

BALDOR® • RELIANCE

Product Information Packet

EJPM3311T

7.5HP/1760RPM/3PH/OPSB/NEMA 213JP

Part Detail							
Revision:	V	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3735M	Elec. Spec:	37WGX635	CD Diagram:	CD0005
Enclosure:	OPSB	Mfg Plant:		Mech. Spec:	37F810	Layout:	37LYF810
Frame:	213JP	Mounting:	F1	Poles:	04	Created Date:	
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	11-06-2015
Leads:	9#14					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1259L

CAT.NO.	EJPM3311T											
SPEC.	37F810X635E7											
HP	7.5											
VOLTS	230/460											
AMP	18.6/9.3											
RPM	1760											
FRAME	213JP				HZ		60			PH		3
SER.F.	1.15		CODE		H	DES		B	CL		F	
NEMA-NOM-EFF	91		PF		84							
RATING	40C AMB-CONT											
CC	010A		USABLE AT 208V								19.7	
DE	6309			ODE		6206						
ENCL	OPSB		SN									

Parts List		
Part Number	Description	Quantity
SA073379	SA 37F810X635E7	1.000 EA
RA067114	RA 37F810X635E7	1.000 EA
HA6361A01	LIFTING LUG FOR 37, 39 & 40 FRAME ZINC	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
37FE3200A15	FR ENDPLATE MACH	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
HA1104A01	RODENT SCREEN 37 FRAME 206 BRG FRONT END	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	4.000 EA
HW1000A10	#10 FLAT WASHER (SAE)	4.000 EA
HW5100A06	W2420-025 WVY WSHR (WB)	1.000 EA
37PE3401A11	PUEP 309 BRG W/METAL SLINGER, GRS & RELI	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
HA1222	RODENT SCREEN - 37 C-FACE MOTORS	4.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	4.000 EA
HW1000A10	#10 FLAT WASHER (SAE)	4.000 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
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

Parts List (continued)		
Part Number	Description	Quantity
HA2009A02	SLINGER MODEL 37 PUMP MOTORS-2.75 DIA. A	1.000 EA
80XN1032A06	10-32 X 3/8 SET SC HEX SOCK	1.000 EA
HW2501E21	KEY, 1/4 SQ X 2.375	1.000 EA
HA7000A02	KEY RETAINER RING, 1 1/8 DIA, 1 3/8 DIA	1.000 EA
LB1115N	LABEL,LIFTING DEVICE (ON ROLLS)	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
MJ1000A02	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
MG1000Y03	MUNSELL 2.53Y 6.70/ 4.60, GLOSS 20,	0.025 GA
HA3104A39	THRUBOLT-5/16-18 X 12.250	4.000 EA
37AD2001A01	BAFFLE PLATE, STAMPED	2.000 EA
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119N)	1.000 EA
NP1259L	ALUM SUPER-E UL CSA-EEV CC NEMA PREMIUM	1.000 EA
PK3085X	FOAM SHAFT SUPPORT PRECUT 4-1/4 X 6-3/4	1.000 EA
G0PA1000	PKG GRP, PRINT PK1026A06	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1000/bx) 11/14	1.000 EA
LB1417	LABEL CARTON 6X4 PERFORATED BLANK ROLLS	1.000 EA

