

BALDOR® • ***RELIANCE***

Product Information Packet

PSC3524A

.5HP,1625RPM,1PH,60HZ,48Z,3418C,TEAO,F1

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Part Detail									
Revision:	L	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3418C	Elec. Spec:	34WGW538	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:	04-04-2011		
Leads:	7#18	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP1257L									
CAT.NO.	PSC3524A								
SPEC.	34G144W538								
HP	.5 AIR OVER								
VOLTS	115/230								
AMP	6/3								
RPM	1625								
FRAME	48Z	HZ			60	PH	1		
SER.F.	1.00	CODE			-	DES	-	CL	B
NEMA-NOM-EFF	65	PF			81				
RATING	40C AMB-CONT								
CC				USABLE AT 208V					
DE	6203	ODE			6203				
ENCL	TEAO	SN							

Parts List		
Part Number	Description	Quantity
SA006249	SA 34G144W538	1.000 EA
RA002995	RA 34G144W538	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
34GS5003A01	FOAM SLEEVE, ID = 2 1/16" X 4 3/8"	1.000 EA
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.014 GA
10XF0440S02	04-40 X 1/8 TYPE F HEX HD STAINLESS STIC	2.000 EA
OC3012F12SP	CYL OIL CAP 12MFD/370V	1.000 EA
33CB4800A02	CAPACITOR COVER, STAMPED	1.000 EA
35GS3001A02	GASKET, CA.COVER, 5.38 LONG .06 CS301	1.000 EA
HA3100A19	THRUBOLT 10-32 X 9.625	4.000 EA
LB1118	LABEL,WARNING (ROLL LABEL)	1.000 EA

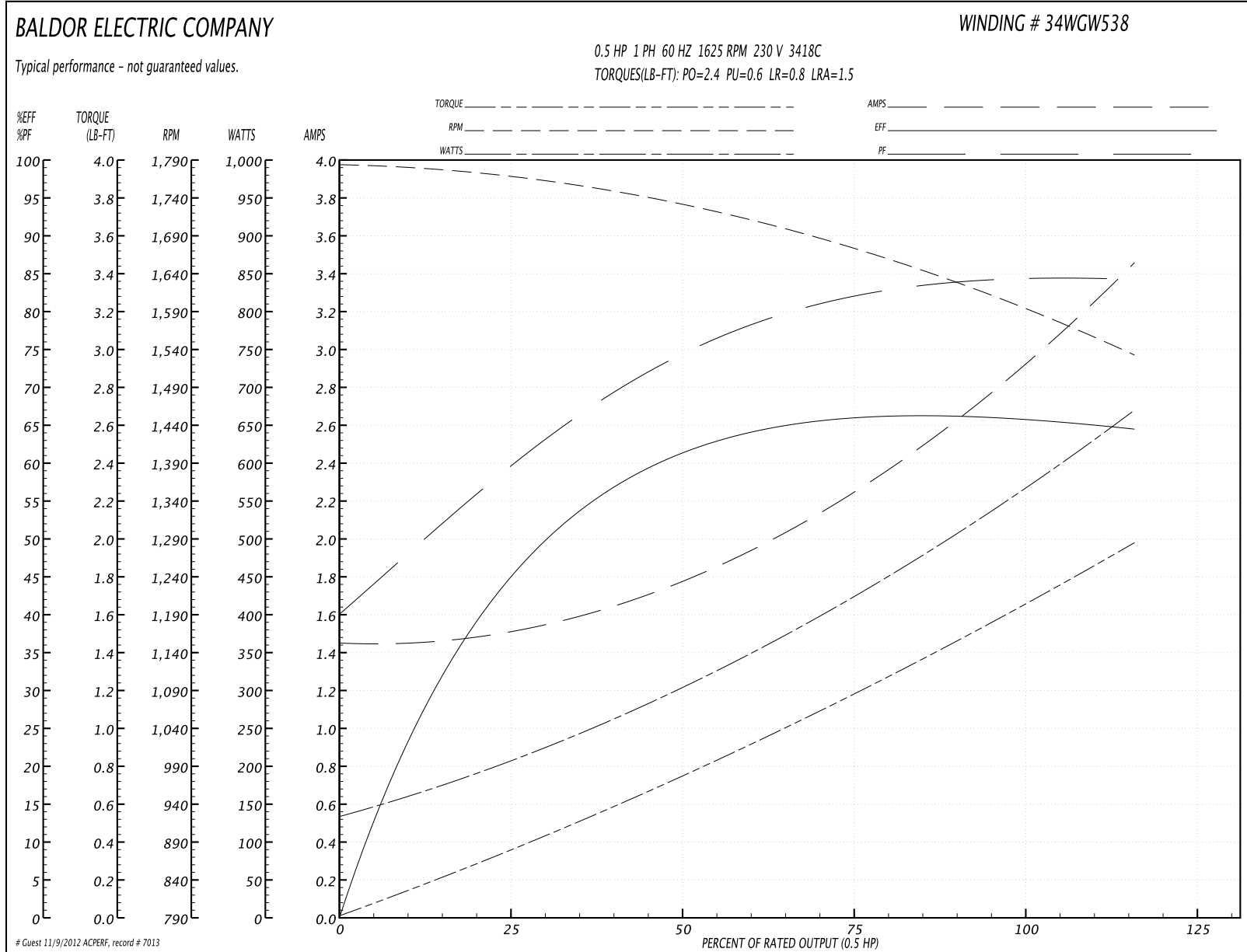
Parts List (continued)		
Part Number	Description	Quantity
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0008	1PH,DV,7-LEAD,THERMAL,CONNECTION DIAGRAM	1.000 EA
NP1257L	ALUM UL CSA CC THERMAL REV MTG	1.000 EA
34PA1002	PACKING GROUP, BALDOR	1.000 EA

