

BALDOR® • RELIANCE

Product Information Packet

L3711T

10HP,3450RPM,1PH,60HZ,215T,3744LC,TEFC,F

Part Detail							
Revision:	F	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3744LC	Elec. Spec:	37GW578	CD Diagram:	CD0086
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	37M230	Layout:	37LYM230
Frame:	215T	Mounting:	F1	Poles:	02	Created Date:	02-09-2010
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	09-14-2015
Leads:	2#10 A PH,2#14 B PH					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L

CAT.NO.	L3711T										
SPEC.	37M230W578										
HP	10										
VOLTS	230										
AMP	40										
RPM	3450										
FRAME	215T				HZ		60			PH	1
SER.F.	1.00			CODE	H	DES	L		CLASS	F	
NEMA-NOM-EFF	82			PF	98						
RATING	40C AMB-CONT										
CC				USABLE AT 208V							
DE	6307			ODE	6206						
ENCL	TEFC		SN								

Parts List		
Part Number	Description	Quantity
SA190808	SA 37M230W578	1.000 EA
RA178473	RA 37M230W578	1.000 EA
OC3030F11SP	CYL OIL CAP 30MFD/370V	2.000 EA
EC1216C06SP	ELEC CAP, 216-259 MFD, 250V, 2.06D X 4.	3.000 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
HW3001B01	BRASS CUP WASHER, FOR #8 SCREW	1.000 EA
37EP3101C04	FREP,TEFC, 37 L&M, W/GREASER SP5067	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
13XF0832A08	8-32 X.50 PAN HD,SLTD, TYPE F SCREW, ZIN	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
37PE3100A01	PUEP ASSEMBLY - ROUTING PUPROSES	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
LB1115N	LABEL,LIFTING DEVICE (ON ROLLS)	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
MJ1000A02	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
37FN3002A01	EXFN, PLASTIC, 9.00 OD, 1.155 ID	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
MG1000G27	MED CHARCOAL METALLIC GREY 400-0096	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
WD1000A03	41531 AMP FLG.TERM,4M/REEL(2.5MIL)	8.000 EA
NS2539	INSULATOR FOR 37 FRAMESWITCH (MH1011A10)	1.000 EA
HA3104A17	5/16-18X13.250 T-BLT/OHIO	4.000 EA
LB1119N	WARNING LABEL	1.000 EA
LC0086	CONNECTION LABEL	1.000 EA
NP1256L	ALUM UL CSA CC	1.000 EA
G0PA1000	PKG GRP, PRINT PK1026A06	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 11/14	1.000 EA

