

BALDOR® • RELIANCE

Product Information Packet

JMM3311T

7.5HP,1750RPM,3PH,60HZ,213JM,3644M,OPSB

Part Detail							
Revision:	D	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3644M	Elec. Spec:	36WGS915	CD Diagram:	CD0005
Enclosure:	OPSB	Mfg Plant:		Mech. Spec:	36M900	Layout:	36LYM900
Frame:	213JM	Mounting:	F1	Poles:	04	Created Date:	04-17-2012
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	10-08-2013
Leads:	9#16					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L									
CAT.NO.	JMM3311T								
SPEC.	36M900S915H1								
HP	7.5								
VOLTS	208-230/460								
AMP	21-19.8/9.9								
RPM	1750								
FRAME	213JM	HZ			60	PH		3	
SER.F.	1.15	CODE			J	DES		A	CLASS
NEMA-NOM-EFF	88.5	PF			80				
RATING	40C AMB-CONT								
CC	010A	USABLE AT 208V							
DE	6307	ODE			6205				
ENCL	OPSB	SN							

Parts List		
Part Number	Description	Quantity
SA242782	SA 36M900S915H1	1.000 EA
RA229685	RA 36M900S915H1	1.000 EA
36CB3004	36 CB CASTING W/1.09 DIA LEAD HOLE @ 6:0	1.000 EA
51XB1016A08	10-16X 1/2HXWSSLD SERTYB	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
36EP3200A01SP	FR ENDPLATE, MACH	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 EA
HA1103A08	RODENT SCREEN, 36 FRAME, OPEN, FRONT END	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	4.000 EA
36EP1409A04	EP 182-4TC OPEN 36 (307 BRG)GRSR & RELIE	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
10XN2520A32	1/4 X 2 HEX HEAD CAP SCR,GRADE 2	2.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	2.000 EA
HA1102A09	RODENT SCREEN 36 OPEN FAC	2.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	4.000 EA
HA3101A28	THRUBOLT 1/4-20 X 12.500 OHIO ROD	4.000 EA
36CB4516	36 LIPPED CB LID	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HA1005A07SP	SLINGER, OD 2.25, ID 1.344, 307 BRG	1.000 EA
HW2509D13	316 SS 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
MJ1000A75	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB

Parts List (continued)		
Part Number	Description	Quantity
MG1000G27	MED CHARCOAL METALLIC GREY	0.022 GA
36AD2004A01	BAFFLE PLATE,MOD 36-SLTD BAND MTRS DELTA	2.000 EA
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119N)	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
NP1256L	ALUM UL CSA CC	1.000 EA
G0PA1000	SPCL PACKAGING	1.000 EA
LB1506	LABEL "AMERICAN MADE" 1.50 X 1.00	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 10/13	1.000 EA