AC Induction Motor Performance Data

Record # 53405 - Typical performance - not guaranteed values

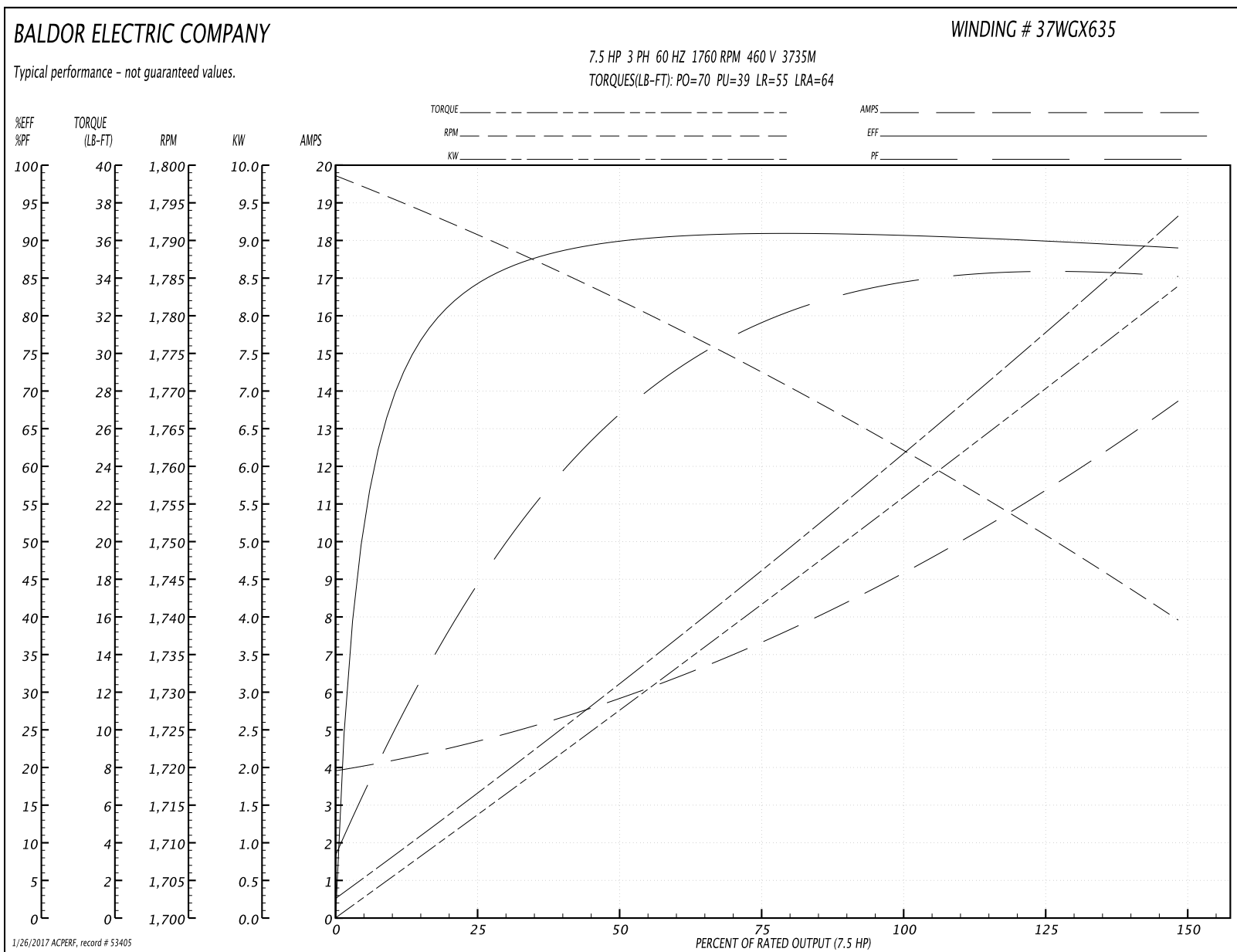
Winding: 37WGX635-R013	Type: 3735M	Enclosure: OPEN
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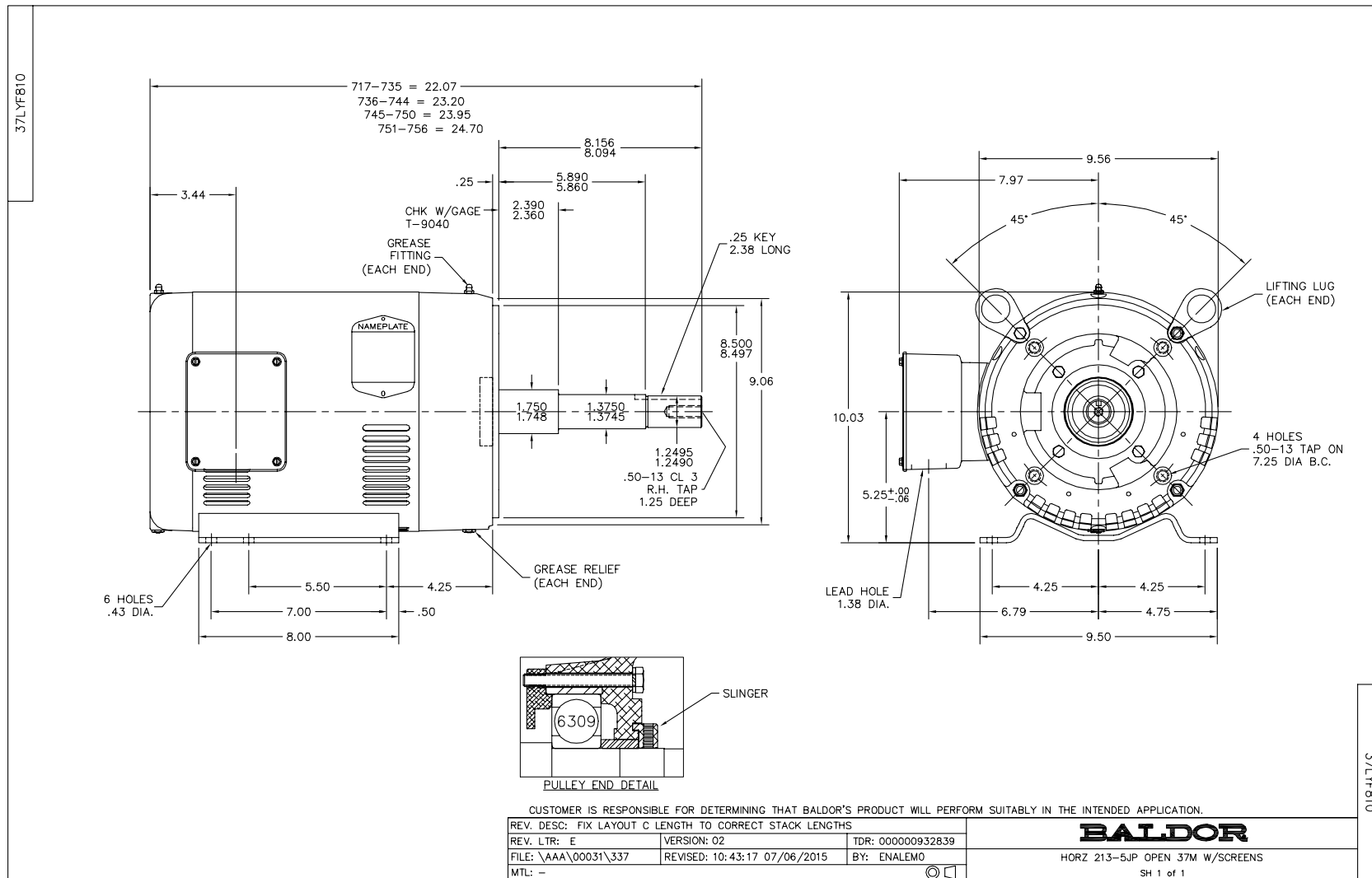
Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	7.5			Full Load Torque	22.4 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	18.6/9.3			Breakdown Torque	70 LB-FT
R.P.M.	1760			Pull-up Torque	39 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	55 LB-FT
NEMA Design Code	B	KVA Code	H	Starting Current	64 A
Service Factor (S.F.)	1.15			No-load Current	4 A
NEMA Nom. Eff.	91	Power Factor	84	Line-line Res. @ 25°C	1.49 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	36°C
S.F. Amps				Temp. Rise @ S.F. Load	45°C
				Locked-rotor Power Factor	42
				Rotor inertia	0.734 LB-FT ²

