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Product Information Packet

ELECTRIC MOTOR WHOLESAL.COM

JMM3314T

15HP,3500RPM,3PH,60HZ,215JM,3731M,OPSB,F

Part Detail									
Revision:	-	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3731M	Elec. Spec:	37WGS634	CD Diagram:			
Enclosure:	OPSB	Mfg Plant:		Mech. Spec:	37F696	Layout:			
Frame:	215JM	Mounting:	F1	Poles:	02	Created Date:	05-31-2012		
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	06-06-2012		
Leads:	9#14	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP1256L									
CAT.NO.	JMM3314T								
SPEC.	37F696S634H2								
HP	15								
VOLTS	208-230/460								
AMP	39-36/18								
RPM	3500								
FRAME	215JM	HZ	60	PH	3				
SER.F.	1.15	CODE	G	DES	B	CLASS	F		
NEMA-NOM-EFF	89.5	PF	86						
RATING	40C AMB-CONT								
CC	010A	USABLE AT 208V	39						
DE	6309	ODE	6206						
ENCL	OPSB	SN							

Parts List		
Part Number	Description	Quantity
SA245559	SA 37F696S634H2	1.000 EA
RA232446	RA 37F696S634H2	1.000 EA
S/P101-000-000	EPACT PROCEDURES-FS PLANT-POLYREX EM, NO	1.000 EA
HA6361A01	LIFTING LUG FOR 37, 39 & 40 FRAME (AUTOP	2.000 EA
37CB3004	37 CB CASTING W/1.09 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
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
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW5100A06	W2420-025 WVY WSHR (WB)	1.000 EA
37EP3401A04	PUEP OPEN 309 BRG NO BAFFLE	1.000 EA
HA1222	RODENT SCREEN - 37 C-FACE MOTORS	4.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	2.000 EA
HW1000A10	#10 FLAT WASHER (SAE)	2.000 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
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
HW4600A73	SEAL 1.748 X 2.375 X 0.250 FACE SEALING	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
HW2501D13SP	KEY, 3/16 SQ X 1.375	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
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.028 GA
HA3104A39	THRUBOLT-5/16-18 X 12.250	4.000 EA
37AD2001A01	BAFFLE PLATE, STAMPED	2.000 EA
LB1125C04	STD-E (STOCK CTN LABEL STD-E WITH FLAG)	1.000 EA
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119)	1.000 EA
NP1256L	ALUM, UL CSA CC, W/O THERMAL, LASER	1.000 EA
G0PA1000	PACKAGING GROUP	1.000 EA

Performance Data at 460V, 60Hz, 15.0HP (Typical performance - Not guaranteed values)

