

# **BALDOR**® • **RELIANCE**

## **Product Information Packet**

# **PSC3416A**

**.33HP, 1625RPM, 1PH, 60HZ, 48Z, 3414C, TEAO, F1**

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Part Detail									
Revision:	J	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3414C	Elec. Spec:	34WGW426	CD Diagram:			
Enclosure:	TEAO	Mfg Plant:		Mech. Spec:	34G144	Layout:			
Frame:	48Z	Mounting:	F1	Poles:	04	Created Date:			
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	04-01-2011		
Leads:	7#18	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP1257L									
CAT.NO.	PSC3416A								
SPEC.	34G144W426								
HP	.33 AIR OVER								
VOLTS	115/230								
AMP	3.6/1.8								
RPM	1625								
FRAME	48Z	HZ	60			PH	1		
SER.F.	1.00	CODE	-			DES	N	CL	B
NEMA-NOM-EFF	62	PF	95						
RATING	40C AMB-CONT								
CC				USABLE AT 208V					
DE	6203	ODE	6203						
ENCL	TEAO	SN							

Parts List		
Part Number	Description	Quantity
SA006247	SA 34G144W426	1.000 EA
RA002993	RA 34G144W426	1.000 EA
RM1001A01	GROMMET (MIDSTATES#541000)	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	PAINT- S9282E CHARCOAL GREY	0.014 GA
10XF0440S02	04-40 X 1/8 TYPE F HEX HD STAINLESS STIC	2.000 EA
OC3020F12SP	CYL OIL CAP 20MFD/370V	1.000 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

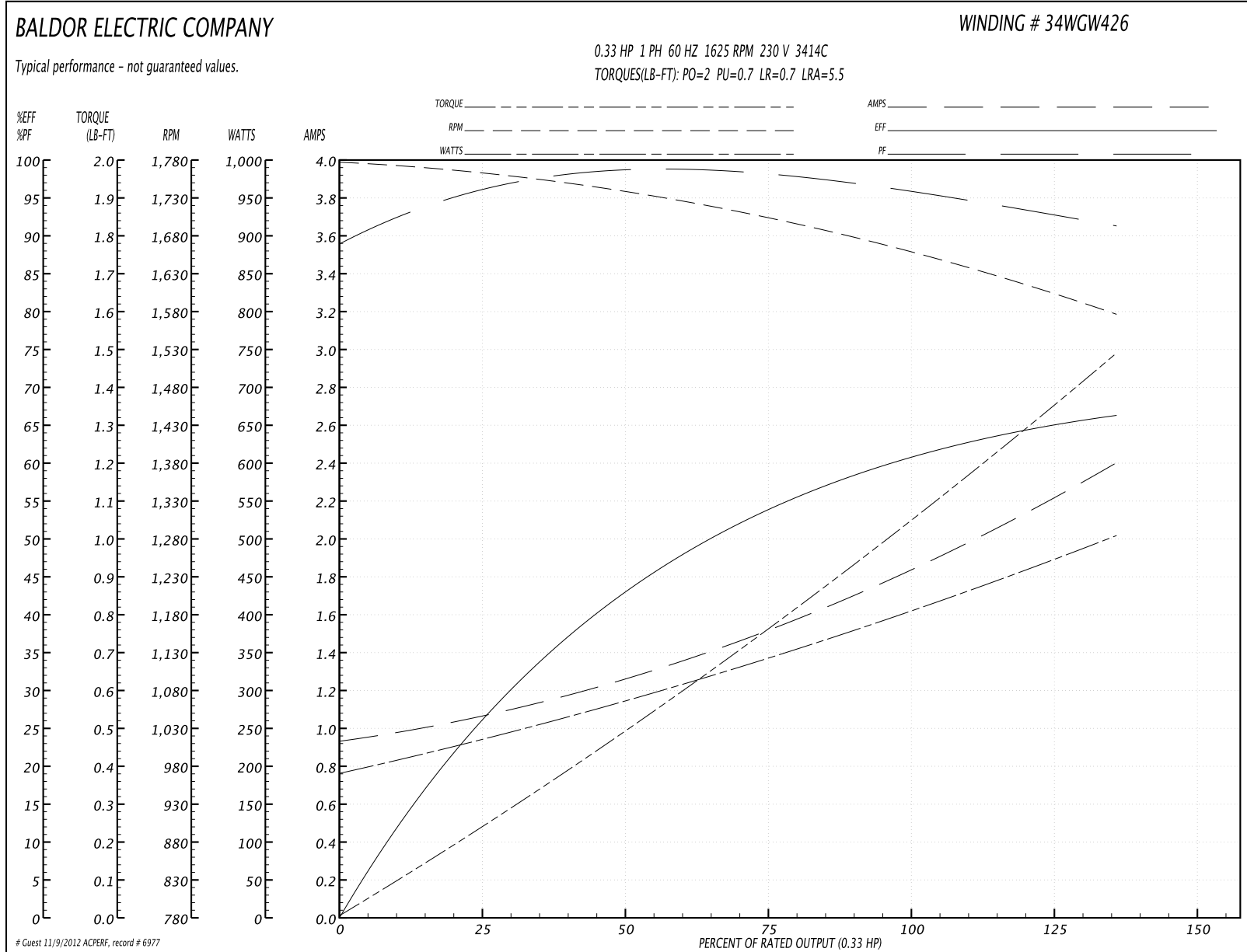
Parts List (continued)		
Part Number	Description	Quantity
LC0008	1PH,DV,7-LEAD,THERMAL,CONNECTION DIAGRAM	1.000 EA
NP1257L	ALUM UL CSA CC THERMAL REV MTG	1.000 EA
34PA1002	PACKING GROUP, BALDOR	1.000 EA

