

BALDOR® • RELIANCE

Product Information Packet

L3710T

7.5HP, 1745RPM, 1PH, 60HZ, 215T, 3734LC, TEFC

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Part Detail							
Revision:	A	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3734LC	Elec. Spec:	37WGT876	CD Diagram:	
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	37M307	Layout:	
Frame:	215T	Mounting:	F1	Poles:	04	Created Date:	01-21-2010
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	05-03-2010
Leads:	2#10 A PH,2#14 B PH	Literature:		Elec. Diagram:		Replaced By:	

Nameplate NP1256L									
CAT.NO.	L3710T								
SPEC.	37M307T876								
HP	7.5								
VOLTS	230								
AMP	29								
RPM	1745								
FRAME	215T	HZ	60	PH	1				
SER.F.	1.00	CODE	G	DES	L	CLASS	F		
NEMA-NOM-EFF	86.5	PF	97						
RATING	40C AMB-CONT								
CC				USABLE AT 208V	31				
DE	6307	ODE	6206						
ENCL	TEFC	SN							

Parts List		
Part Number	Description	Quantity
SA189994	SA 37M307T876	1.000 EA
RA177683	RA 37M307T876	1.000 EA
OC3050F09SP	CYL OIL CAP 50MFD/370V	1.000 EA
OC3035F09SP	CYL OIL CAP 35MFD/370V	1.000 EA
EC1216C06SP	ELEC CAP, 216-259 MFD, 250V, 2.06D X 4.	3.000 EA
37FN3002A01SP	EXFN, PLASTIC, 9.00 OD, 1.155 ID	1.000 EA
HW3200A01	3/8-16X3/4 I-BLT WELDED F/S	1.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
37EP3101A01SP	FR ENDPLATE,TEFC, 37 L&M, W/GREASER	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
13XT0832A07	8-32X7/16 TYP 23 PAN HD SLT DX	2.000 EA
37CB5001A21	ENCL, A01 BOX W/LID, GASKETS & 1.09 LEAD	1.000 EA
HW5100A06	W2420-025 WVY WSHR (WB)	1.000 EA
37EP3100A01SP	STD PU ENDPLATE, ENCL,37 "T"-307 BRG, W/	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
XY3118A12	5/16-18 HEX NUT DIRECTIONAL SERRATION	4.000 EA
51XB1214A20	12-14X1.25 HXWSSLD SERTYB	1.000 EA
07FH4007A06	IEC FH W/GRS, NOT @6, 3 F/C HOL & NOT FO	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 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
LB1115	LABEL,LIFTING DEVICE	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB

