

BALDOR® • RELIANCE

Product Information Packet

PSC3413A

.25HP,1625RPM,1PH,60HZ,48Z,3411C,TEAO,F1

Part Detail							
Revision:	K	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3411C	Elec. Spec:	34WGW427	CD Diagram:	CD0028
Enclosure:	TEAO	Mfg Plant:		Mech. Spec:	34G144	Layout:	34LYG144
Frame:	48Z	Mounting:	F1	Poles:	04	Created Date:	
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	08-24-2011
Leads:	7#18					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1257L									
CAT.NO.	PSC3413A								
SPEC.	34G144W427								
HP	.25 AIR OVER								
VOLTS	115/230								
AMP	2.6/1.3								
RPM	1625								
FRAME	48Z	HZ			60	PH	1		
SER.F.	1.00	CODE			C	DES	N	CL	B
NEMA-NOM-EFF	65.5	PF			93				
RATING	40C AMB-CONT								
CC		USABLE AT 208V							
DE	6203	ODE			6203				
ENCL	TEAO	SN							

Parts List		
Part Number	Description	Quantity
SA006248	SA 34G144W427	1.000 EA
RA002994	RA 34G144W427	1.000 EA
OC3015F12SP	CYL OIL CAP 15MFD/370V	1.000 EA
RM1001A01	GROMMET "MIDSTATES"	1.000 EA
WD4100A01	DP-875 HEYCO PLUG OR 62MP0875 MICRO PLAS	1.000 EA
11XT0832G06	8-32 X 3/8 TY 23 TAPPING	1.000 EA
34EP3204A01SP	FR ENDPLATE, MACH	1.000 EA
SP1000A01	TERM BOARD, MODEL 34 SW	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	3.000 EA
NS2501A01	INSULATOR, CAPACITOR	1.000 EA
51XB1016A05	10-16X5/16HX WA SL SR TYB (F/S)	2.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
34EP3102A02SP	FR/PU ENDPLATE, MACH	1.000 EA
XY1032A02	10-32 HEX NUT DIRECTIONAL SERRATION	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
MG1000G27	MED CHARCOAL METALLIC GREY	0.014 GA
10XF0440S02	04-40 X 1/8 TYPE F HEX HD STAINLESS STIC	2.000 EA
33CB4800A01	CAPACITOR COVER, STAMPED	1.000 EA
35GS3001A01	GASKET, CAPACITOR COVER	1.000 EA
HA3100A17	THRUBOLT 10-32 X 9.000	4.000 EA
LB1118	LABEL,WARNING (ROLL LABEL)	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
LC0008	CONNECTION LABEL	1.000 EA
NP1257L	ALUM UL CSA CC THERMAL REV MTG	1.000 EA
34PA1002	PACKING GROUP, BALDOR	1.000 EA
LB1506	LABEL "AMERICAN MADE" 1.50 X 1.00	1.000 EA

