

BALDOR® • RELIANCE

Product Information Packet

YPC344A

.5HP,1625RPM,1PH,60HZ,48YZ,1716C,TEAO,F1

Part Detail							
Revision:	X	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	1716C	Elec. Spec:	17WGW314	CD Diagram:	
Enclosure:	TEAO	Mfg Plant:		Mech. Spec:	17E188	Layout:	
Frame:	48YZ	Mounting:	F1	Poles:	04	Created Date:	
Base:	YP	Rotation:	RS	Insulation:	B	Eff. Date:	06-25-2012
Leads:	5#18	Literature:		Elec. Diagram:		Replaced By:	
Nameplate NP1203A03							
CAT.NO.	YPC344A		ENCL		TEAO		
SPEC.	17E188W314		FRAME		48YZ		
HP	.5						
VOLTS	115						
AMPS	5.6						
RPM	1625						
HZ	60	PH			1	CL	B
SER.F.	1.00	DES			N	CODE	E
FL EFF	68	PF					
RATING	40C AMB-CONT						
SF AMP				USABLE AT 208V			
SER.							
MANUAL	N	AUTO			Y	NONE	N

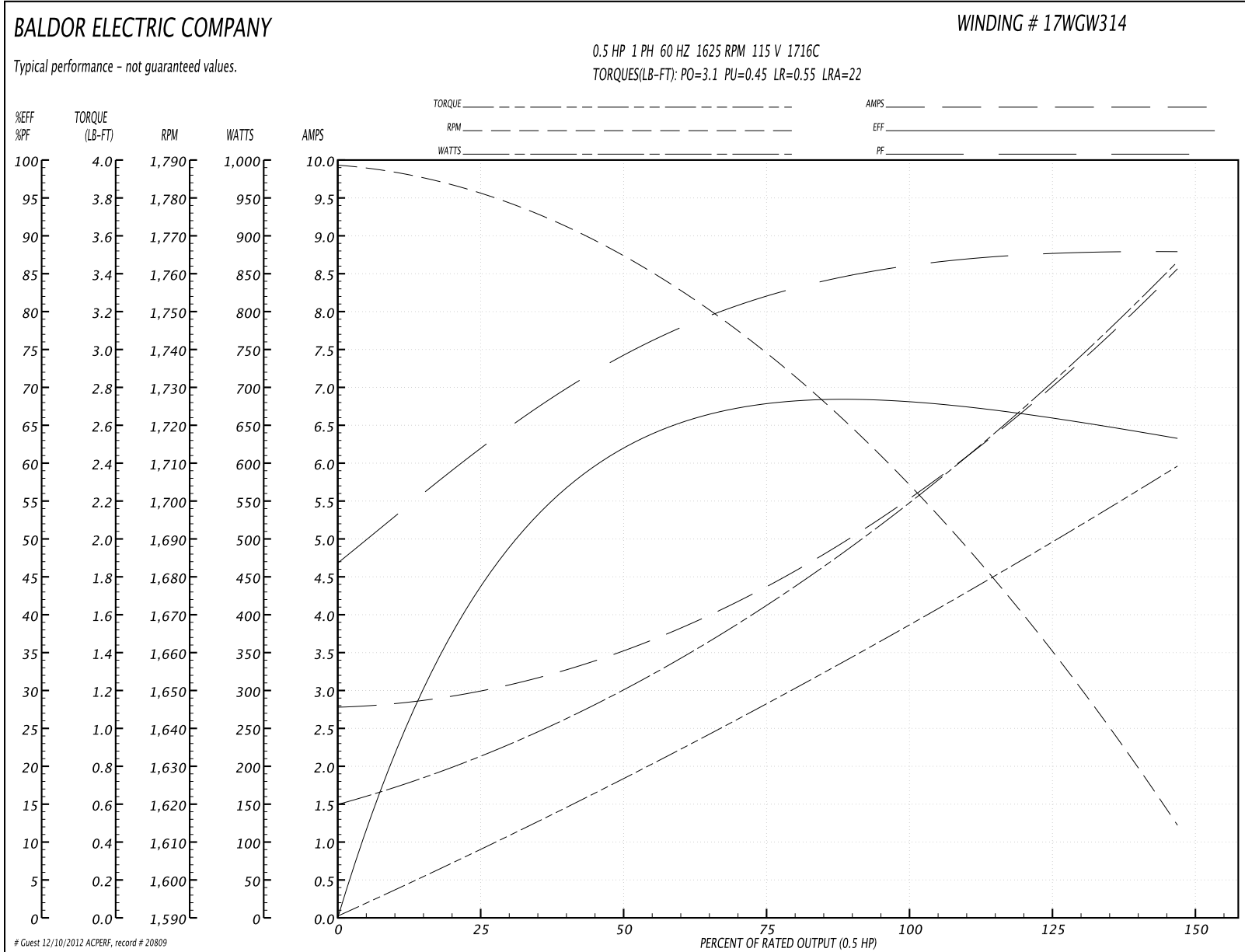
Parts List		
Part Number	Description	Quantity
SA072376	SA 17E188W314	1.000 EA
RA066157	RA 17E188W314	1.000 EA
OC3012F12SP	CYL OIL CAP 12MFD/370V	1.000 EA
TB0167A01	6 POS SHORT FOOT 300&500 SERIES (27-20,2	1.000 EA