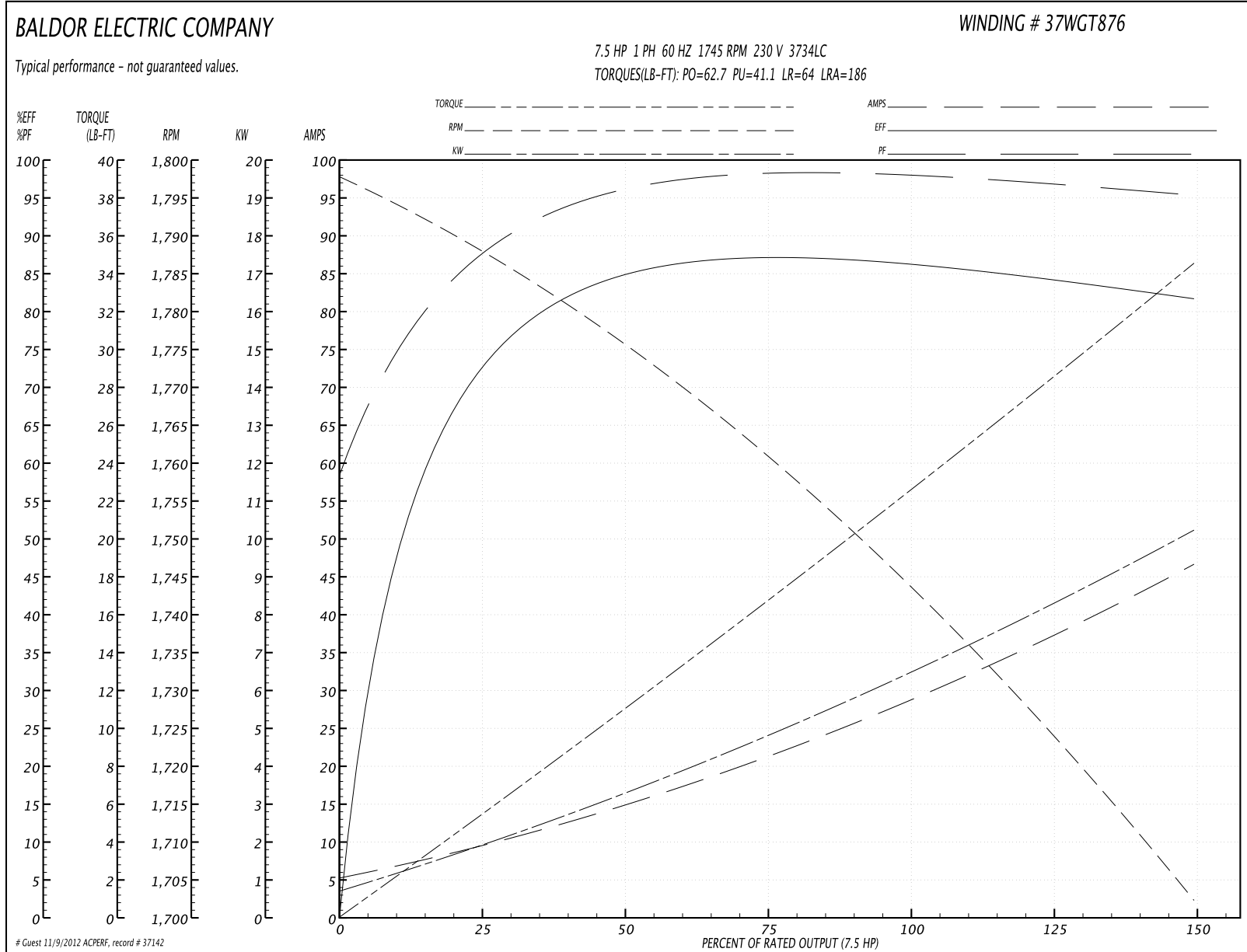
Parts List (continued)		
Part Number	Description	Quantity
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.028 GA
SP5172A03	37 TYPE L TORQ STAT SWITCH LEAD ASSEMBLY	1.000 EA
WD1000A15	3-520132-2 AMP FLAG (4M/RL NON-CANC/NON-	10.000 EA
HA3104A17	5/16-18X13.250 T-BLT/OHIO	4.000 EA
NS2539	INSULATOR FOR 37 FRAMESWITCH (MH1011A10)	1.000 EA
LB1119	WARNING LABEL	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0086	CONNECTION LABEL	1.000 EA
NP1256L	ALUM UL CSA CC	1.000 EA
G0PA1000	PACKAGING GROUP	1.000 EA

