

BALDOR® • RELIANCE

Product Information Packet

L1510T

7.5HP, 1725RPM, 1PH, 60HZ, 215T, 3744LC, OPEN

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Part Detail							
Revision:	A	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3744LC	Elec. Spec:	37WGW885	CD Diagram:	
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	37M295	Layout:	
Frame:	215T	Mounting:	F1	Poles:	04	Created Date:	01-07-2010
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	02-11-2010
Leads:	2#10 A PH,2#14 B PH	Literature:		Elec. Diagram:		Replaced By:	

Nameplate NP1256L									
CAT.NO.	L1510T								
SPEC.	37M295W885G1								
HP	7.5								
VOLTS	230								
AMP	31								
RPM	1725								
FRAME	215T	HZ	60	PH	1				
SER.F.	1.15	CODE	G	DES	L	CLASS	B		
NEMA-NOM-EFF	85.5	PF	89						
RATING	40C AMB-CONT								
CC				USABLE AT 208V	33				
DE	6307	ODE	6206						
ENCL	OPEN	SN							

Parts List		
Part Number	Description	Quantity
SA189557	SA 37M295W885G1	1.000 EA
RA177267	RA 37M295W885G1	1.000 EA
HA6361A01	LIFTING LUG FOR 37, 39 & 40 FRAME (AUTOP	2.000 EA
37CB3006	37 CB CASTING W/1.38 LEAD HOLE @ 6:00	1.000 EA
51XW2520A12	.25-20 X .75, TAPTITE II, HEX WSHR SLTD	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
37EP3200A01SP	FR ENDPLATE, 37L&M, OPEN, MACH, W/GREASE	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
SP1008A01	BAFFLE, MODEL 36 & 37	1.000 EA
13XT0832A07	8-32X7/16 TYP 23 PAN HD SLT DX	2.000 EA
10XN2520A10	1/4-20X 5/8 HEX HD X	2.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	2.000 EA
HW5100A06	W2420-025 WVY WSHR (WB)	1.000 EA
37EP3201A01	PU ENDPLATE, MACH 213-5T	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
XY3118A12	5/16-18 HEX NUT DIRECTIONAL SERRATION	4.000 EA
37CB4516	LIPPED LID FOR 37 FRAME NEC KOBX	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HW2501F21	KEY, 5/16 SQ X 2.375	1.000 EA
HA7000A02	KEY RETAINER RING, 1 1/8 DIA, 1 3/8 DIA	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
LB1115	LABEL,LIFTING DEVICE	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.028 GA

