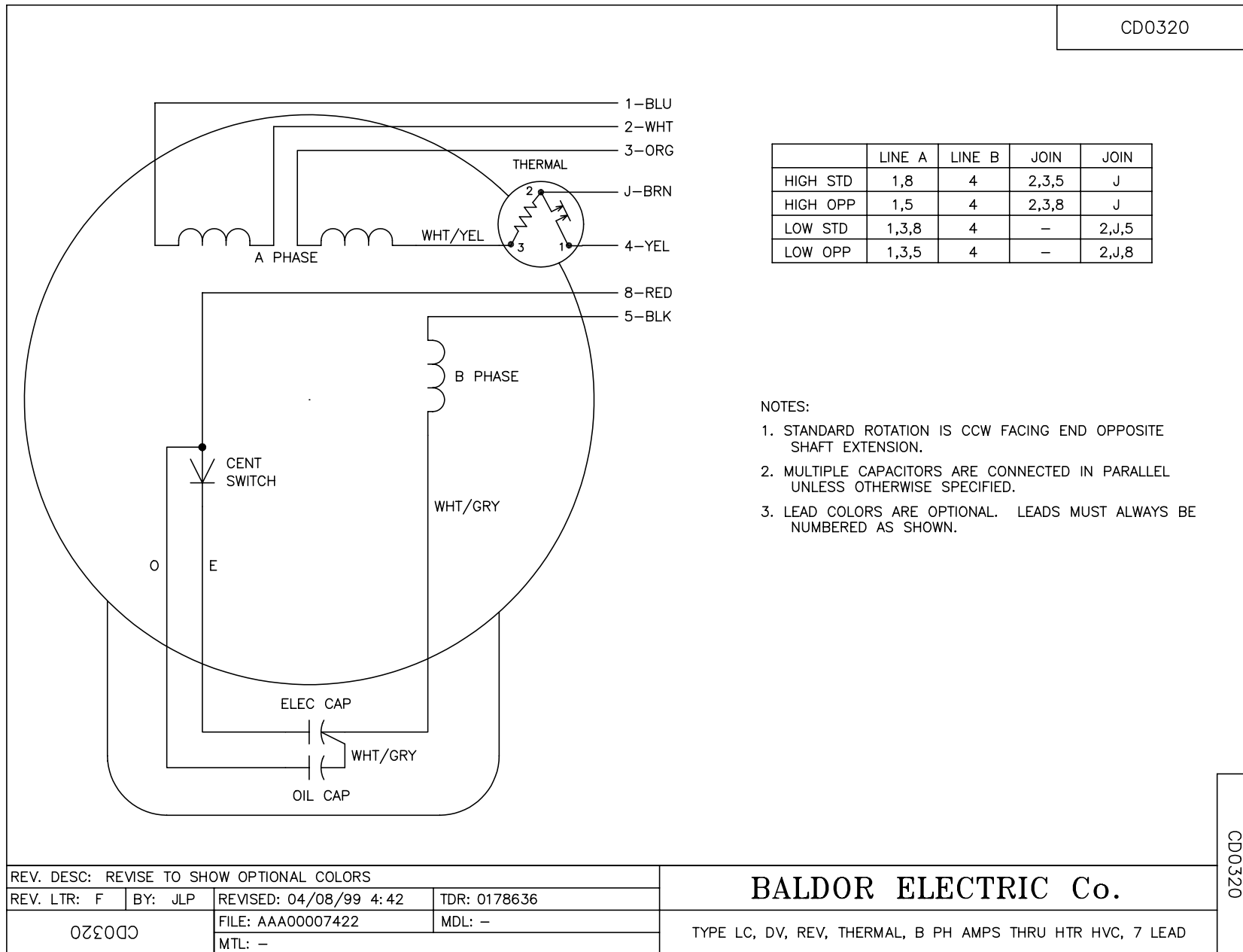
% of Rated Load:	25	50	75	100	125	150	S.F.
Power Factor:	93.0	93.0	96.0	95.0	95.0	93.0	95.0
Efficiency:	57.0	72.0	76.0	77.0	72.5	73.0	74.3
Speed:	3560.0	3539.0	3508.0	3473.0	3431.0	3380.0	3448.0
Line Amperes:	3.1	4.9	6.7	8.8	11.6	13.8	10.5

Performance Graph at 230V, 60Hz, 2.0HP (Typical performance - Not guaranteed values)





CD0320



REV. DESC: REVISE TO SHOW OPTIONAL COLORS			
REV. LTR: F	BY: JLP	REVISED: 04/08/99 4:42	TDR: 0178636
0320		FILE: AAA00007422	MDL: -
		MTL: -	

BALDOR ELECTRIC Co.

TYPE LC, DV, REV, THERMAL, B PH AMPS THRU HTR HVC, 7 LEAD

CD0320