Accessories		
Part Number	Description	Multiplier
37-3301	C FACE KIT	P1

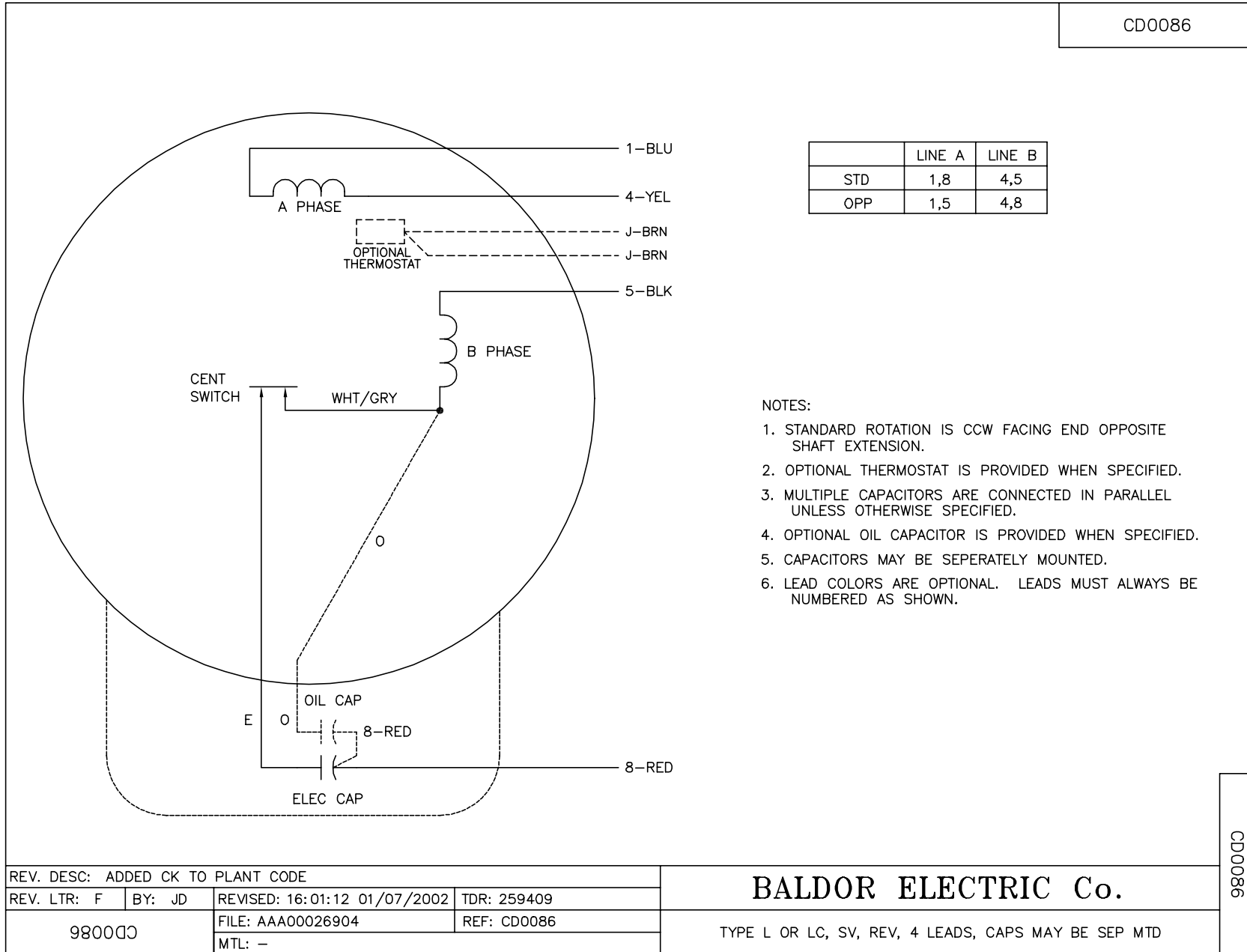
Performance Data at 230V, 60Hz, 7.5HP (Typical performance - Not guaranteed values)

General Characteristics							
Full Load Torque:	22.4 LB-FT			Start Configuration:	DOL		
No-Load Current:	5.37 Amps			Break-Down Torque:	62.7 LB-FT		
Line-line Res. @ 25°C.:	0.263 Ohms A Ph / 0.705 Ohms B Ph			Pull-Up Torque:	41.1 LB-FT		
Temp. Rise @ Rated Load:	90 C			Locked-Rotor Torque:	64.0 LB-FT		
Temp. Rise @ S.F. Load:				Starting Current:	186.0 Amps		
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	91.0	97.0	98.0	97.0	97.0	96.0	0.0
Efficiency:	70.9	83.8	86.8	86.8	85.0	81.3	0.0
Speed:	1787.0	1775.0	1761.0	1745.0	1726.0	1701.0	0.0
Line Amperes:	9.1	14.9	21.4	28.6	36.8	46.8	0.0

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



CD0086



CD0086

REV. DESC: ADDED CK TO PLANT CODE			
REV. LTR: F	BY: JD	REVISED: 16:01:12 01/07/2002	TDR: 259409
9800D		FILE: AAA00026904	REF: CD0086
		MTL: -	

BALDOR ELECTRIC Co.

TYPE L OR LC, SV, REV, 4 LEADS, CAPS MAY BE SEP MTD