

BALDOR® • RELIANCE

Product Information Packet

VEJMM3311T

7.5HP,1770RPM,3PH,60HZ,213JM,3733M,ODTF

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Part Detail									
Revision:	H	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3733M	Elec. Spec:	37WGS186	CD Diagram:			
Enclosure:	ODTF	Mfg Plant:		Mech. Spec:	37Q027	Layout:			
Frame:	213JM	Mounting:	F1	Poles:	04	Created Date:	07-12-2007		
Base:	N	Rotation:	R	Insulation:	F	Eff. Date:	03-05-2012		
Leads:	9#14	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP1259L									
CAT.NO.	VEJMM3311T								
SPEC.	37Q027S186G1								
HP	7.5								
VOLTS	230/460								
AMP	19.2/9.6								
RPM	1770								
FRAME	213JM	HZ			60	PH	3		
SER.F.	1.15	CODE			J	DES	A	CL	F
NEMA-NOM-EFF	91	PF			79				
RATING	40C AMB-CONT								
CC	010A	USABLE AT 208V			21				
DE	6309	ODE			6206				
ENCL	ODTF	SN							

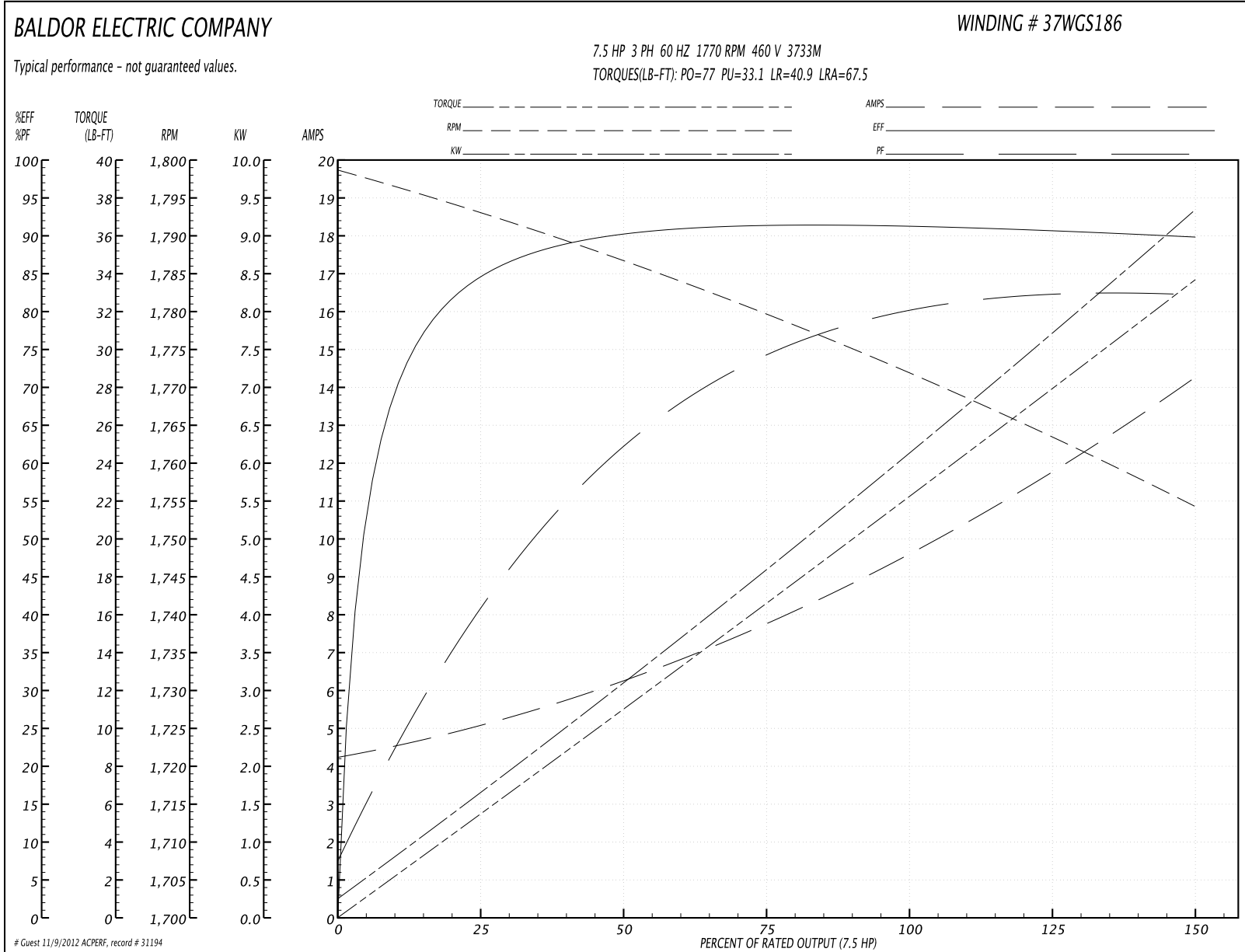
Parts List		
Part Number	Description	Quantity
SA161238	SA 37Q027S186G1	1.000 EA
RA149802	RA 37Q027S186G1	1.000 EA
S/P107-000-001	SUPER E PROC'S-FS & WS PLTS-POLYREX EM G	1.000 EA
