

BALDOR® • RELIANCE

Product Information Packet

L1512T

10HP,1725RPM,1PH,60HZ,215T,3737LC,OPSB,F

Part Detail							
Revision:	J	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3737LC	Elec. Spec:	37WGT923	CD Diagram:	CD0086
Enclosure:	OPSB	Mfg Plant:		Mech. Spec:	37M319	Layout:	37LYM319
Frame:	215T	Mounting:	F1	Poles:	04	Created Date:	02-09-2010
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	09-10-2015
Leads:	2#10 A PH,2#14 B PH					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L							
CAT.NO.	L1512T						
SPEC.	37M319T923						
HP	10						
VOLTS	230						
AMP	39						
RPM	1725						
FRAME	215T	HZ	60	PH	1		
SER.F.	1.00	CODE	E	DES	L	CLASS	B
NEMA-NOM-EFF	85.5	PF	97				
RATING	40C AMB-CONT						
CC		USABLE AT 208V					
DE	6307	ODE	6206				
ENCL	OPSB	SN					

Parts List		
Part Number	Description	Quantity
SA190809	SA 37M319T923	1.000 EA
RA178474	RA 37M319T923	1.000 EA
OC3050F09SP	CYL OIL CAP 50MFD/370V	2.000 EA
EC1216C06SP	ELEC CAP, 216-259 MFD, 250V, 2.06D X 4.	2.000 EA
EC1189C06SP	ELEC CAP, 189-227 MFD, 250V, 2.06D X 4.	2.000 EA
HA6361A01	LIFTING LUG FOR 37, 39 & 40 FRAME ZINC	2.000 EA
37CB3804A01	SPL CAPAC. BOX 37 MOTORS FOR 6-7 CAPAC.	1.000 EA
37CB2804	ADAPTER, 37 KO BOX (SHOE BOX)	2.000 EA
37GS1017	GASKET - CONDUIT BOX .06 THK NEOPRENE	4.000 EA
51XW2520A20	.25-20 X 1.25, TAPTITE II, HEX WSHR SLTD	4.000 EA
HA6003A45	CAPAC CLAMP - CLIP (WHITE ZINC PLATED)	2.000 EA
51XB1016A07	10-16 X 7/16 HXWSSLD SERTYB	4.000 EA
HW3001B01	BRASS CUP WASHER, FOR #8 SCREW	1.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
37FE3200A01	FR ENDPLATE, FOR ROUTING PURPOSES	1.000 EA
HW3001B01	BRASS CUP WASHER, FOR #8 SCREW	1.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
37AD2005	BAFFLE PLATE, FOR OPSB 1 PHASE	1.000 EA
HW5100A06	W2420-025 WVY WSHR (WB)	1.000 EA
37PE3201A01	PU ENDPLATE ASSEMBLY FOR ROUTING	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
XY3118A12	5/16-18 HEX NUT DIRECTIONAL SERRATION	4.000 EA
37CB4509	CAPAC BOX LID, STAMPED	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	6.000 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
LB1115N	LABEL,LIFTING DEVICE (ON ROLLS)	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
MG1000G27	MED CHARCOAL METALLIC GREY	0.028 GA
SP5172A03	37 TYPE L TORQ STAT SWITCH LEAD ASSEMBLY	1.000 EA
SP1008A01	BAFFLE, MODEL 36 & 37	1.000 EA
WD1000A15	3-520132-2 AMP FLAG (4M/RL NON-CANC/NON-	12.000 EA
37AD2001A01	BAFFLE PLATE, STAMPED	1.000 EA
HA3104A35	THRUBOLT .31-18 X 13.687	4.000 EA
LB1119N	WARNING LABEL	1.000 EA
LC0086	CONNECTION LABEL	1.000 EA
NP1256L	ALUM UL CSA CC	1.000 EA
36PA1001	PKG GRP, PRINT PK1017A06	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 11/14	1.000 EA

