

BALDOR® • *RELIANCE*

Product Information Packet

EM3311T-G

7.5HP,1770RPM,3PH,60HZ,213T,3733M,OPSB,F

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Part Detail							
Revision:	A	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3733M	Elec. Spec:	37WGS520	CD Diagram:	
Enclosure:	OPSB	Mfg Plant:		Mech. Spec:	37J839	Layout:	
Frame:	213T	Mounting:	F1	Poles:	04	Created Date:	09-07-2010
Base:	RG	Rotation:	R	Insulation:	H	Eff. Date:	04-09-2011
Leads:	9#14	Literature:		Elec. Diagram:		Replaced By:	

Nameplate NP1259L							
CAT.NO.	EM3311T-G						
SPEC.	37J839S520G1						
HP	7.5						
VOLTS	208-230/460						
AMP	20.4-19.4/9.7						
RPM	1770						
FRAME	213T	HZ	60	PH	3		
SER.F.	1.15	CODE	J	DES	A	CL	H
NEMA-NOM-EFF	91	PF	79				
RATING	40C AMB-CONT						
CC	010A	USABLE AT 208V					
DE	6307	ODE	6206				
ENCL	OPSB	SN					

Parts List		
Part Number	Description	Quantity
SA202657	SA 37J839S520G1	1.000 EA
RA189934	RA 37J839S520G1	1.000 EA
S/P107-000-001	SUPER E PROC'S-FS & WS PLTS-POLYREX EM G	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	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
37EP3200A01SP	FR ENDPLATE, 37L&M, OPEN, MACH, W/GREASE	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW5100A06	W2420-025 WVY WSHR (WB)	1.000 EA
BP5309A01	AEGIS SH GRD ASSY W/RETAINER RING	1.000 EA
37EP3201A80	PUEP OPEN 307 BRG W/2 GREASERS, LOCK BRG	1.000 EA
10XN2520A28	1/4-20X 1 3/4 HEX HD	4.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	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
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
LB1115	LABEL,LIFTING DEVICE	1.000 EA
LB1459	AEGIS SGR LABEL "AEGISLBL-100"	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB

Parts List (continued)		
Part Number	Description	Quantity
HA3104A39	THRUBOLT-5/16-18 X 12.250	4.000 EA
37AD2001A01	BAFFLE PLATE, STAMPED	2.000 EA
MG1000Y03	WILKO 689.710 GOLD PAINT SUPER E	0.028 GA
LB1125C02	SUPER-E (STOCK CTN LABEL SUPER-E WITH FL	1.000 EA
LB1357	ENERGY GUIDE LABEL (BOX LABEL)	1.000 SH
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119)	1.000 EA
NP1259L	ALUM SUPER-E UL CSA-EEV CC NEMA PREMIUM	1.000 EA
36PA1001	PACKAGING GROUP	1.000 EA

Performance Data at 460V, 60Hz, 7.5HP (Typical performance - Not guaranteed values)