AC Induction Motor Performance Data

Record # 6978 - Typical performance - not guaranteed values

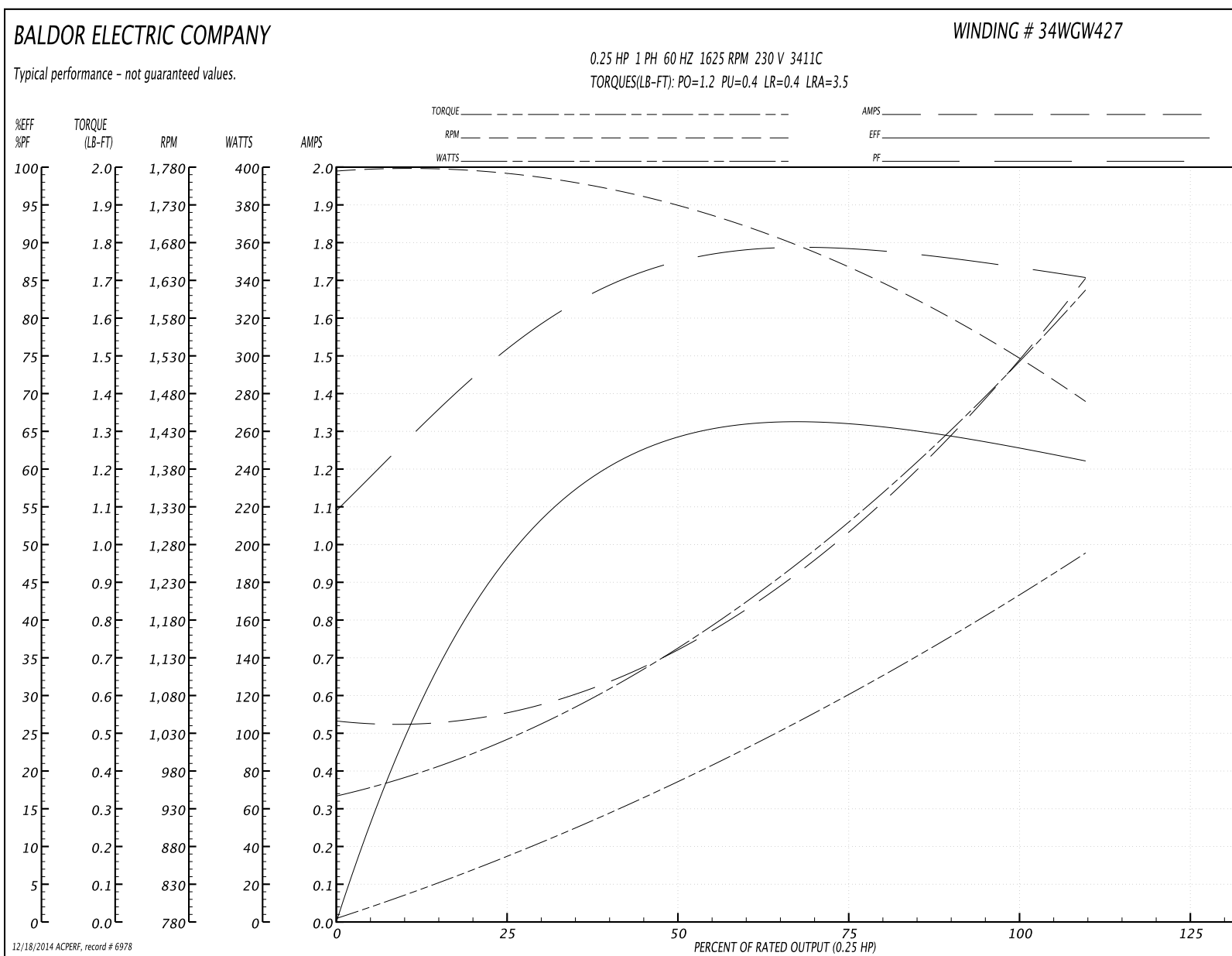
Winding: 34WGW427-R001	Type: 3411C	Enclosure: TEAO
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Nameplate Data				230 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	.25 AIR OVER			Full Load Torque	0.8 LB-FT
Volts	115/230			Start Configuration	direct on line
Full Load Amps	2.6/1.3			Breakdown Torque	1.2 LB-FT
R.P.M.	1625			Pull-up Torque	0.4 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	0.4 LB-FT
NEMA Design Code	N	KVA Code	C	Starting Current	3.5 A
Service Factor (S.F.)	1			No-load Current	0.5 A
NEMA Nom. Eff.	65.5	Power Factor	93	Line-line Res. @ 25°C	18.9 Ω A Ph 11.3 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	