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

AC Induction Motor Performance Data

Record # 21990 - Typical performance - not guaranteed values

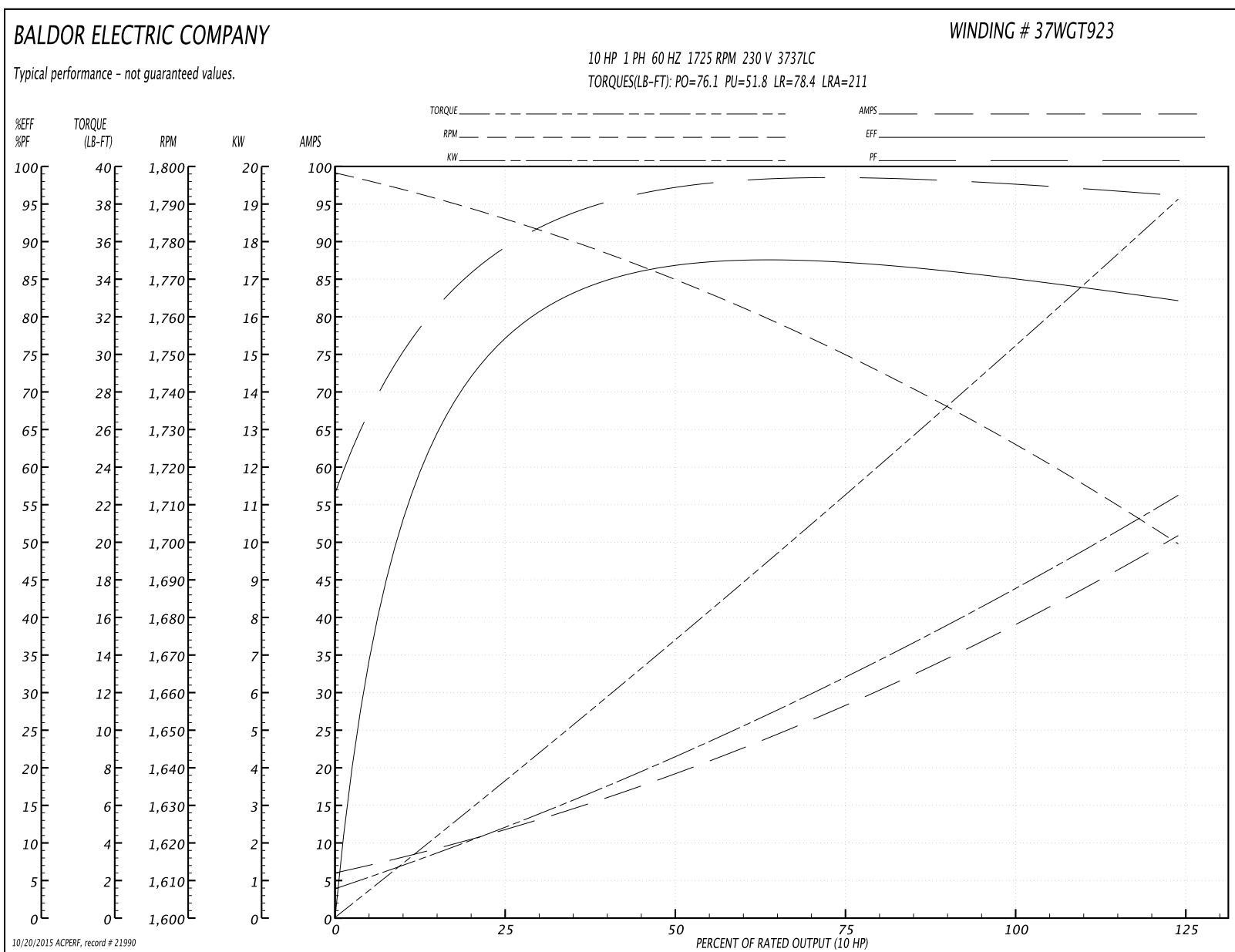
Winding: 37WGT923-R001	Type: 3737LC	Enclosure: OPSB
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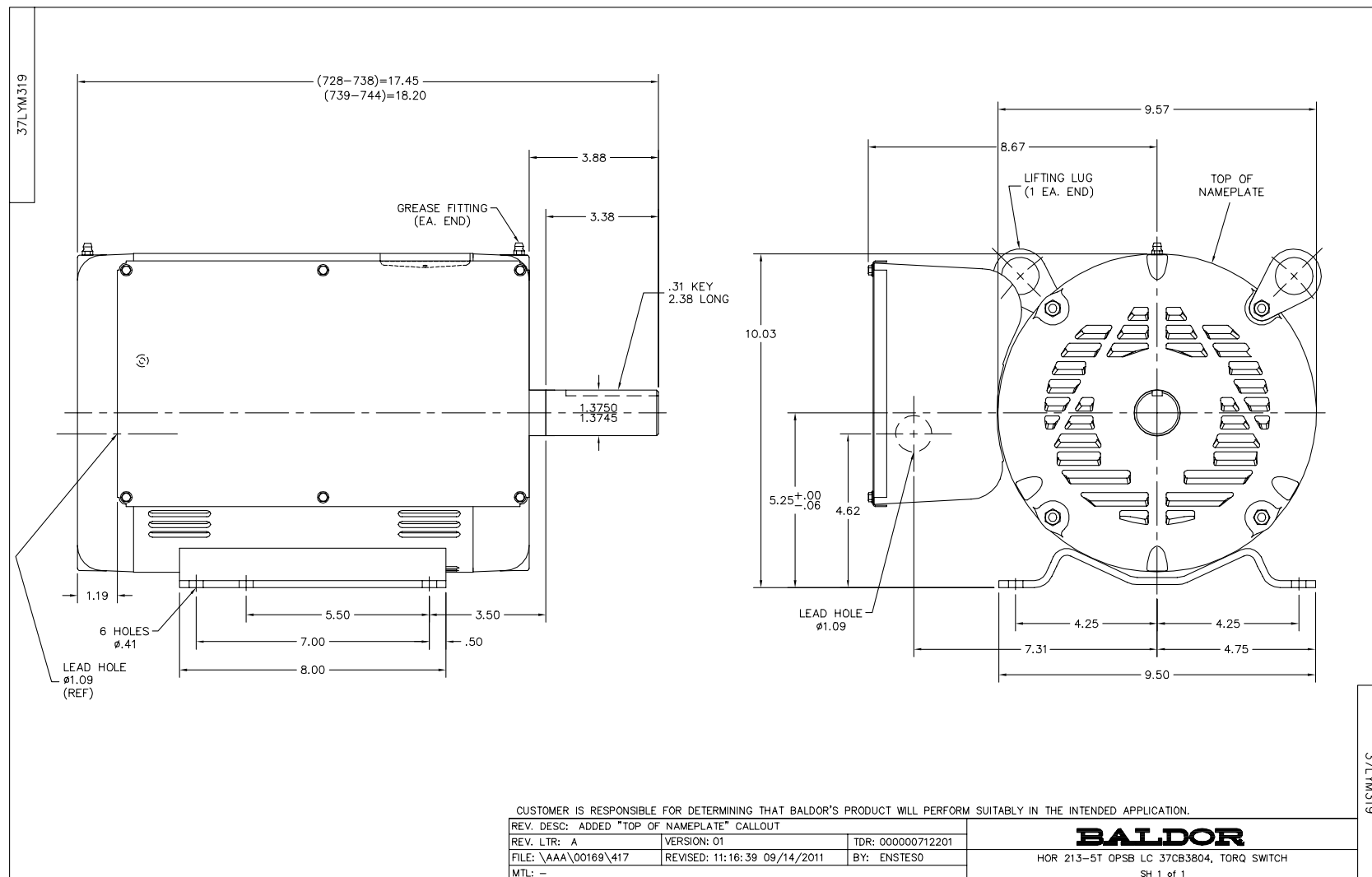
Nameplate Data				230 V, 60 Hz: Single Voltage Motor	
Rated Output (HP)	10			Full Load Torque	30.3 LB-FT
Volts	230			Start Configuration	direct on line
Full Load Amps	39			Breakdown Torque	76.1 LB-FT
R.P.M.	1725			Pull-up Torque	51.8 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	78.4 LB-FT
NEMA Design Code	L	KVA Code	E	Starting Current	211 A
Service Factor (S.F.)	1			No-load Current	6.2 A
NEMA Nom. Eff.	85.5	Power Factor	97	Line-line Res. @ 25°C	0.242 Ω A Ph 0.538 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	73°C