HW3200A01	3/8-16X3/4 I-BLT WELDED F/S	1.000 EA
37CB3006	37 CB CASTING W/1.38 LEAD HOLE @ 6:00	1.000 EA
10XN2520A10	1/4-20X 5/8 HEX HD X	2.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
37EP3200A38	FR ENDPLATE, 37L&M, OPEN, MACH, W/GRSR &	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW5100A06	W2420-025 WVY WSHR (WB)	1.000 EA
37EP3401A03	PUEP OPEN 309 BRG W/BAFFLE, GRS	1.000 EA
37AD2000A02	BAFFLE PLATE, STAMPED PLATED	1.000 EA
60XW0632A06	6-32 X 3/8 TORX HEAD SCREW TAPTITE II	4.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
10XN2520A36	1/4-20X 2 1/4 HEX HD X	4.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 EA
XY3118A12	5/16-18 HEX NUT DIRECTIONAL SERRATION	4.000 EA
51XB1214A20	12-14X1.25 HXWSSLD SERTYB	1.000 EA
07FH4004A05	SPL 307 DRIP COVER ODTF LESS GRILLE	1.000 EA
HA3218A05	M/FE STANDOFF UNIC#SX1043.25-20 .38 HEX	3.000 EA
10XN2520A06	1/4 20X3/8 HX HD CAP	3.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	3.000 EA
HW4600A73	SEAL 1.748 X 2.375 X 0.250 FACE SEALING	1.000 EA