WD1540A01	TERMINAL, 187 SERIES 500 SERIES MAG-MATE	2.000 EA
WD1540A04	TERMINAL, 187 SERIES 300 SERIES MAG-MATE	2.000 EA
11XT0832G06	8-32 X 3/8 TY 23 TAPPING	1.000 EA
WD4100A49	CAPLUG,BP-13/16,PLUG W/RECESSED HEAD	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HA1005A05SP	SLINGER, OD 1.50, ID .659, 203 BRG	1.000 EA
17EP3200CT07	FR ENDPLATE, MACH (ENCLOSED)	1.000 EA
33CB4800A02	CAPACITOR COVER, STAMPED	1.000 EA
35GS3001A02	GASKET, CA.COVER, 5.38 LONG .06 CS301	1.000 EA
34GS5003	FOAM SLEEVE, ID = 2 1/16" X 3 3/8"	1.000 EA
51XB1016A05	10-16X5/16HX WA SL SR TYB (F/S)	2.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
17EP3100C06	PU ENDPLATE, MACH (ENCLOSED)	1.000 EA
XY0832A02	8-32 HEX NUT	4.000 EA
34CB4501SP	TERMINAL BOX LID, STAMPED X (PLATED)	1.000 EA
34GS1005	GASKET, TERM PLATE LID	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000 EA
SP5126	MDL 17L TERM PANEL 3 PH W/TABS & 3/4 THE	1.000 EA
HA3169A23	THRUBOLT #8-32 THDS X 8.44 LONG	4.000 EA
LB1171	LABEL CARTON 6X6 ON LINE BLANK ROLLS	1.000 EA