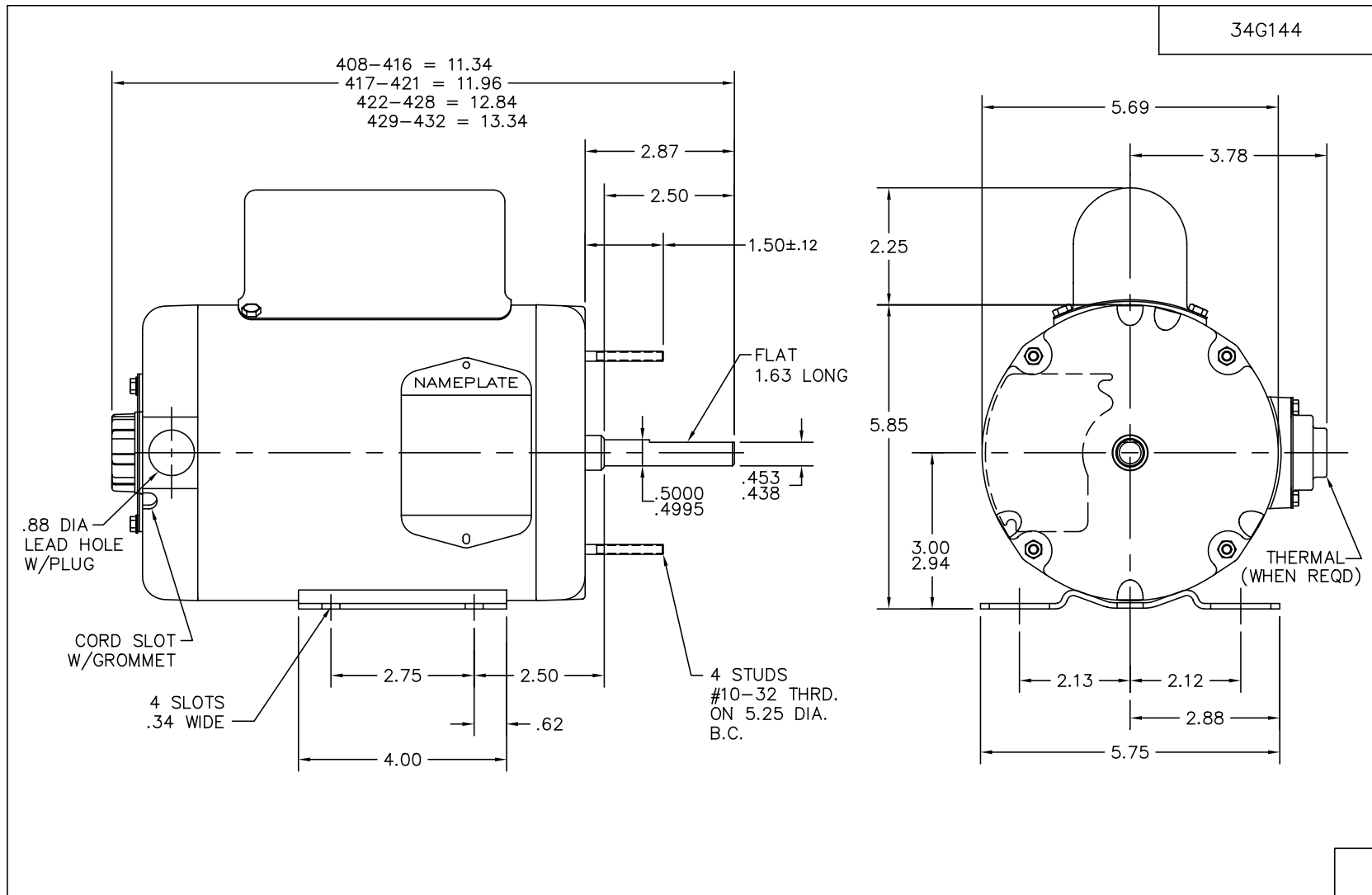
Performance Data at 230V, 60Hz, 0.5HP (Typical performance - Not guaranteed values)

General Characteristics			
Full Load Torque:	1.6 LB-FT	Start Configuration:	DOL
No-Load Current:	1.4 Amps	Break-Down Torque:	2.4 LB-FT
Line-line Res. @ 25°C.:	6.28 Ohms A Ph / 16.0 Ohms B Ph	Pull-Up Torque:	0.6 LB-FT
Temp. Rise @ Rated Load:		Locked-Rotor Torque:	0.8 LB-FT
Temp. Rise @ S.F. Load:		Starting Current:	1.5 Amps

Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	58.0	72.0	81.0	87.0	90.0	0.0	0.0
Efficiency:	44.3	60.9	67.2	67.9	63.3	0.0	0.0
Speed:	1758.0	1720.0	1675.0	1615.0	1521.0	0.0	0.0
Line Amperes:	1.6	1.85	2.25	2.75	3.55	0.0	0.0

Performance Graph at 230V, 60Hz, 0.5HP Typical performance - Not guaranteed values

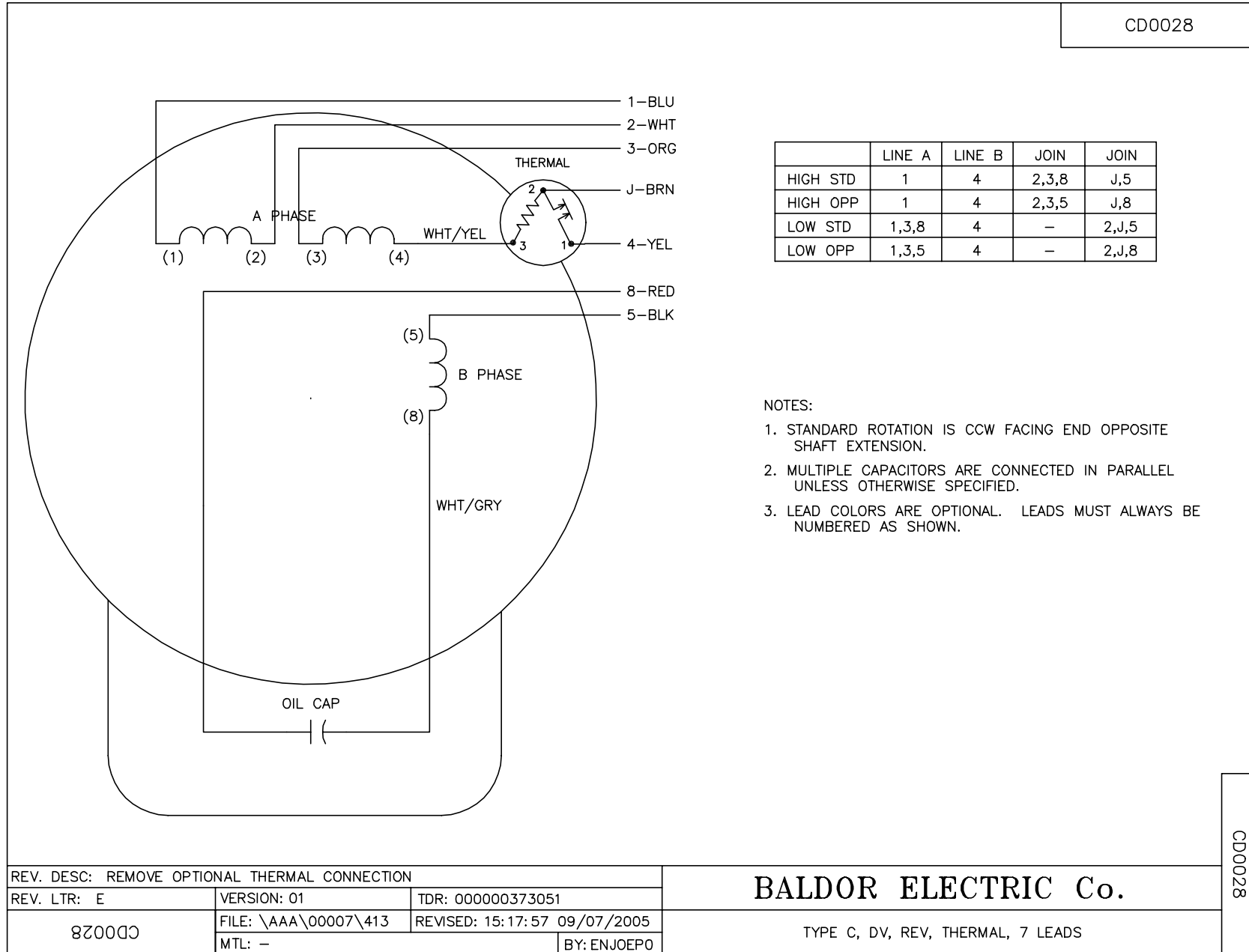




CUST. NAME		CUST. P.O.		CERTIFIED BY		MODEL		INSUL		AMB							
H.P.		MTG		TYPE		R.P.M.		VOLTS		ENCL		PHASE		FREQ		FRAME	
REMARKS:												BALDOR ELECTRIC Co.					
REV: D ADDED .453/.438 DIMENSION TO FLAT																	
44144		REF: 34C051		BY: BF		REVISED: 03/12/98		HORZ MODEL 34C NEMA 48Z TENV W/EXTENDED T-BOLTS & TERM PANEL									
		FILE: AAA00026162		TDR: 0146593													

34G144

CD0028



CD0028

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