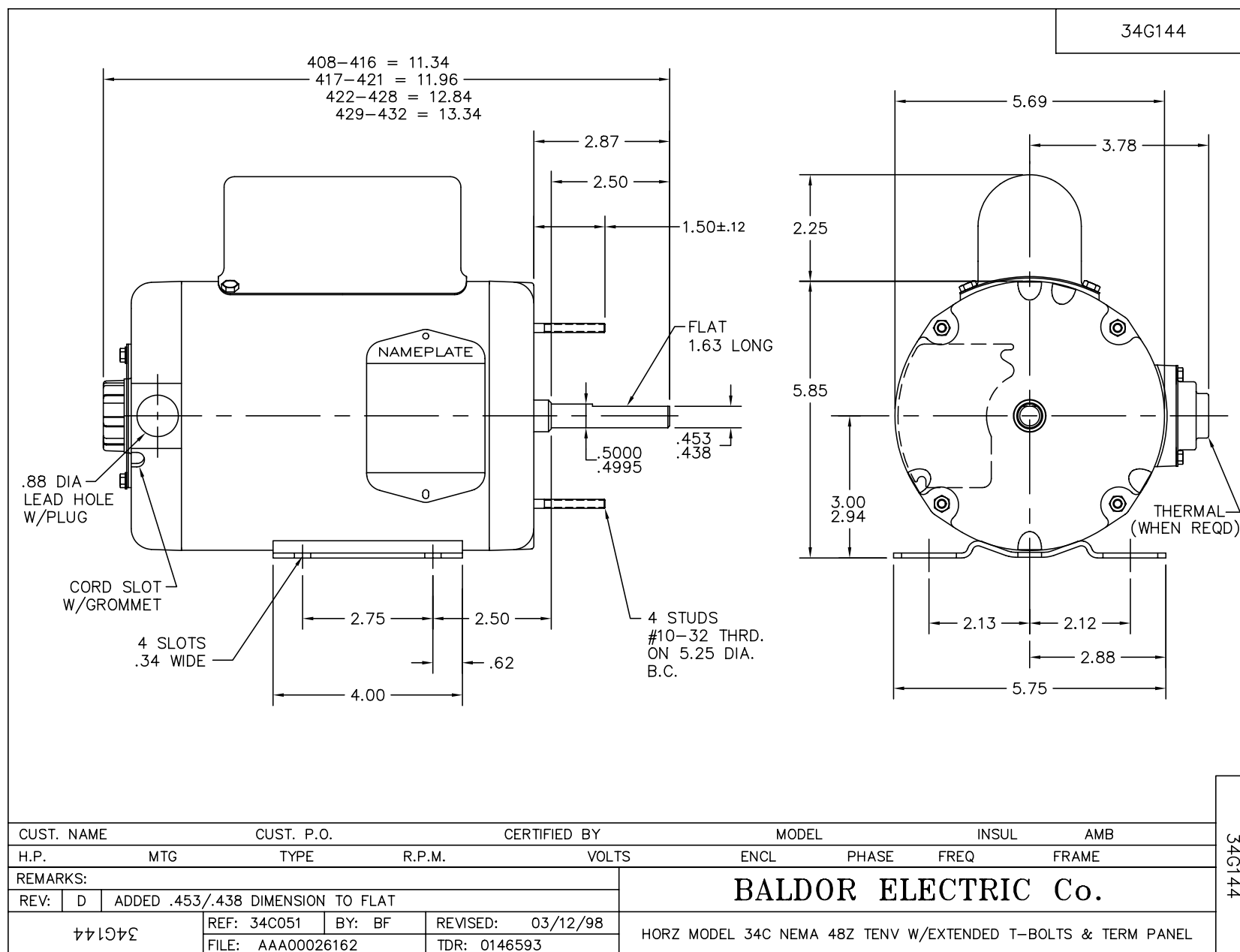
Load Characteristics 230 V, 60 Hz, 0.25 HP

% of Rated Load	25	50	75	100	125
Power Factor	73	84	90	93	95
Efficiency	45.4	62.4	68.4	67.6	58.4
Speed	1752	1711	1658	1582	1440
Line amperes	0.6	0.8	1	1.3	1.8

