

BALDOR® • RELIANCE

Product Information Packet

EHM3313T

10HP,1770RPM,3PH,60HZ,215T,3739M,OPSB,F1

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Part Detail									
Revision:	H	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3739M	Elec. Spec:	37WGT853	CD Diagram:			
Enclosure:	OPSB	Mfg Plant:		Mech. Spec:	37J637	Layout:			
Frame:	215T	Mounting:	F1	Poles:	04	Created Date:	06-16-2006		
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	08-28-2012		
Leads:	9#14	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP2094E06B03									
CAT.NO.	EHM3313T								
SPEC.	37J637T853G1								
HP	10								
VOLTS	208-230/460								
AMPS	26-25/12.5								
RPM	1770								
FRAME	215T	HZ			60	PH	3		
SER.F.	1.15	CODE			H	DES	B	CL	F
NEMA-NOM-EFF	91.7	PF			82				
RATING	40C AMB-CONT								
CC	010A	USABLE AT 208V			26				
DE	6307	ODE			6206				
AUTO	N	MANUAL			N	NONE	Y		
ENCL	OPSB	SN							
BLANK									

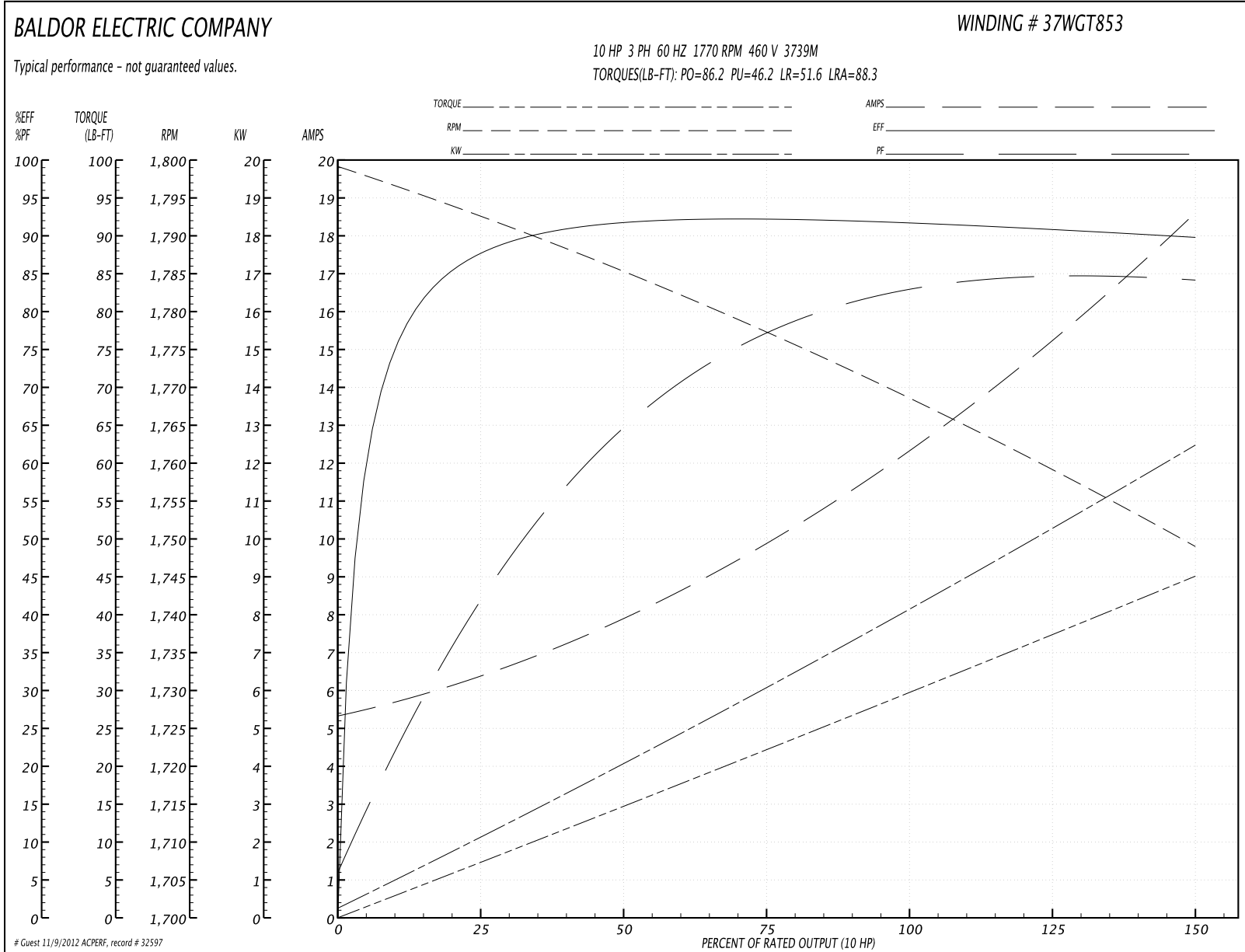
Parts List		
Part Number	Description	Quantity
SA145345	SA 37J637T853G1	1.000 EA
RA134497	RA 37J637T853G1	1.000 EA
HA6361A01	LIFTING LUG FOR 37, 39 & 40 FRAME (AUTOP	2.000 EA
37CB3006	37 CB CASTING W/1.38 LEAD HOLE @ 6:00	1.000 EA
51XW2520A10	.25-20 X .62, TAPTITE II, HEX WSHR SLTD	4.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
HW3001B01	003SS CUP WASHER, FOR #8 SCREW	1.000 EA
37EP3200A15	FR ENDPLATE MACH	1.000 EA
HW4500A19	1/4-28X1/4 SLOTTED PLUG F/S	1.000 EA
HW4500A20	1/8NPT SL PIPE PLUG	1.000 EA
91XN0540J08	SCREW, 5-40 X 1/2", FHC, AS	2.000 EA
HW5100A06	W2420-025 WVY WSHR (WB)	1.000 EA
37EP3201A81	PU ENDPLATE 213-5T FOR GSR & RELIEF	1.000 EA
HW4500A19	1/4-28X1/4 SLOTTED PLUG F/S	1.000 EA
HW4500A20	1/8NPT SL PIPE PLUG	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
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.028 GA
HA3104A35	THRUBOLT .31-18 X 13.687	4.000 EA
37AD2001A01	BAFFLE PLATE, STAMPED	2.000 EA