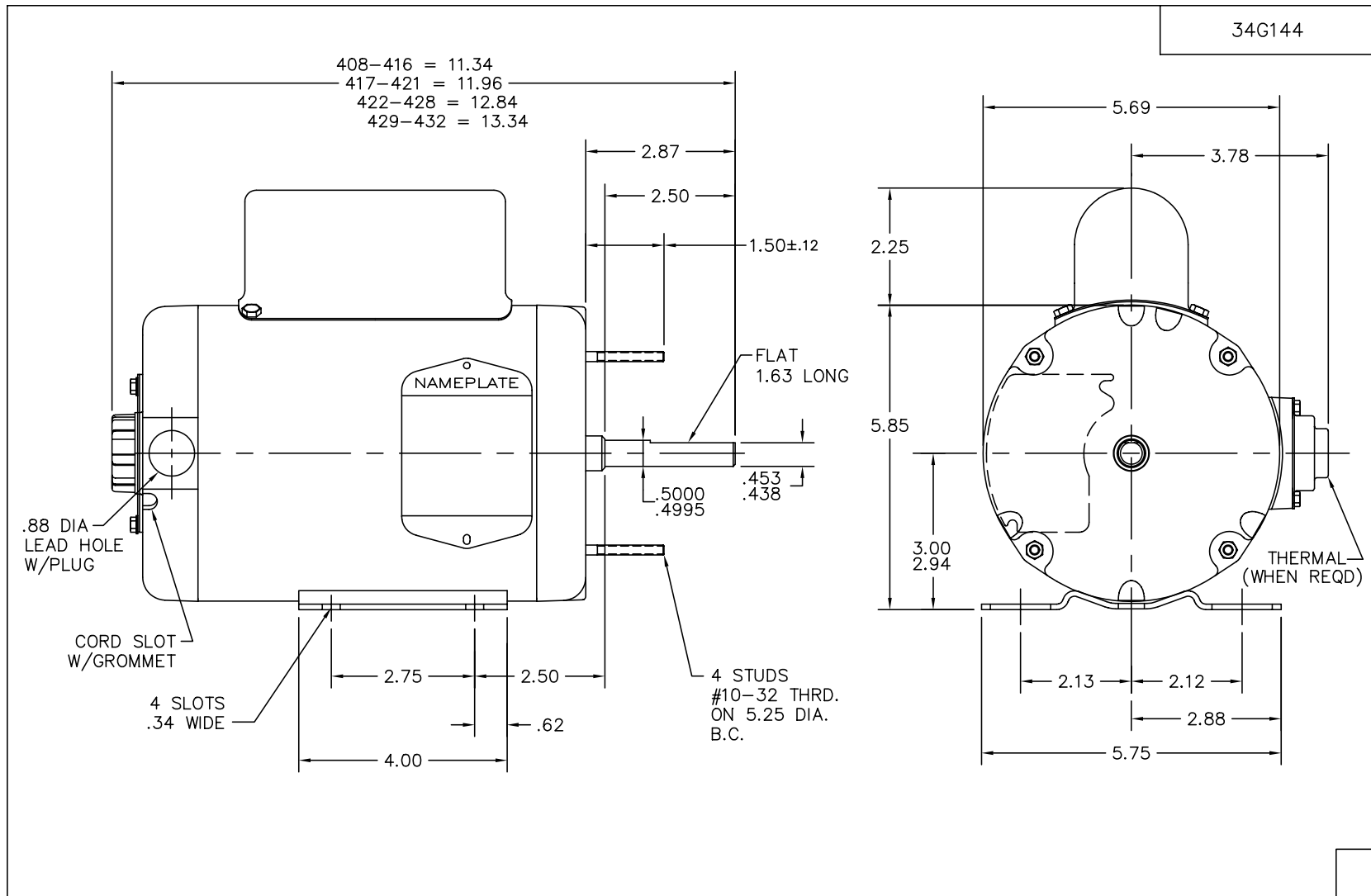
**Performance Data at 230V, 60Hz, 0.33HP (Typical performance - Not guaranteed values)**