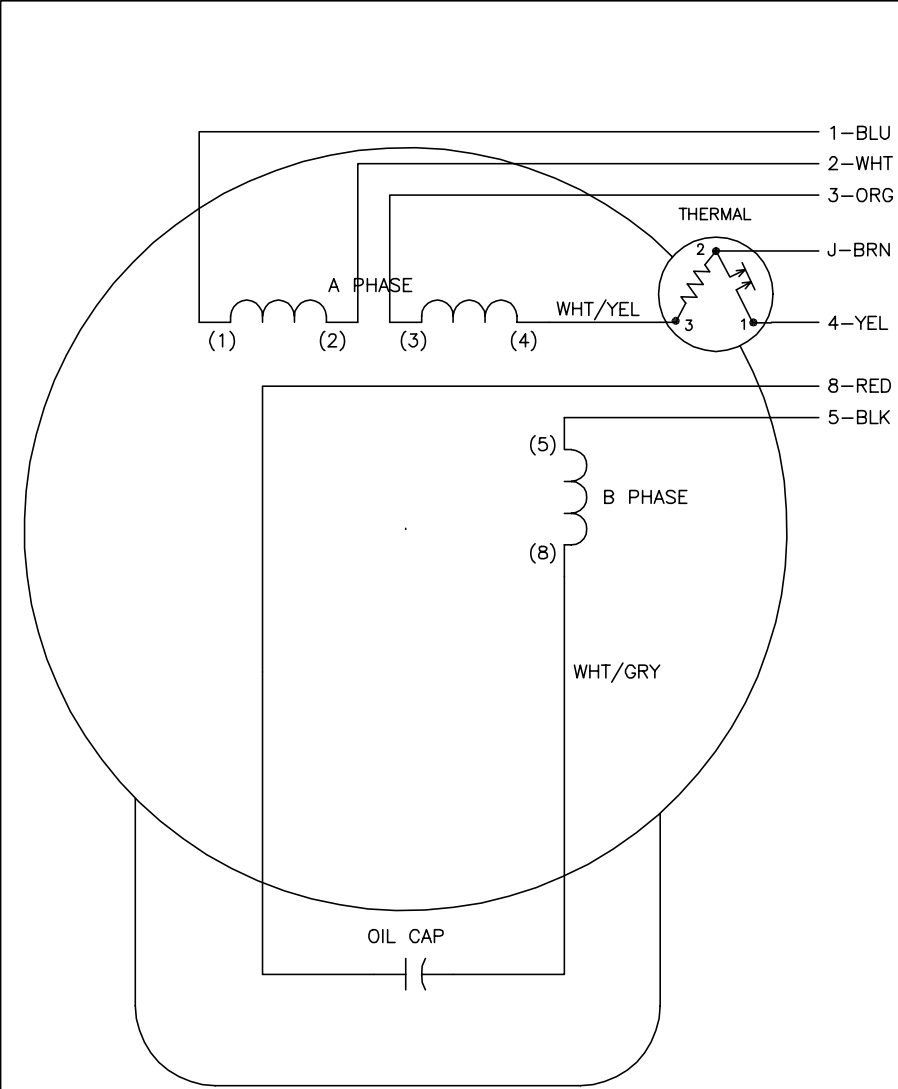
Performance Graph at 230V, 60Hz, 0.25HP Typical performance - Not guaranteed values



12/18/2014 ACPERF, record # 6978



CD0028



	LINE A	LINE B	JOIN	JOIN
HIGH STD	1	4	2,3,8	J,5
HIGH OPP	1	4	2,3,5	J,8
LOW STD	1,3,8	4	—	2,J,5
LOW OPP	1,3,5	4	—	2,J,8

- NOTES:
1. STANDARD ROTATION IS CCW FACING END OPPOSITE SHAFT EXTENSION.
 2. MULTIPLE CAPACITORS ARE CONNECTED IN PARALLEL UNLESS OTHERWISE SPECIFIED.
 3. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

REV. DESC: REMOVE OPTIONAL THERMAL CONNECTION		
REV. LTR: E	VERSION: 01	TDR: 000000373051
8Z00D0	FILE: \AAA\00007\413	REVISED: 15:17:57 09/07/2005
	MTL: —	BY: ENJOEPO

BALDOR ELECTRIC Co.

TYPE C, DV, REV, THERMAL, 7 LEADS

CD0028