

BALDOR® • ***RELIANCE***

Product Information Packet

CJL1313A

1.5HP,3450RPM,1PH,60HZ,56J,3432LC,OPEN

Part Detail							
Revision:	S	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3432LC	Elec. Spec:	34WGX598	CD Diagram:	CD0769
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	34F532	Layout:	34LYF532
Frame:	56J	Mounting:	F1	Poles:	02	Created Date:	
Base:	RG	Rotation:	FOS	Insulation:	B	Eff. Date:	01-19-2015
Leads:	4#16 A&J,1#18 B PH,1#14 #1TH					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1257L	
CAT.NO.	CJL1313A
SPEC.	34F532X598
HP	1.5
VOLTS	115/230
AMP	13/6.5
RPM	3450
FRAME	56J
SER.F.	1.30
NEMA-NOM-EFF	78.5
RATING	40C AMB-CONT
CC	
DE	6203
ENCL	OPEN
	SFA 17/8.5
	CODE H
	PF 95
	ODE 6203
	SN
	DES -
	CL B
	HZ 60
	PH 1
	USABLE AT 208V

AC Induction Motor Performance Data

Record # 7475 - Typical performance - not guaranteed values

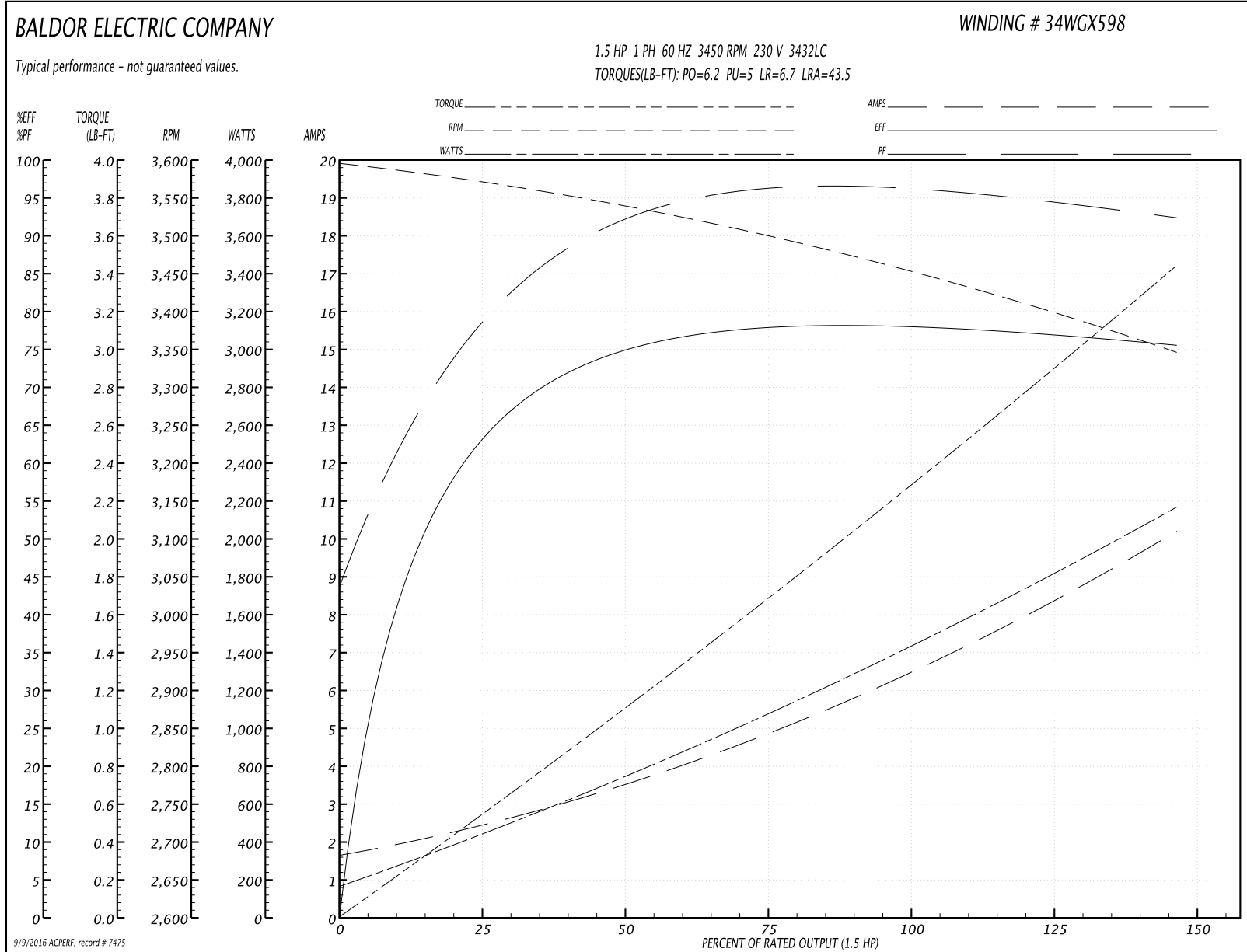
Winding: 34WGX598-R001	Type: 3432LC	Enclosure: OPEN
