

BALDOR® • *RELIANCE*

Product Information Packet

EHM3714T

10HP,1770RPM,3PH,60HZ,215T,3752M,TEFC,F1

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Part Detail							
Revision:	C	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3752M	Elec. Spec:	37WGS518	CD Diagram:	
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	37J543	Layout:	
Frame:	215T	Mounting:	F1	Poles:	04	Created Date:	12-09-2011
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	08-28-2012
Leads:	9#14	Literature:		Elec. Diagram:		Replaced By:	

Nameplate NP2094E06B03									
CAT.NO.	EHM3714T								
SPEC.	37J543S518G1								
HP	10								
VOLTS	208-230/460								
AMPS	25.4-24/12								
RPM	1770								
FRAME	215T	HZ			60	PH	3		
SER.F.	1.15	CODE			K	DES	A	CL	F
NEMA-NOM-EFF	91.7	PF			85				
RATING	40C AMB-CONT								
CC	010A	USABLE AT 208V							
DE	6307	ODE			6206				
AUTO	N	MANUAL			N	NONE	Y		
ENCL	TEFC	SN							
BLANK									

Parts List		
Part Number	Description	Quantity
SA236133	SA 37J543S518G1	1.000 EA
RA223081	RA 37J543S518G1	1.000 EA
37FN3002C01	EXFN, PLASTIC, 6.00 OD, 1.155 ID	1.000 EA
S/P107-000-001	SUPER E PROC'S-FS & WS PLTS-POLYREX EM G	1.000 EA
HW3200A01	3/8-16X3/4 I-BLT WELDED F/S	1.000 EA
37CB3006	37 CB CASTING W/1.38 LEAD HOLE @ 6:00	1.000 EA
37GS1000SP	GASKET, CONDUIT BOX STD., .06 THICK LEXI	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
37EP3101A01SP	FR ENDPLATE,TEFC, 37 L&M, W/GREASER	1.000 EA
HW4500A19	1/4-28X1/4 SLOTTED PLUG F/S	1.000 EA
HW5100A06	W2420-025 WVY WSHR (WB)	1.000 EA
37EP3100B20	PUEP ENCL "T"-307 BRG, W/GRSR	1.000 EA
91XN0540J08	SCREW, 5-40 X 1/2", FHC, AS	2.000 EA
HW4500A19	1/4-28X1/4 SLOTTED PLUG F/S	1.000 EA
XY3118A12	5/16-18 HEX NUT DIRECTIONAL SERRATION	4.000 EA
51XB1214A20	12-14X1.25 HXWSSLD SERTYB	1.000 EA
07FH4007SP	IEC FH W/GRSR, NOTCH @ 6:00 & 3 FAN CVR	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 EA
37CB4516	LIPPED LID FOR 37 FRAME NEC KOBX	1.000 EA
37GS1008SP	37 GS FOR CB LID - LEXIDE	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