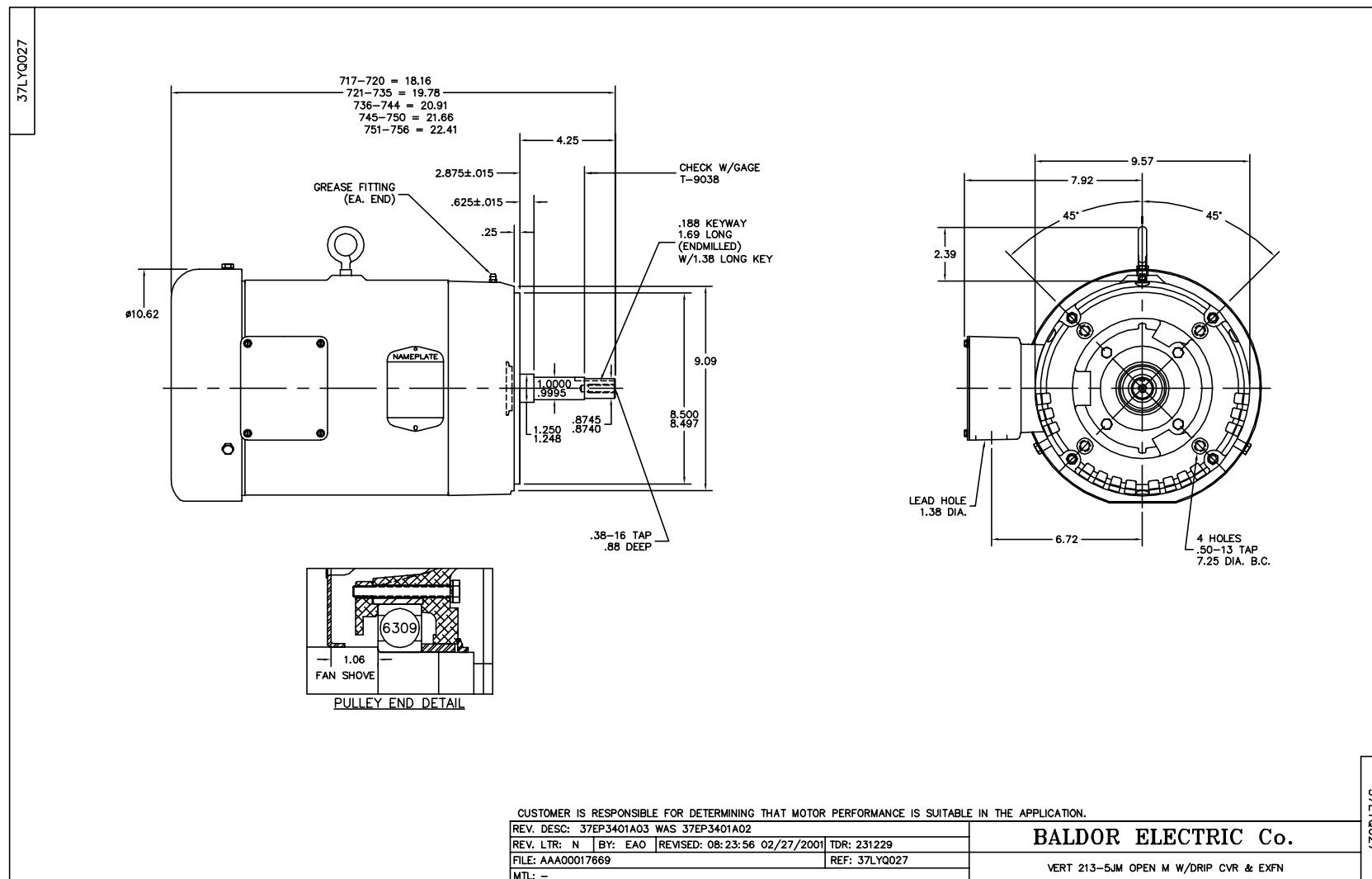
Parts List (continued)		
Part Number	Description	Quantity
37CB4516	LIPPED LID FOR 37 FRAME NEC KOBX	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HW2501D13SP	KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A01	KEY RETAINER 7/8" DIA SHAFT	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
LB1115	LABEL,LIFTING DEVICE	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
37FN3002A01SP	EXFN, PLASTIC, 9.00 OD, 1.155 ID	1.000 EA
MG1000Y03	WILKO 689.710 GOLD PAINT SUPER E	0.028 GA
HA3104A14	THRUBOLT- 5/16-18 X12.125(OHIO)	4.000 EA
LB1125C02	SUPER-E (STOCK CTN LABEL SUPER-E WITH FL	1.000 EA
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119)	1.000 EA
LB1357	ENERGY GUIDE LABEL (BOX LABEL)	1.000 SH
NP1259L	ALUM SUPER-E UL CSA-EEV CC NEMA PREMIUM	1.000 EA
G0PA1000	PACKAGING GROUP	1.000 EA
PK3082	STYROFOAM CRADLE	1.000 EA

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

General Characteristics							
Full Load Torque:		22.2 LB-FT		Start Configuration:		DOL	
No-Load Current:		4.34 Amps		Break-Down Torque:		77.0 LB-FT	
Line-line Res. @ 25°C.:		1.47 Ohms A Ph / 0.0 Ohms B Ph		Pull-Up Torque:		33.1 LB-FT	
Temp. Rise @ Rated Load:		32 C		Locked-Rotor Torque:		40.9 LB-FT	
Temp. Rise @ S.F. Load:		40 C		Starting Current:		67.5 Amps	
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	41.0	61.0	74.0	80.0	82.0	83.0	81.0
Efficiency:	83.7	89.6	91.5	91.3	90.8	89.7	91.0
Speed:	1793.0	1787.0	1780.0	1772.0	1764.0	1754.0	1767.0
Line Amperes:	4.86	6.17	7.72	9.63	11.8	14.2	10.9

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

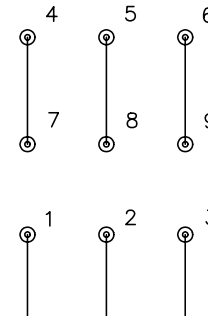




CD0005

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