

BALDOR® • RELIANCE

Product Information Packet

RL1307A

.75HP,1725RPM,1PH,60HZ,56,3428L,OPEN,F1

Part Detail							
Revision:	D	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3428L	Elec. Spec:	34WGW169	CD Diagram:	CD0052
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	34G084	Layout:	34LYG084
Frame:	56	Mounting:	F1	Poles:	04	Created Date:	03-13-2013
Base:	RS	Rotation:	RS	Insulation:	B	Eff. Date:	02-11-2015
Leads:	6#18,1#14 #1TH					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1257L

CAT.NO.	RL1307A									
SPEC.	34G084W169G2									
HP	.75									
VOLTS	115/230									
AMP	10.2/5.1									
RPM	1725									
FRAME	56						HZ	60		
SER.F.	1.25						CODE	K		
NEMA-NOM-EFF	68						DES	N		
							CL	B		
RATING	40C AMB-CONT									
CC							USABLE AT 208V			
DE	6203						ODE	6203		
ENCL	OPEN						SN			
	SFA 11.4/5.7									

AC Induction Motor Performance Data

Record # 6904 - Typical performance - not guaranteed values

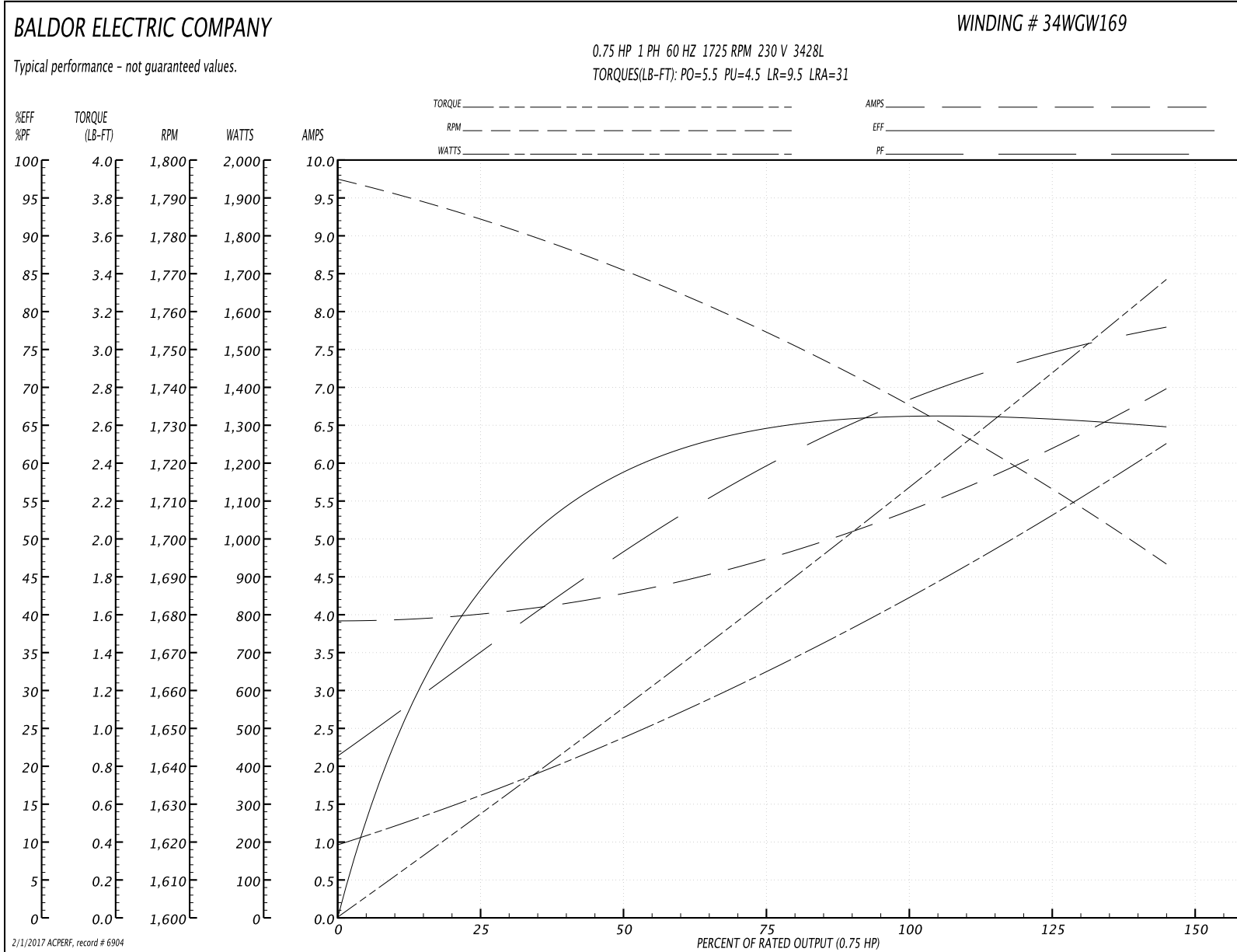
Winding: 34WGW169-R001	Type: 3428L	Enclosure: OPEN
-------------------------------	--------------------	------------------------