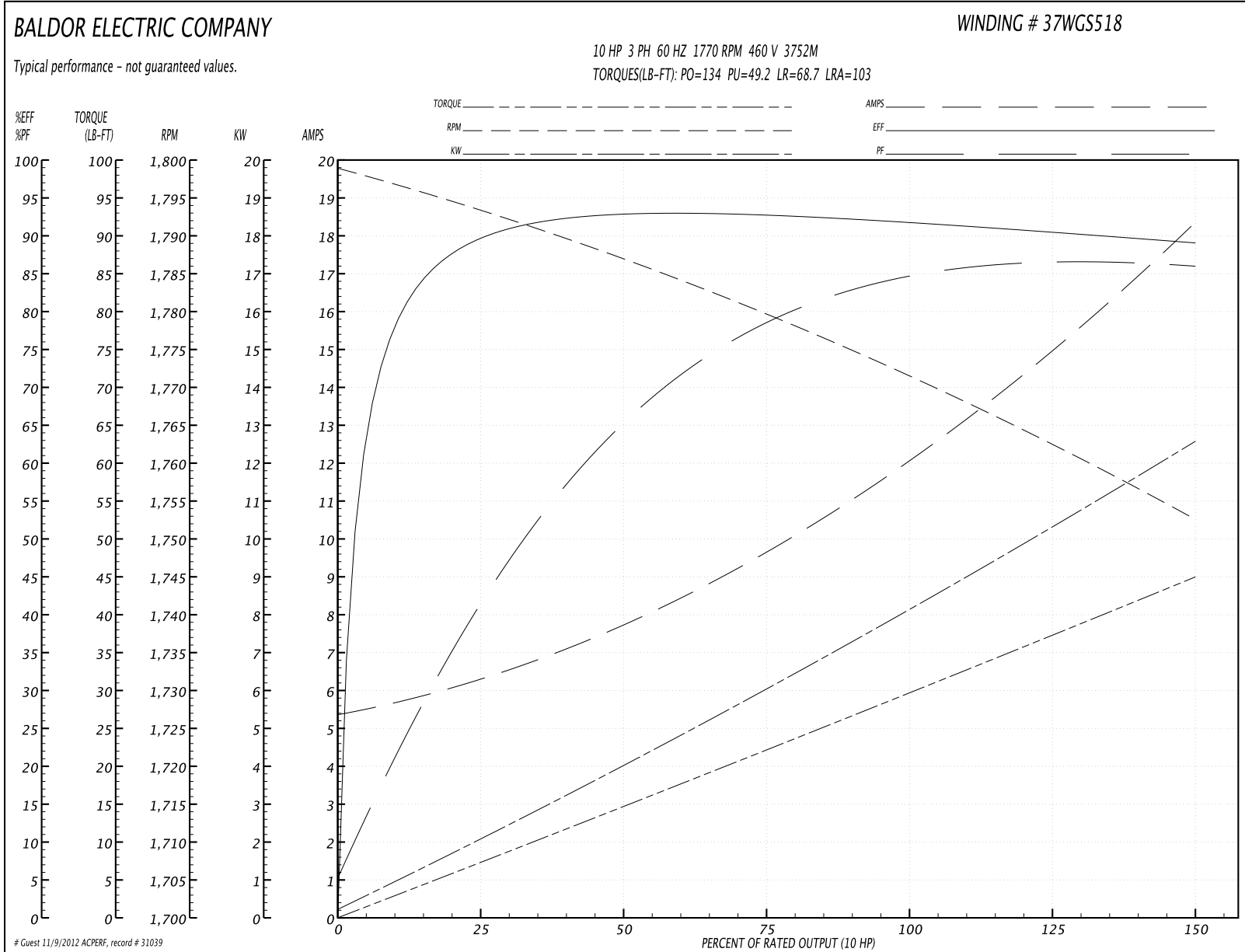
Parts List (continued)		
Part Number	Description	Quantity
LB1115	LABEL,LIFTING DEVICE	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.028 GA
HA3104A25	THRUBOLT .31-18 X 14.75	4.000 EA
LB1125C02	SUPER-E (STOCK CTN LABEL SUPER-E WITH FL	1.000 EA
LB1357	ENERGY GUIDE LABEL (BOX LABEL)	1.000 SH
LC0005	CONN.DIA.,TY M,9-LD,DUAL VOLT,REVERSING	1.000 EA
NP2094E06B03	NP LABEL W/BARCODE (PREM EFF HVAC MTR)	1.000 EA
37PA1052	PACKAGING GROUP, 150 LB MTR 2 X 4 RUNNER	1.000 EA