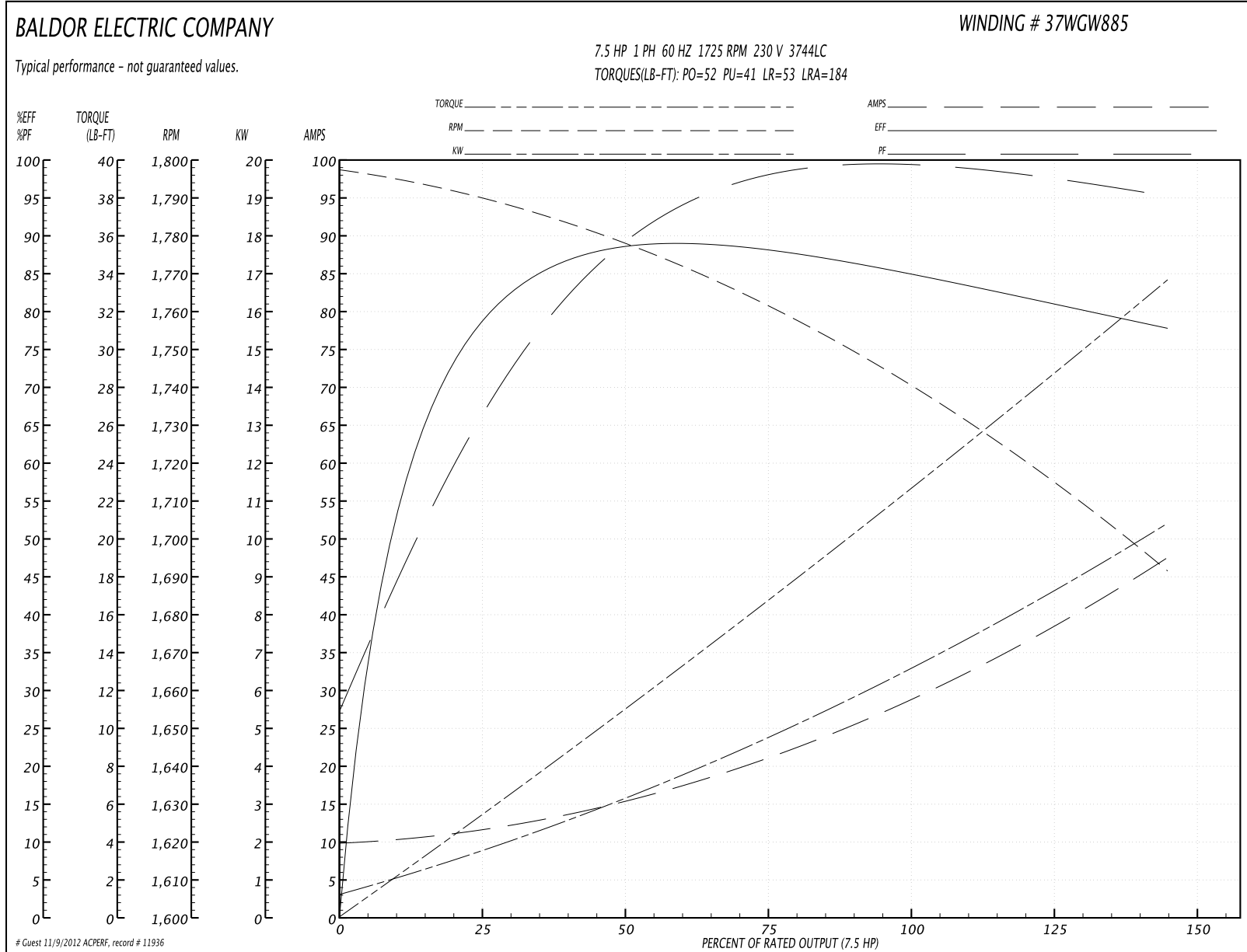
Parts List (continued)		
Part Number	Description	Quantity
37CB5005A01	CAPACITOR BOX KIT, 37CB3802, OC3030F11,	1.000 EA
SP5172A05	37 TYPE L TORQ STAT SWITCH LEAD ASSEMBLY	1.000 EA
HA3104A35	THRUBOLT .31-18 X 13.687	4.000 EA
LB1119	WARNING LABEL	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0017	CONN LABEL-1 PHASE-SINGLE VOLT-REV ROTNO	1.000 EA
NP1256L	ALUM UL CSA CC	1.000 EA
36PA1001	PACKAGING GROUP	1.000 EA