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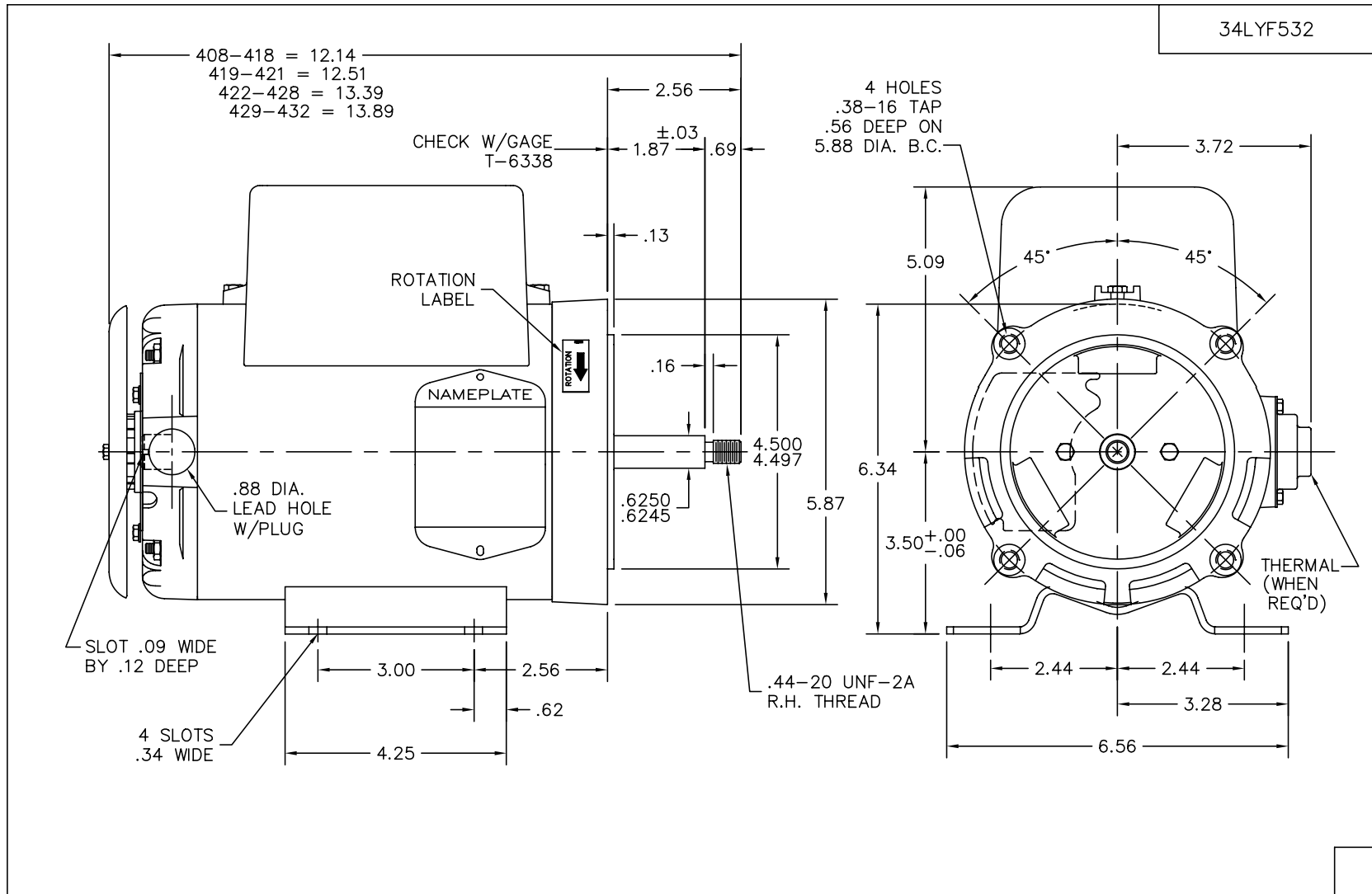
Nameplate Data				230 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	1.5			Full Load Torque	2.3 LB-FT
Volts	115/230			Start Configuration	direct on line
Full Load Amps	13/6.5			Breakdown Torque	6.2 LB-FT
R.P.M.	3450			Pull-up Torque	5 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	6.7 LB-FT
NEMA Design Code	-	KVA Code	H	Starting Current	43.5 A
Service Factor (S.F.)	1.3			No-load Current	1.65 A
NEMA Nom. Eff.	78.5	Power Factor	95	Line-line Res. @ 25°C	1.58 Ω A Ph 1.44 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	38°C
S.F. Amps	17/8.5			Temp. Rise @ S.F. Load	53°C

Load Characteristics 230 V, 60 Hz, 1.5 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	81	90	93	95	95	95	95
Efficiency	60.5	76.2	77.7	78.5	77.2	75.3	76.8
Speed	3566	3534	3498	3455	3403	3343	3391
Line amperes	2.45	3.65	5	6.5	8.25	10.25	8.65