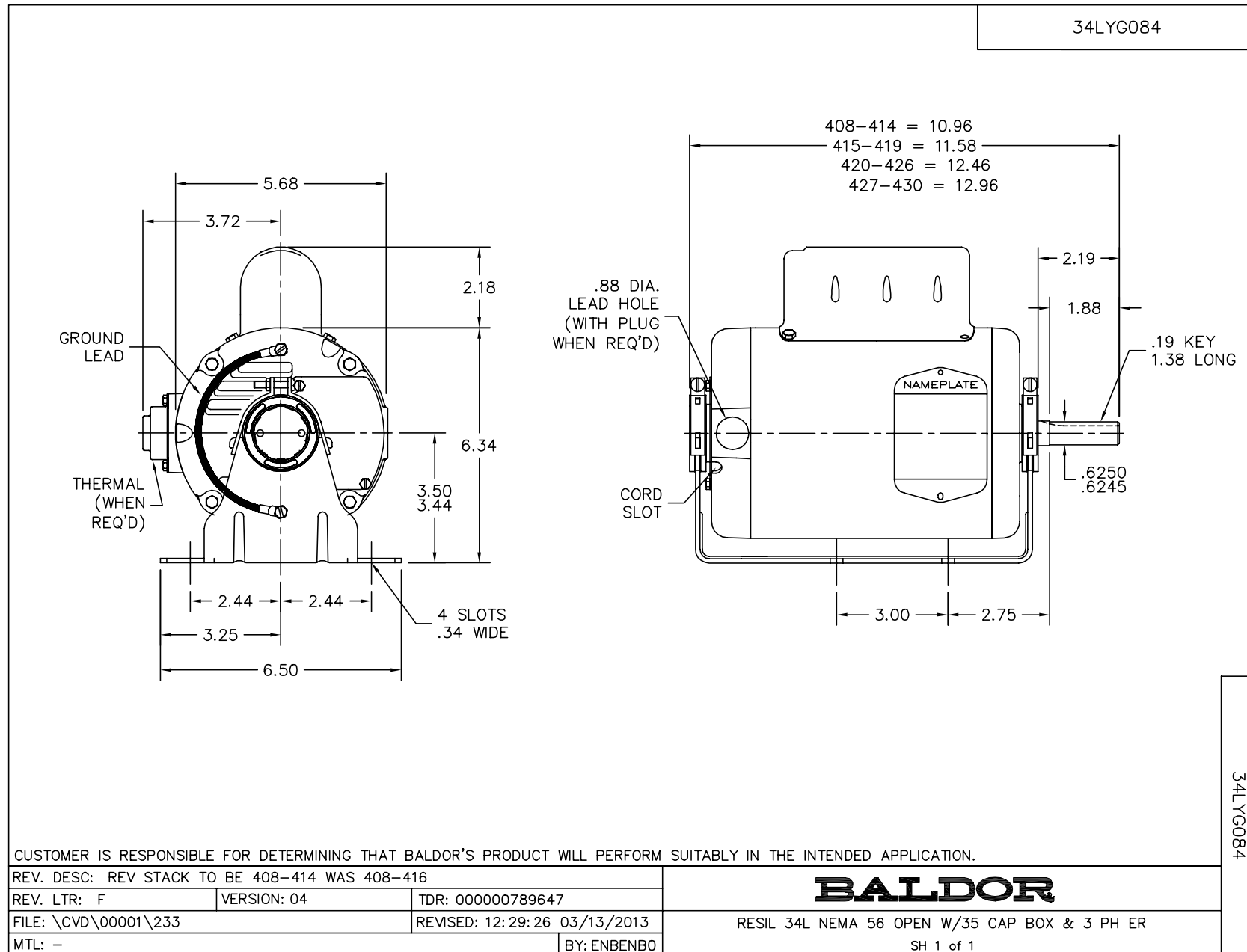
Nameplate Data				230 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	.75			Full Load Torque	2.25 LB-FT
Volts	115/230			Start Configuration	direct on line
Full Load Amps	10.2/5.1			Breakdown Torque	5.5 LB-FT
R.P.M.	1725			Pull-up Torque	4.5 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	9.5 LB-FT
NEMA Design Code	N	KVA Code	K	Starting Current	31 A
Service Factor (S.F.)	1.25			No-load Current	3.9 A
NEMA Nom. Eff.	68	Power Factor	68	Line-line Res. @ 25°C	3.1 Ω A Ph 1.64 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	74°C
S.F. Amps	11.4/5.7			Temp. Rise @ S.F. Load	90°C

Load Characteristics 230 V, 60 Hz, 0.75 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	35	49	63	70	76	80	76
Efficiency	45.4	59.1	62.7	66.7	66.8	64.4	66.8
Speed	1783	1770	1754	1737	1717	1692	1717
Line amperes	4.05	4.25	4.8	5.3	6.1	7	6.1

Performance Graph at 230V, 60Hz, 0.75HP Typical performance - Not guaranteed values





CD0052