Load Characteristics 460 V, 60 Hz, 7.5 HP

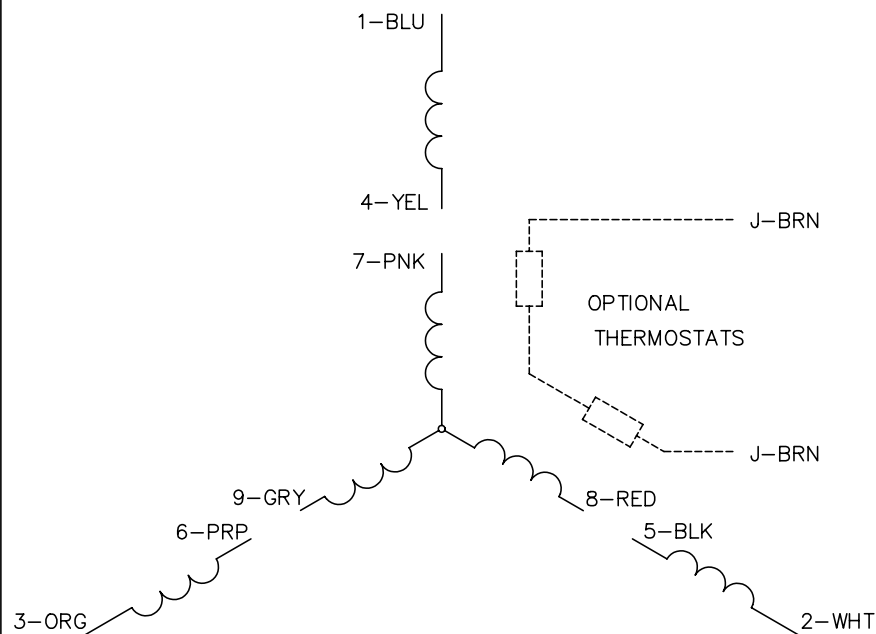
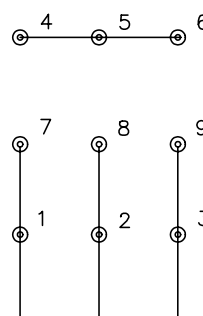
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	46	68	79	83	86	86	85
Efficiency	84.4	89.7	90.8	90.8	90.1	88.9	90.4
Speed	1790	1782	1772	1762	1752	1739	1756
Line amperes	4.6	5.8	7.4	9.3	11.3	13.7	10.5

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

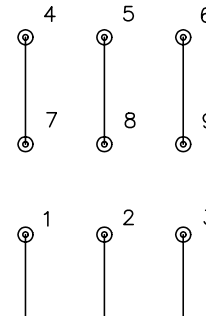




CD0005

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

900000

FILE: AAA00005140

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

CD0005