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

AC Induction Motor Performance Data

Record # 11882 - Typical performance - not guaranteed values

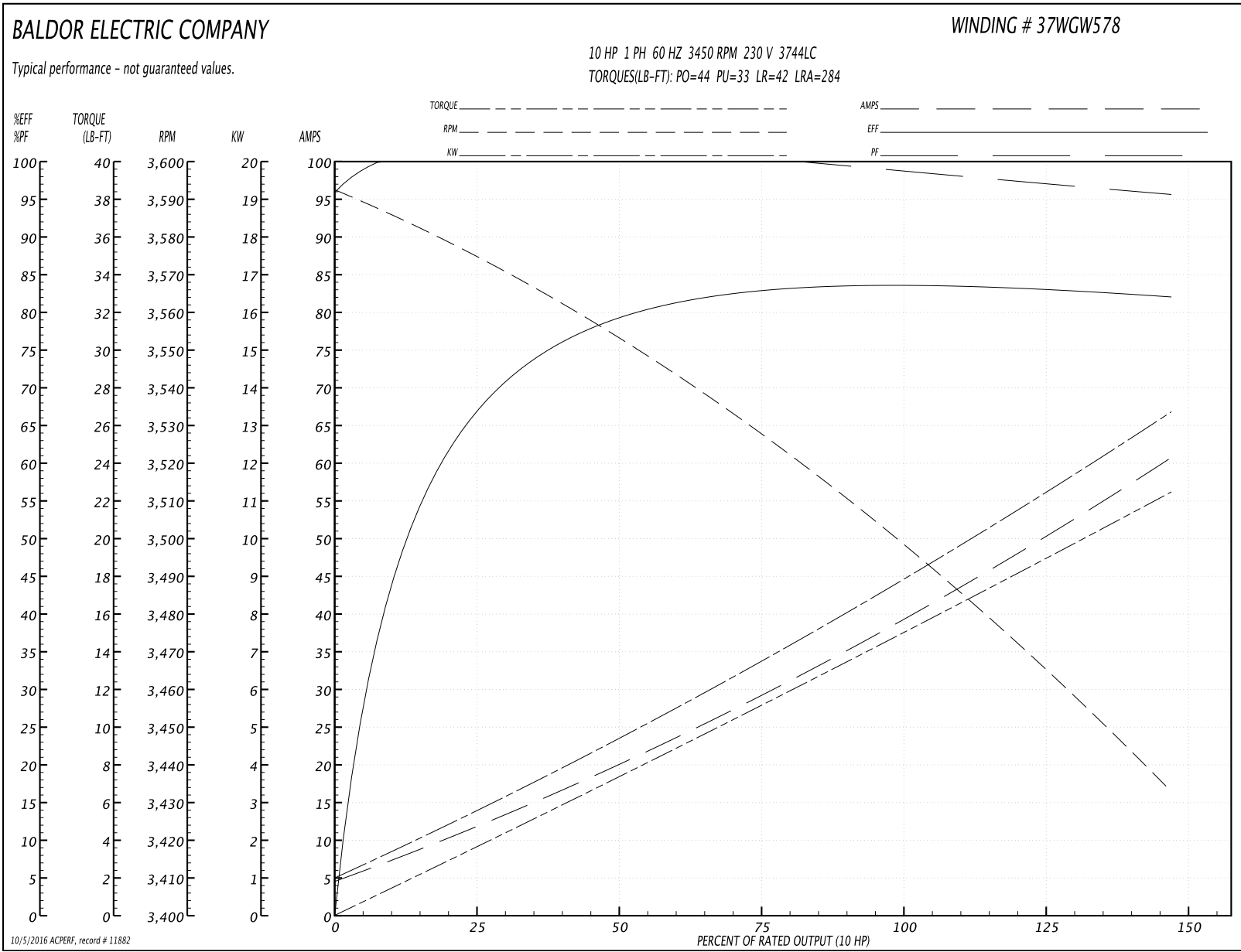
Winding: 37WGW578-R001	Type: 3744LC	Enclosure: TEFC
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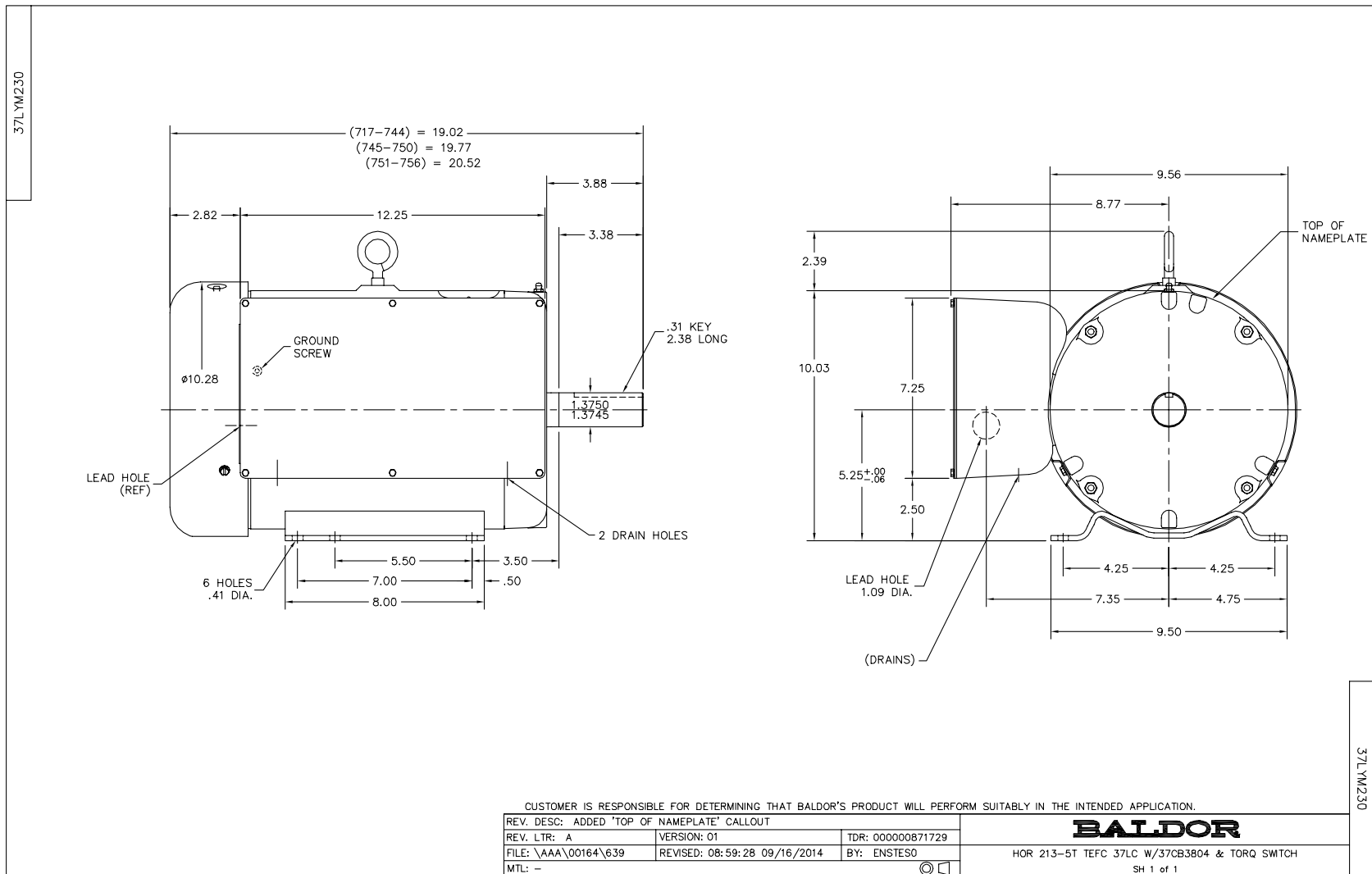
Nameplate Data				230 V, 60 Hz: Single Voltage Motor	
Rated Output (HP)	10			Full Load Torque	15 LB-FT
Volts	230			Start Configuration	direct on line
Full Load Amps	40			Breakdown Torque	44 LB-FT
R.P.M.	3450			Pull-up Torque	33 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	42 LB-FT
NEMA Design Code	L	KVA Code	H	Starting Current	284 A
Service Factor (S.F.)	1			No-load Current	4.3 A
NEMA Nom. Eff.	82	Power Factor	98	Line-line Res. @ 25°C	0.174 Ω A Ph 0.681 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	102°C