Load Characteristics 230 V, 60 Hz, 10 HP

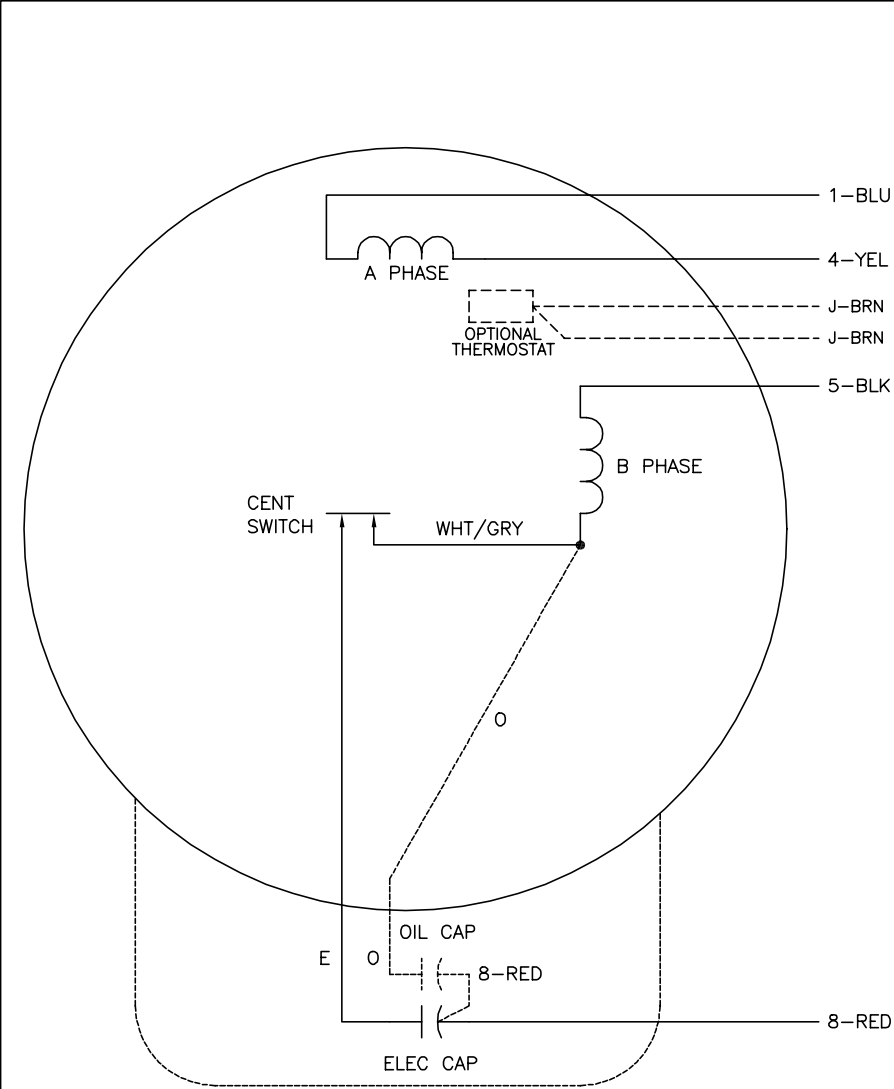
% of Rated Load	25	50	75	100	125
Power Factor	94	97	98	97	96
Efficiency	76.1	86	87.5	85.7	81.8
Speed	1785	1770	1751	1727	1699
Line amperes	11.3	19.2	28.3	38.8	50.9

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