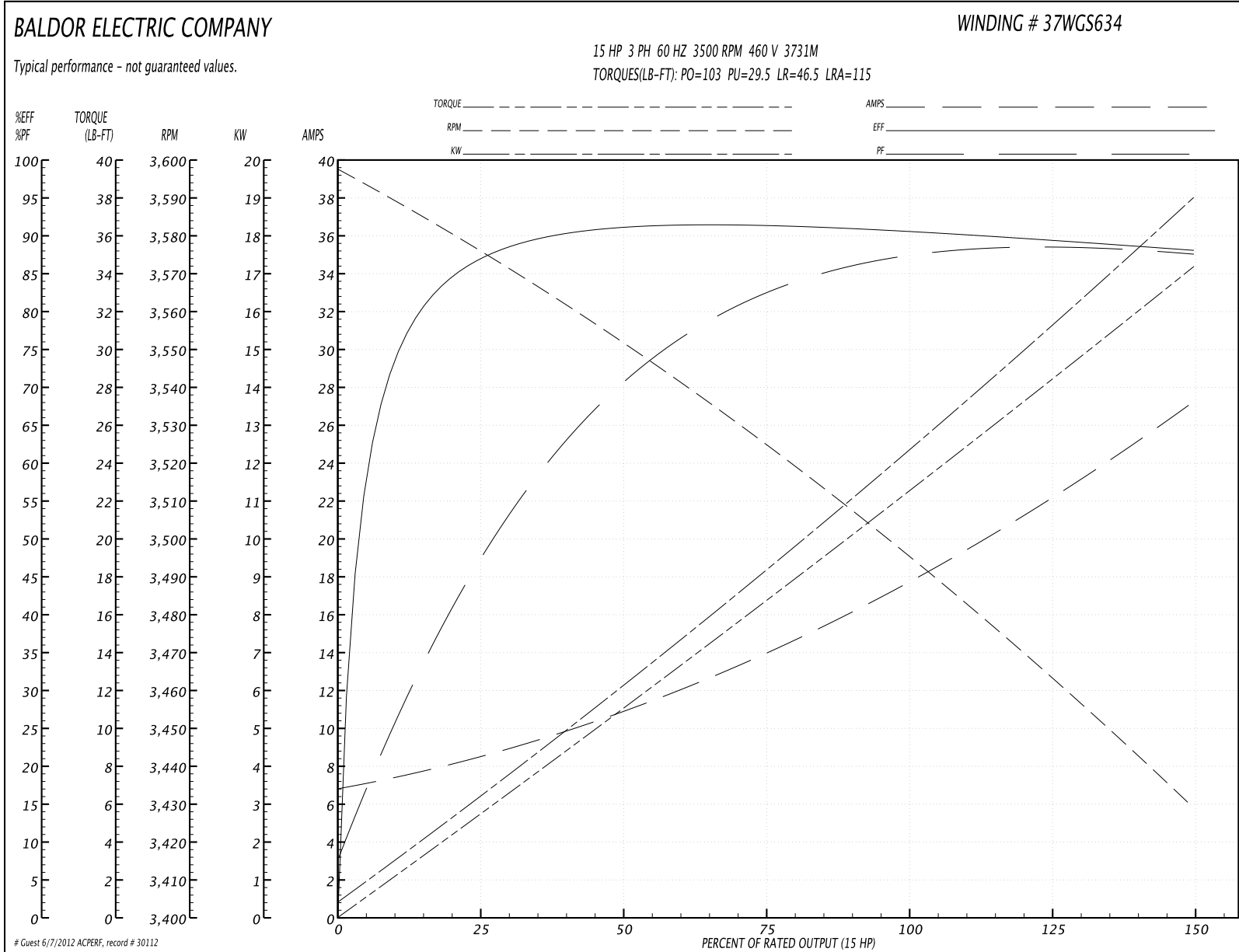
General Characteristics

Full Load Torque:	22.5 LB-FT	Start Configuration:	DOL
No-Load Current:	7.12 Amps	Break-Down Torque:	103.0 LB-FT
Line-line Res. @ 25°C.:	0.694 Ohms A Ph / 0.0 Ohms B Ph	Pull-Up Torque:	29.5 LB-FT
Temp. Rise @ Rated Load:	41 C	Locked-Rotor Torque:	46.5 LB-FT
Temp. Rise @ S.F. Load:	52 C	Starting Current:	115.0 Amps

Load Characteristics

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	49.0	72.0	82.0	86.0	88.0	88.0	87.0
Efficiency:	86.4	90.7	91.0	90.3	89.5	87.9	89.9
Speed:	3574.5	3551.6	3525.5	3496.5	3463.9	3428.2	3477.0
Line Amperes:	8.1	10.6	14.1	18.0	22.2	27.1	20.6

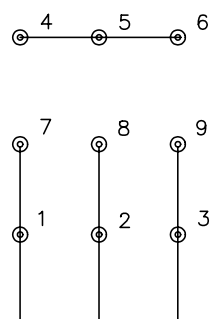
Performance Graph at 460V, 60Hz, 15.0HP Typical performance - Not guaranteed values



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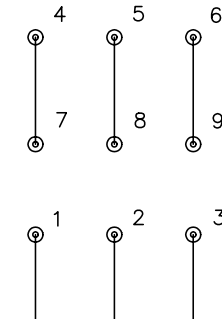


LOW VOLTAGE
(2Y)



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

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