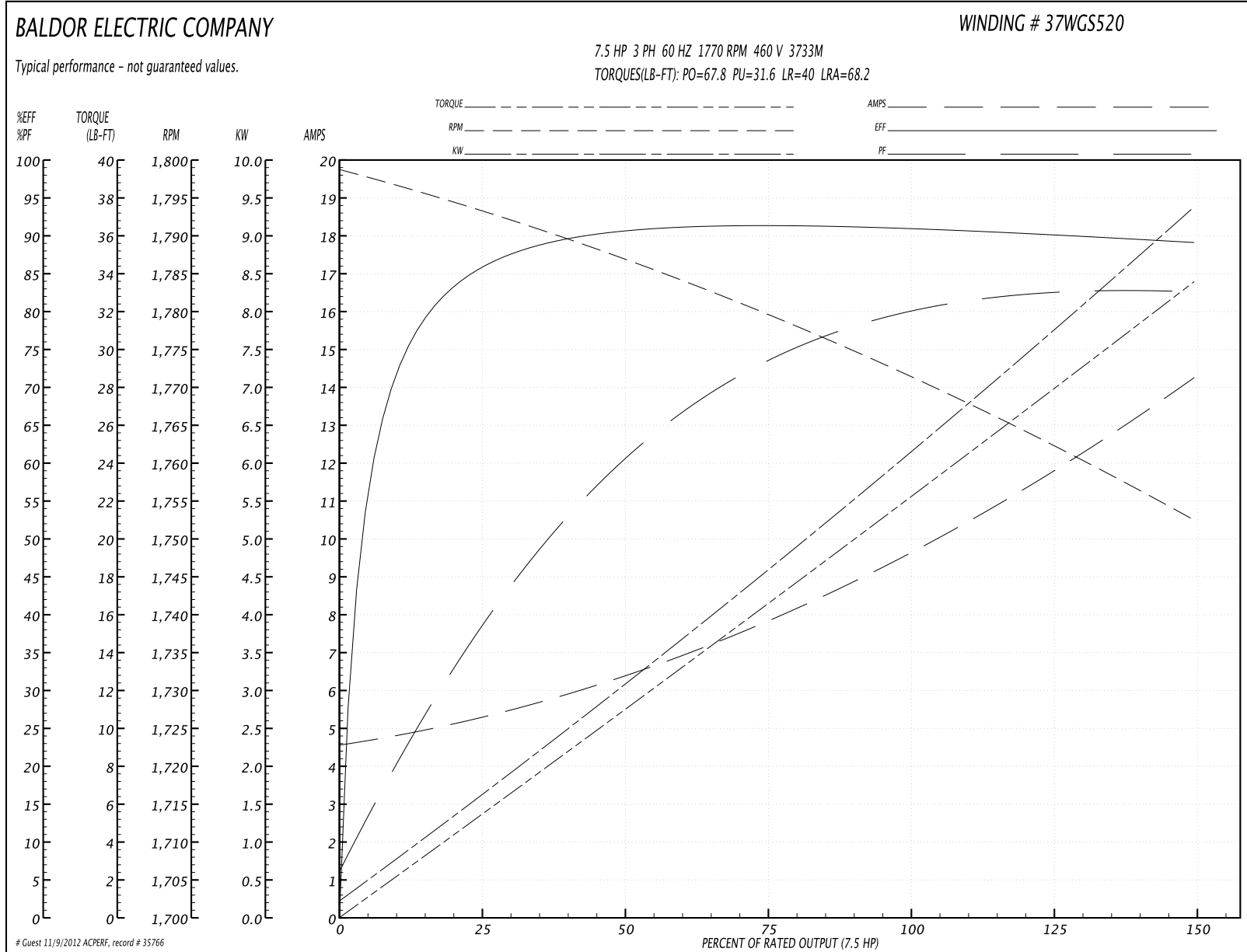
General Characteristics

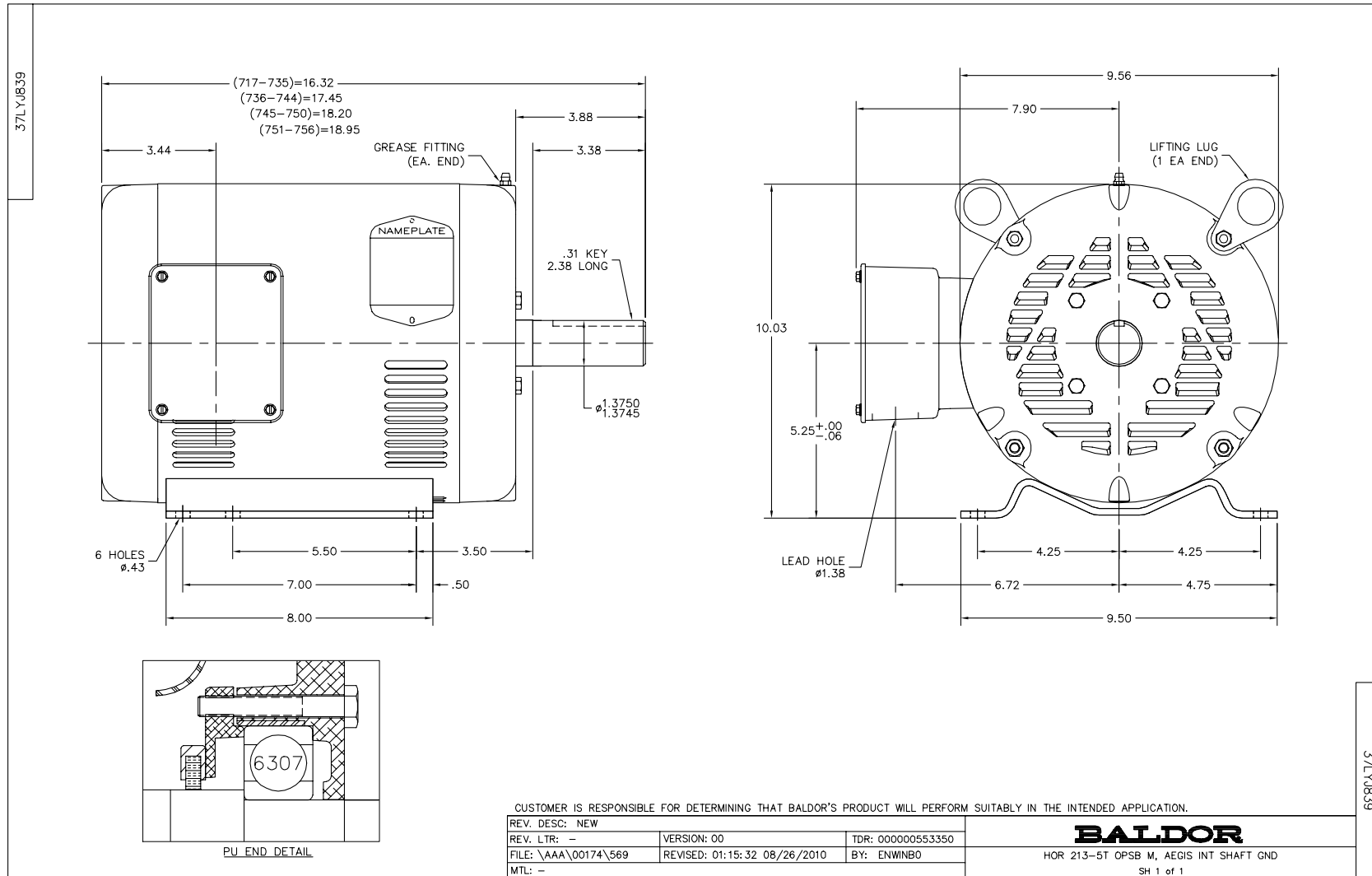
Full Load Torque:	22.1 LB-FT	Start Configuration:	DOL
No-Load Current:	4.67 Amps	Break-Down Torque:	67.8 LB-FT
Line-line Res. @ 25°C.:	1.55 Ohms A Ph / 0.0 Ohms B Ph	Pull-Up Torque:	31.6 LB-FT
Temp. Rise @ Rated Load:	35 C	Locked-Rotor Torque:	40.0 LB-FT
Temp. Rise @ S.F. Load:	43 C	Starting Current:	68.2 Amps