Performance Graph at 230V, 60Hz, 1.5HP Typical performance - Not guaranteed values

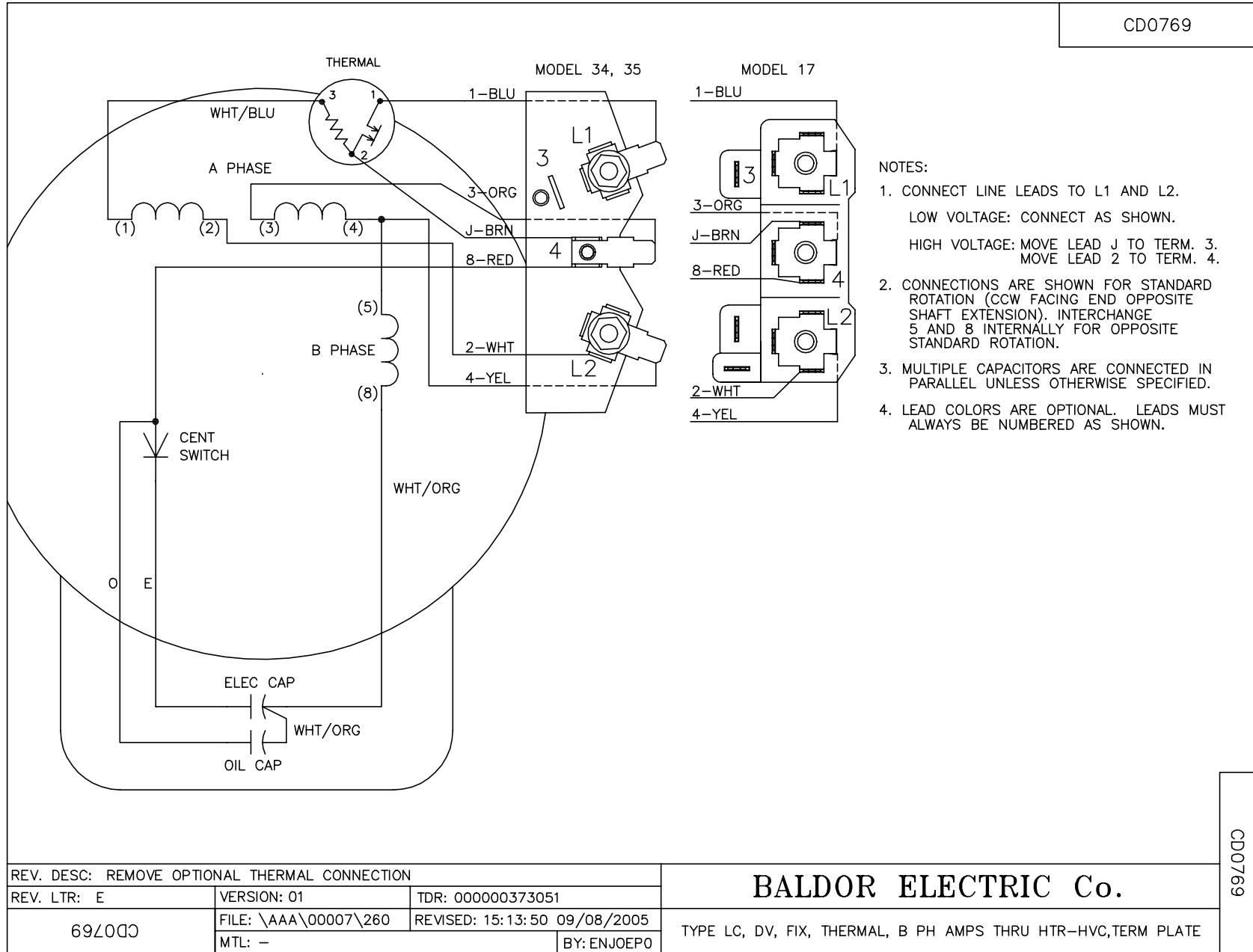




CUST. NAME		CUST. P.O.		CERTIFIED BY		MODEL		INSUL		AMB	
H.P.		MTG		TYPE		R.P.M.		VOLTS		ENCL	
PHASE		FREQ		FRAME							
REV. DESC: NEW											
REV. LTR: -		BY: WMB		REVISED: 01/05/99 11:18		TDR: 0170352		BALDOR ELECTRIC Co. STD HORZ 34LC NEMA 56J OPEN W/TERM PANEL & DRIP COVER			
34LYF532		FILE: AAA00061301		MDL: -							
		MTL: -									

34LYF532

CD0769



CD0769

REV. DESC: REMOVE OPTIONAL THERMAL CONNECTION		
REV. LTR: E	VERSION: 01	TDR: 000000373051
69Z000	FILE: \AAA\00007\260	REVISED: 15:13:50 09/08/2005
	MTL: -	BY: ENJOEPO

BALDOR ELECTRIC Co.

TYPE LC, DV, FIX, THERMAL, B PH AMPS THRU HTR-HVC, TERM PLATE