General Characteristics			
Full Load Torque:	1.0 LB-FT	Start Configuration:	DOL
No-Load Current:	0.9 Amps	Break-Down Torque:	2.0 LB-FT
Line-line Res. @ 25°C.:	10.7 Ohms A Ph / 10.7 Ohms B Ph	Pull-Up Torque:	0.7 LB-FT
Temp. Rise @ Rated Load:		Locked-Rotor Torque:	0.7 LB-FT
Temp. Rise @ S.F. Load:		Starting Current:	5.5 Amps

Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	94.0	97.0	99.0	99.0	99.0	99.0	0.0
Efficiency:	25.8	42.5	53.6	60.7	64.7	65.6	0.0
Speed:	1759.0	1734.0	1705.0	1671.0	1628.0	1570.0	0.0
Line Amperes:	1.1	1.3	1.5	1.75	2.05	2.45	0.0

Performance Graph at 230V, 60Hz, 0.33HP Typical performance - Not guaranteed values

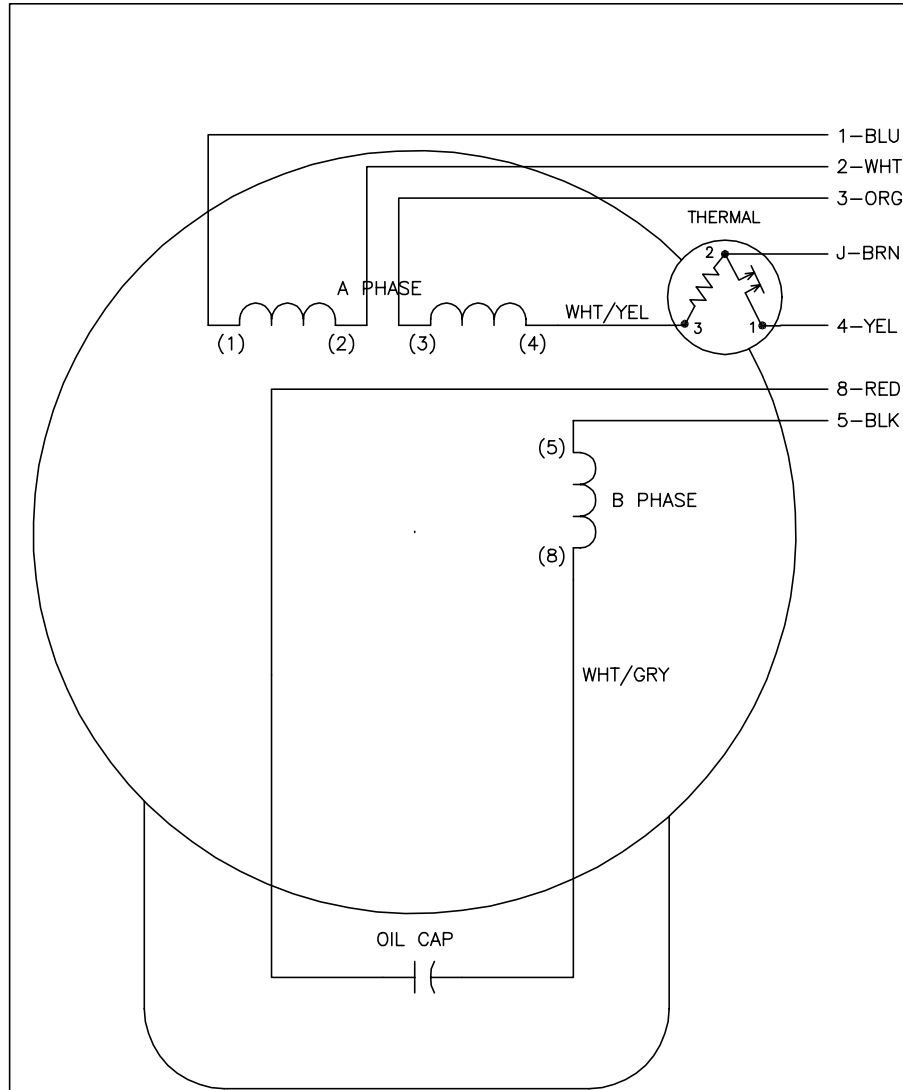




CUST. NAME		CUST. P.O.		CERTIFIED BY		MODEL		INSUL		AMB							
H.P.		MTG		TYPE		R.P.M.		VOLTS		ENCL		PHASE		FREQ		FRAME	
REMARKS:												<b>BALDOR ELECTRIC Co.</b>					
REV:	D	ADDED .453/.438 DIMENSION TO FLAT															
34G144		REF: 34C051	BY: BF	REVISED: 03/12/98	HORZ MODEL 34C NEMA 48Z TENV W/EXTENDED T-BOLTS & TERM PANEL												
		FILE: AAA00026162	TDR: 0146593														

34G144

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	
8Z0028	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