AC Induction Motor Performance Data

Record # 47551 - Typical performance - not guaranteed values

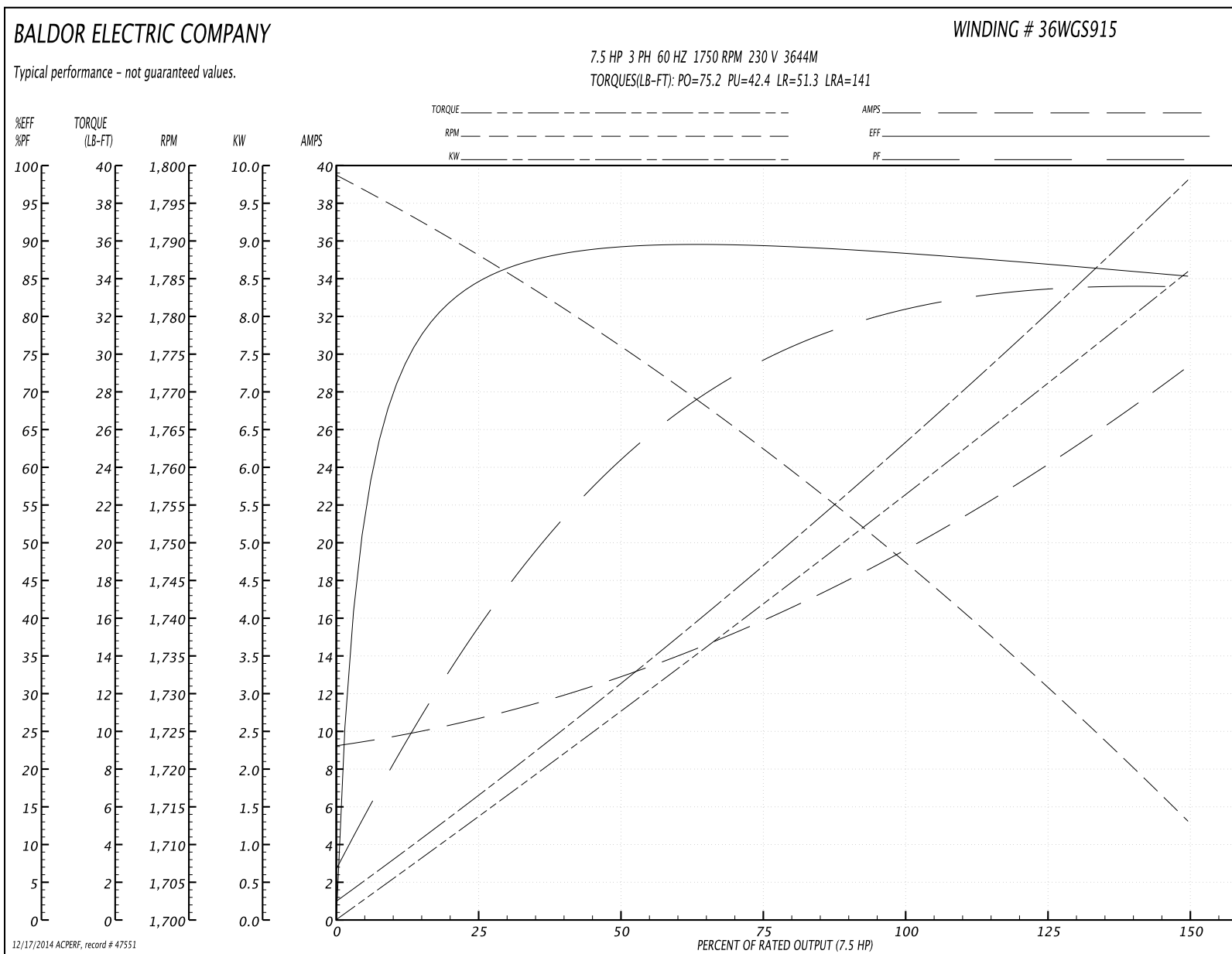
Winding: 36WGS915-R001	Type: 3644M	Enclosure: OPSB
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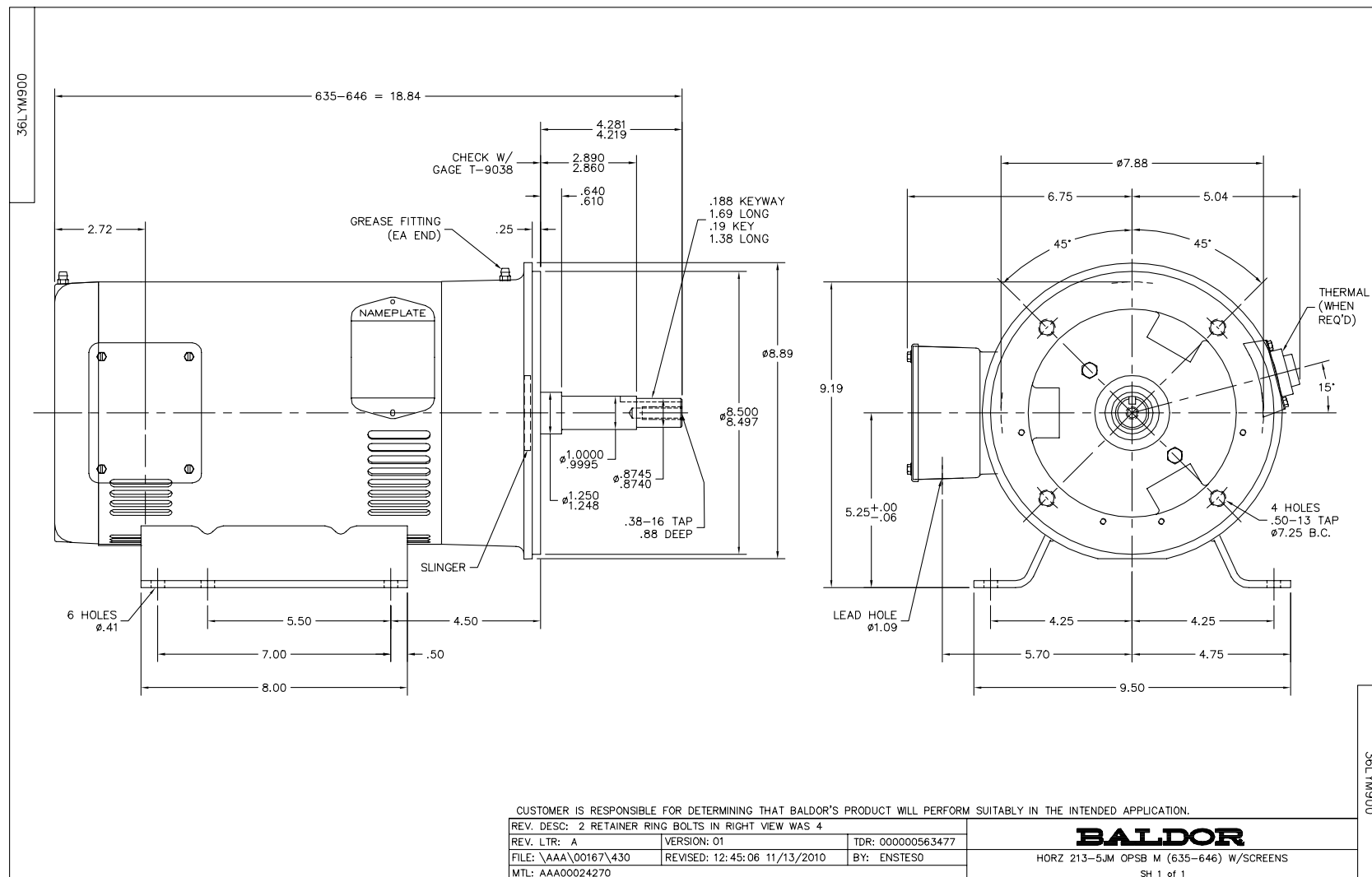
Nameplate Data				230 V, 60 Hz: Low Voltage Connection	
Rated Output (HP)	7.5			Full Load Torque	22.6 LB-FT
Volts	208-230/460			Start Configuration	direct on line
Full Load Amps	21-19.8/9.9			Breakdown Torque	75.2 LB-FT
R.P.M.	1750			Pull-up Torque	42.4 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	51.3 LB-FT
NEMA Design Code	A	KVA Code	J	Starting Current	141 A
Service Factor (S.F.)	1.15			No-load Current	9.44 A
NEMA Nom. Eff.	88.5	Power Factor	80	Line-line Res. @ 25°C	0.437 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	65°C
S.F. Amps				Temp. Rise @ S.F. Load	79°C
				Rotor inertia	0.41 LF ²

Load Characteristics 230 V, 60 Hz, 7.5 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	39	62	74	81	83	84	84
Efficiency	83.7	89.2	89.2	88.8	87	85.3	89
Speed	1788	1776	1762	1748	1731	1713	1750
Line amperes	10.4	12.7	16.1	19.7	24.2	29.2	21.7

Performance Graph at 230V, 60Hz, 7.5HP Typical performance - Not guaranteed values

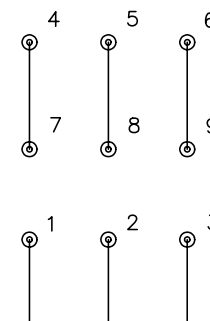




CD0005

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