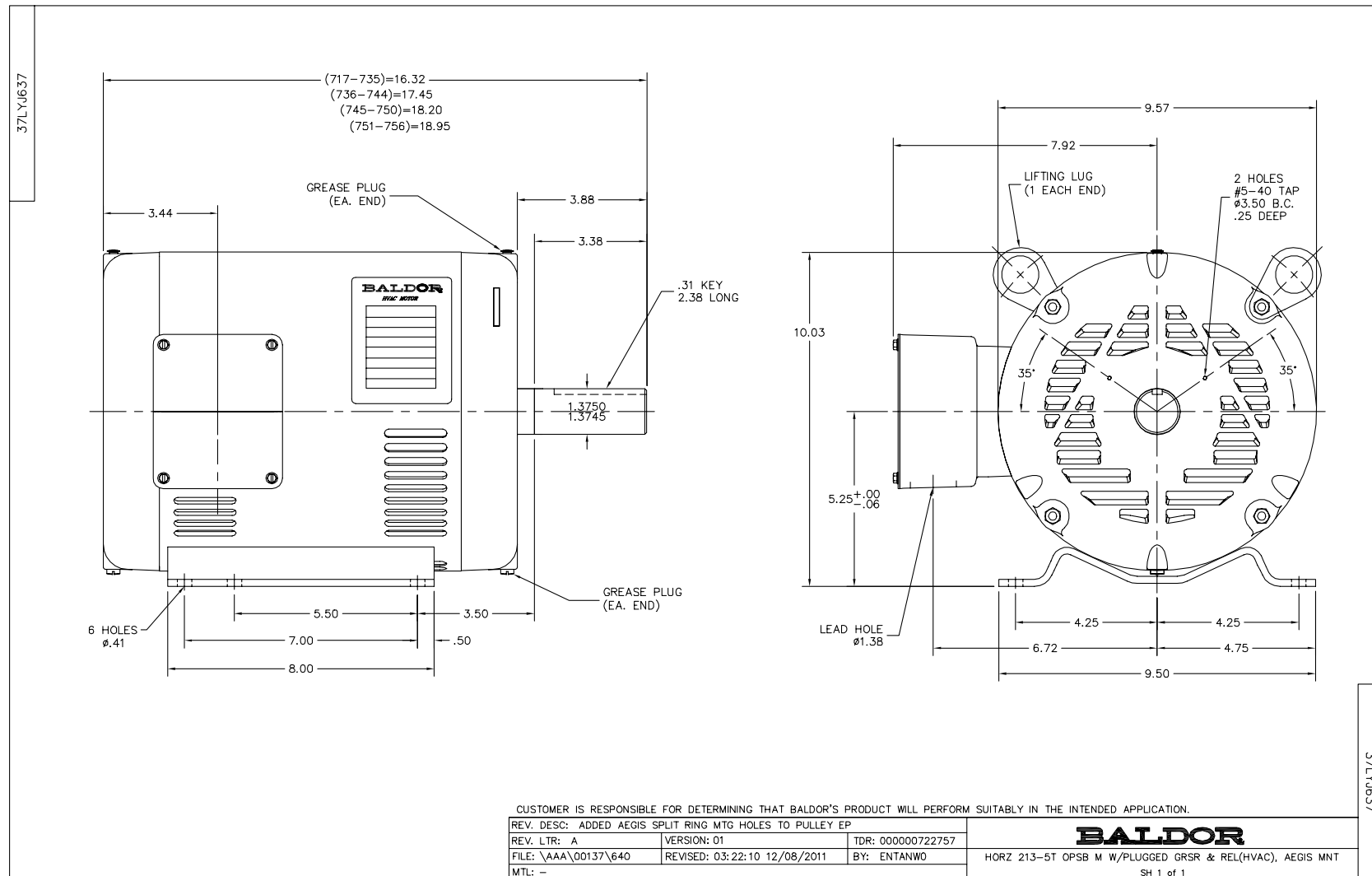
Parts List (continued)		
Part Number	Description	Quantity
LC0005	CONN.DIA.,TY M,9-LD,DUAL VOLT,REVERSING	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
NP2094E06B03	NP LABEL W/BARCODE (PREM EFF HVAC MTR)	1.000 EA
36PA1001	PACKAGING GROUP	1.000 EA