Load Characteristics

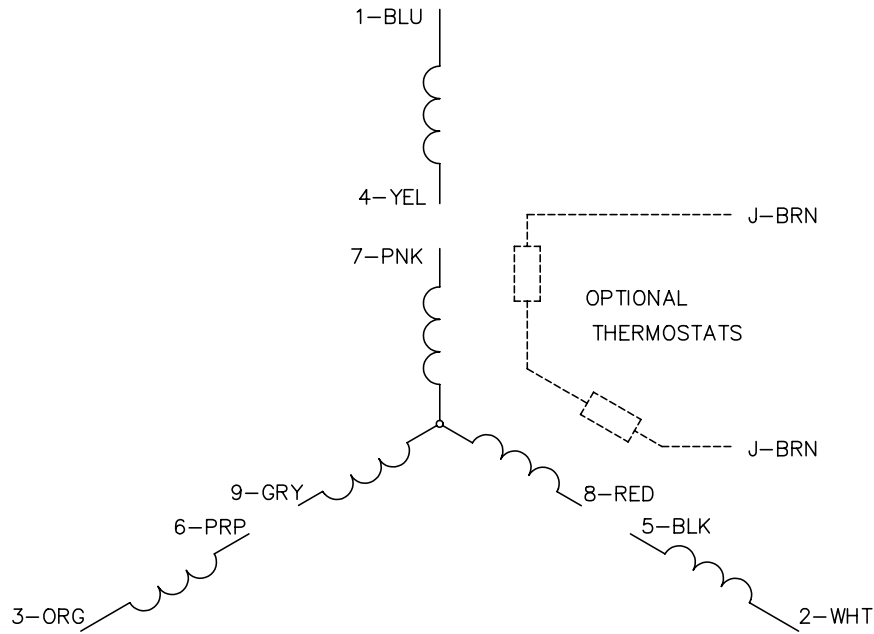
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	40.0	62.0	73.0	79.0	82.0	83.0	81.0
Efficiency:	85.5	90.6	91.3	90.9	90.5	89.0	90.7
Speed:	1793.0	1787.0	1779.0	1772.0	1763.0	1752.0	1767.0
Line Amperes:	5.16	6.29	7.88	9.72	11.8	14.2	11.0

Performance Graph at 460V, 60Hz, 7.5HP Typical performance - Not guaranteed values





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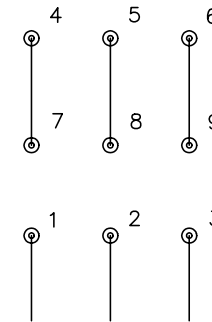


LOW VOLTAGE
(2Y)



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