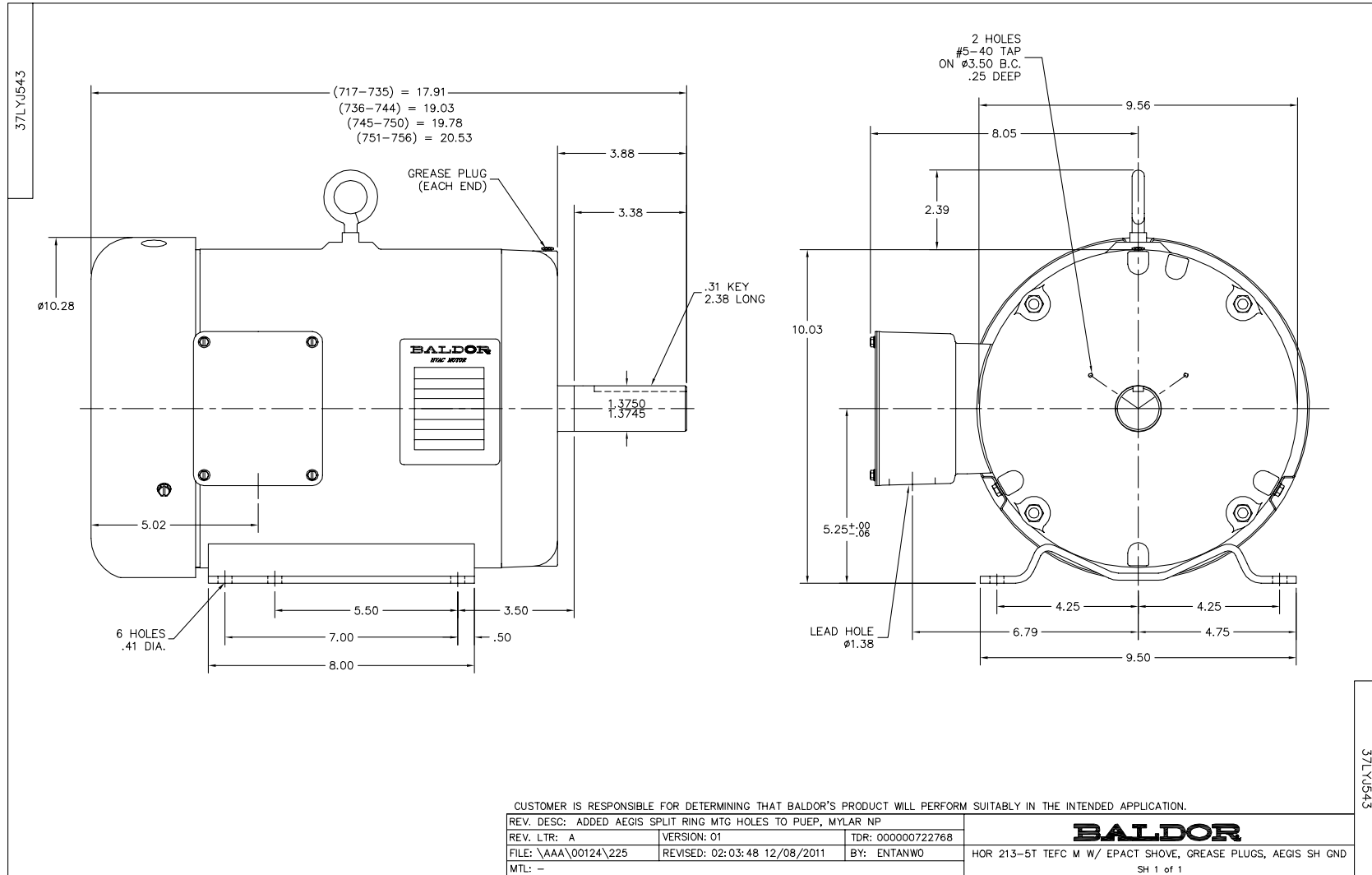
Performance Data at 460V, 60Hz, 10.0HP (Typical performance - Not guaranteed values)

General Characteristics			
Full Load Torque:	29.5 LB-FT	Start Configuration:	DOL
No-Load Current:	5.49 Amps	Break-Down Torque:	134.0 LB-FT
Line-line Res. @ 25°C.:	0.93503 Ohms A Ph / 0.0 Ohms B Ph	Pull-Up Torque:	49.2 LB-FT
Temp. Rise @ Rated Load:	63 C	Locked-Rotor Torque:	68.7 LB-FT
Temp. Rise @ S.F. Load:	81 C	Starting Current:	103.0 Amps

Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	42.0	66.0	79.0	85.0	84.0	87.0	84.0
Efficiency:	88.9	92.1	92.4	91.8	90.3	89.0	90.9
Speed:	1793.9	1786.8	1779.7	1771.8	1762.7	1752.5	1766.0
Line Amperes:	6.14	7.63	9.58	11.9	15.4	18.1	14.0

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
90000		FILE: AAA00005140	MDL: -
		MTL: -	

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

CD0005