Performance Data at 460V, 60Hz, 10.0HP (Typical performance - Not guaranteed values)

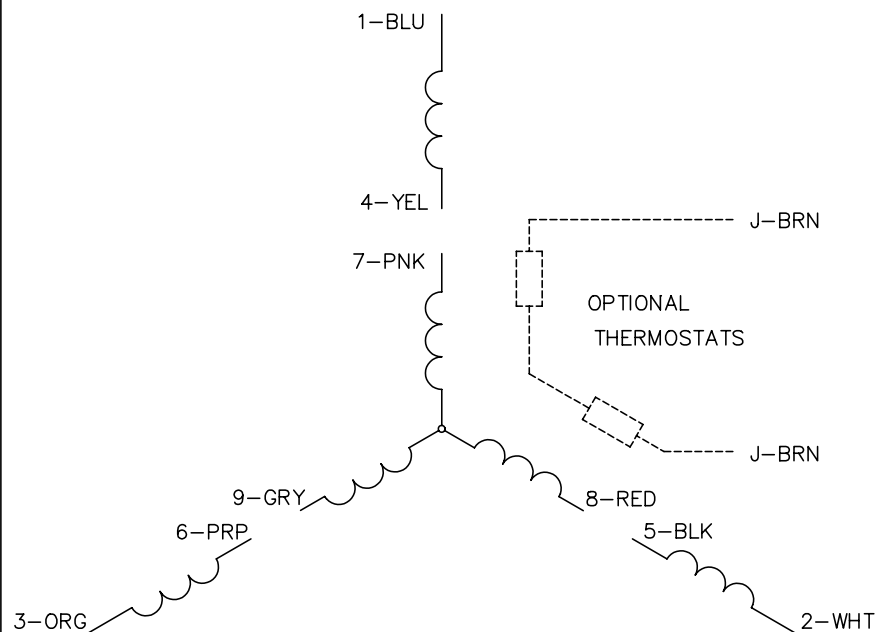
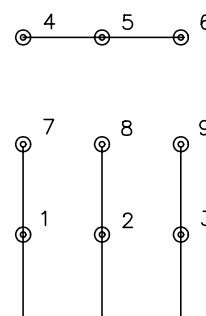
General Characteristics							
Full Load Torque:		29.7 LB-FT		Start Configuration:		DOL	
No-Load Current:		5.51 Amps		Break-Down Torque:		86.2 LB-FT	
Line-line Res. @ 25°C.:		1.18 Ohms A Ph / 0.0 Ohms B Ph		Pull-Up Torque:		46.2 LB-FT	
Temp. Rise @ Rated Load:		34 C		Locked-Rotor Torque:		51.6 LB-FT	
Temp. Rise @ S.F. Load:		42 C		Starting Current:		88.3 Amps	
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	44.0	66.0	77.0	82.0	84.0	85.0	83.0
Efficiency:	87.6	91.6	92.3	91.9	91.0	89.8	91.4
Speed:	1793.0	1785.0	1777.0	1769.0	1759.0	1749.0	1763.0
Line Amperes:	6.15	7.79	9.93	12.5	15.3	18.5	14.2

Performance Graph at 460V, 60Hz, 10.0HP Typical performance - Not guaranteed values

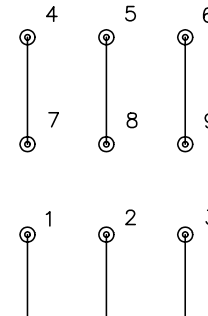




CD0005


 LOW VOLTAGE
(2Y)


LINE

 HIGH VOLTAGE
(1Y)


LINE

NOTES:

1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
2. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
3. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY BE A MULTIPLE OF THOSE SHOWN ABOVE.
4. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

REV. DESC: REVISE TO SHOW OPTIONAL COLORS

REV. LTR: E

BY: JLP

REVISED: 01/19/99 10:15

TDR: 0171435

9000D0

FILE: AAA00005140

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

CD0005