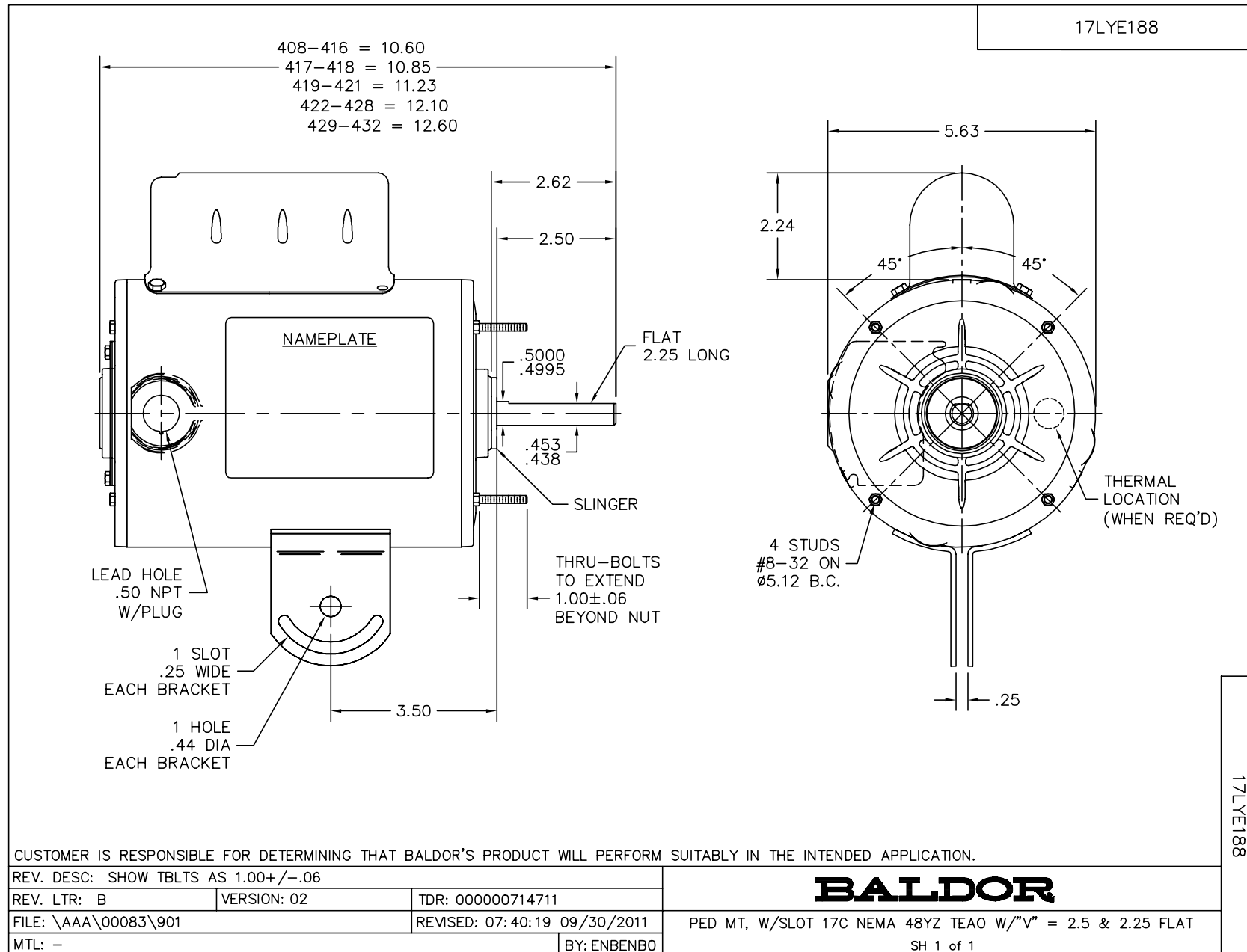
Parts List (continued)		
Part Number	Description	Quantity
NP1203A03	NP LABEL 1PH, SV, REV (FOR COMMERCIAL MO	1.000 EA
34PA1005	PACKING GROUP, BALDOR	1.000 EA
PK3082	STYROFOAM CRADLE	1.000 EA
LB5040	INSTRUCTION TAG, AC & DC	1.000 EA
LD5000A102	LEAD ASSY, 16 GA, RED, #8, W/FLAG TERMS	1.000 EA
LD53468	LEAD ASSY. MAG MATE	1.000 EA

Performance Data at 115V, 60Hz, 0.5HP (Typical performance - Not guaranteed values)

General Characteristics							
Full Load Torque:		1.6 LB-FT		Start Configuration:		DOL	
No-Load Current:		2.7 Amps		Break-Down Torque:		3.1 LB-FT	
Line-line Res. @ 25°C.:		1.74 Ohms A Ph / 18.3 Ohms B Ph		Pull-Up Torque:		0.45 LB-FT	
Temp. Rise @ Rated Load:				Locked-Rotor Torque:		0.55 LB-FT	
Temp. Rise @ S.F. Load:				Starting Current:		22.0 Amps	
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	65.0	77.0	85.0	89.0	91.0	92.0	0.0
Efficiency:	44.4	60.7	67.7	69.5	67.6	62.0	0.0
Speed:	1776.0	1757.0	1733.0	1703.0	1665.0	1607.0	0.0
Line Amperes:	3.1	3.7	4.6	5.6	7.0	8.7	0.0

Performance Graph at 115V, 60Hz, 0.5HP Typical performance - Not guaranteed values





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