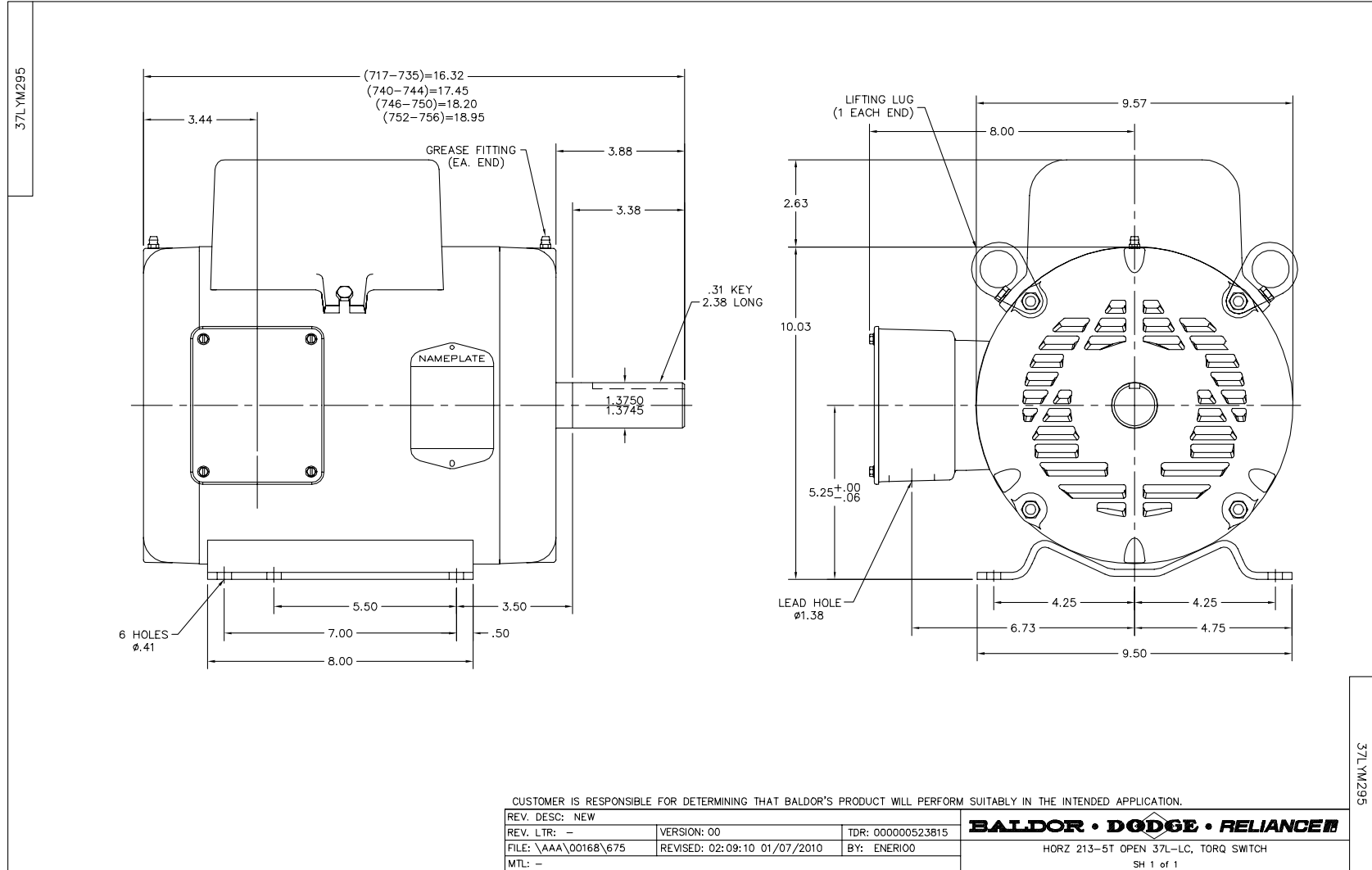
Accessories		
Part Number	Description	Multiplier
37-1404	C FACE KIT	A8

Performance Data at 230V, 60Hz, 7.5HP (Typical performance - Not guaranteed values)