Load Characteristics 230 V, 60 Hz, 10 HP

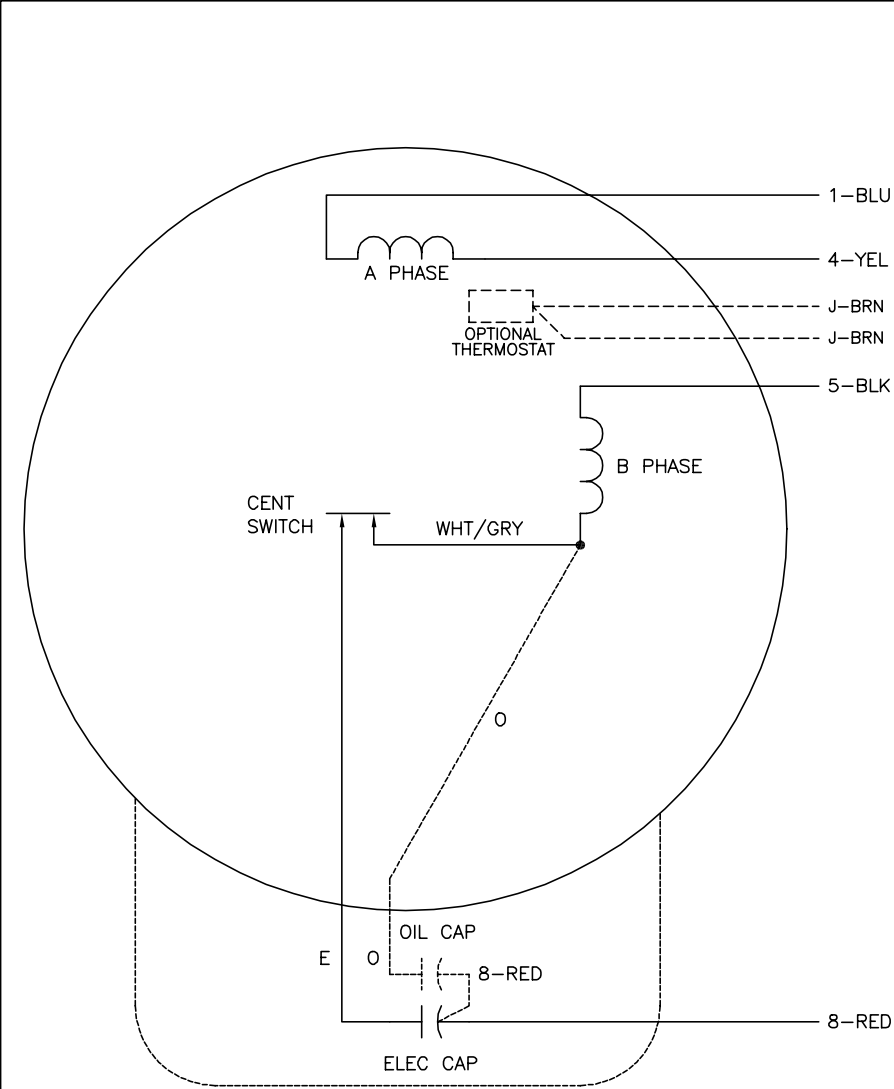
% of Rated Load	25	50	75	100	125	150
Power Factor	99	99	99	99	98	97
Efficiency	66.6	78.9	82.9	83.9	83.4	81.8
Speed	3573	3551	3527	3500	3469	3431
Line amperes	12.2	20.6	29.5	39	49.4	61.1

Performance Graph at 230V, 60Hz, 10.0HP Typical performance - Not guaranteed values





CD0086



	LINE A	LINE B
STD	1,8	4,5
OPP	1,5	4,8

- 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. OPTIONAL OIL CAPACITOR IS PROVIDED WHEN SPECIFIED.
 5. CAPACITORS MAY BE SEPERATELY MOUNTED.
 6. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

REV. DESC: ADDED CK TO PLANT CODE			
REV. LTR: F	BY: JD	REVISED: 16:01:12 01/07/2002	TDR: 259409
980000		FILE: AAA00026904	REF: CD0086
		MTL: -	

BALDOR ELECTRIC Co.

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

CD0086