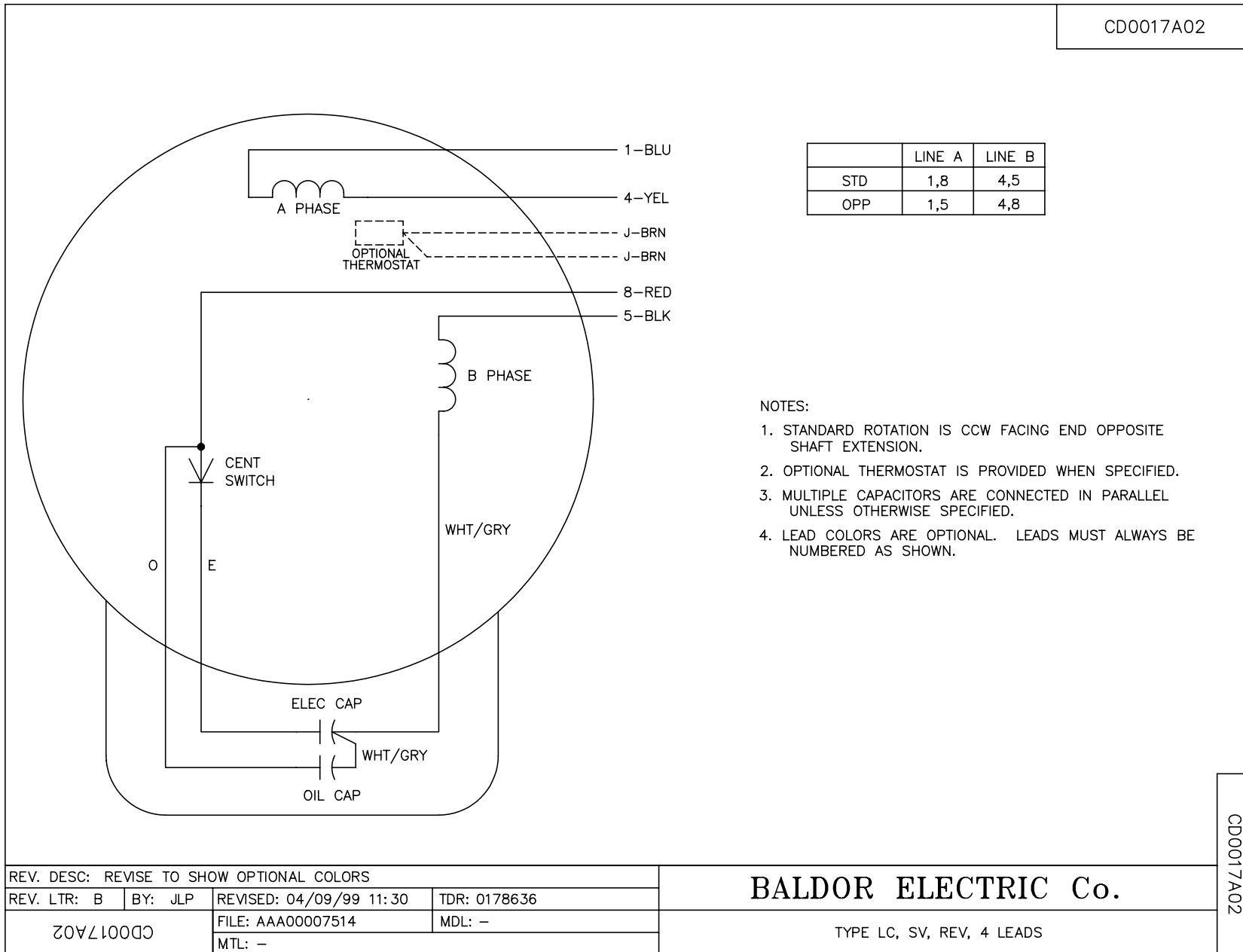
General Characteristics							
Full Load Torque:	22.5 LB-FT			Start Configuration:	DOL		
No-Load Current:	10.2 Amps			Break-Down Torque:	52.0 LB-FT		
Line-line Res. @ 25°C.:	0.265 Ohms A Ph / 1.545 Ohms B Ph			Pull-Up Torque:	41.0 LB-FT		
Temp. Rise @ Rated Load:	62 C			Locked-Rotor Torque:	53.0 LB-FT		
Temp. Rise @ S.F. Load:	81 C			Starting Current:	184.0 Amps		
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	53.0	77.0	86.0	90.0	90.0	90.0	0.0
Efficiency:	75.6	87.1	88.0	85.6	82.7	77.0	0.0
Speed:	1790.0	1776.0	1760.0	1743.0	1719.0	1690.0	0.0
Line Amperes:	11.0	15.6	21.5	28.9	37.2	47.6	33.9

Performance Graph at 230V, 60Hz, 7.5HP Typical performance - Not guaranteed values





CD0017A02



CD0017A02

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			
REV. LTR: B	BY: JLP	REVISED: 04/09/99 11:30	TDR: 0178636
CD0017A02		FILE: AAA00007514	MDL: -
		MTL: -	

BALDOR ELECTRIC Co.

TYPE LC, SV, REV, 4 LEADS