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Product Information Packet

CL3507

.75HP,1725RPM,1PH,60HZ,56C,3428LC,TEFC

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Part Detail							
Revision:	Y	**Status:**	PRD/A	**Change #:**		**Proprietary:**	No
Type:	AC	**Prod. Type:**	3428LC	**Elec. Spec:**	34WGY094	**CD Diagram:**	CD0055
Enclosure:	TEFC	**Mfg Plant:**		**Mech. Spec:**	34G451	**Layout:**	34LYG451
Frame:	56C	**Mounting:**	F1	**Poles:**	04	**Created Date:**	
Base:	RG	**Rotation:**	R	**Insulation:**	F	**Eff. Date:**	08-26-2015
Leads:	6#18					**Replaced By:**	
Literature:		**Elec. Diagram:**					

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Nameplate NP1256L

CAT.NO.	CL3507							
SPEC.	34G451Y094							
HP	.75							
VOLTS	115/230							
AMP	8.4/4.2							
RPM	1725							
FRAME	56C		**HZ**	60			**PH**	1
SER.F.	1.25	**CODE**	J	**DES**	N		**CLASS**	F
NEMA-NOM-EFF	72	**PF**	78					
RATING	40C AMB-CONT							
CC						**USABLE AT 208V**	5.4	
DE	6203			**ODE**	6203			
ENCL	TEFC	**SN**						
	SFA 10/5							

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Parts List

Part Number	Description	Quantity
SA079725	SA 34G451Y094	1.000 EA
RA073150	RA 34G451Y094	1.000 EA
OC3020F12	CYL OIL CAP 20MFD/370V	1.000 EA
EC1270A02SP	ELEC CAP, 270-324 MFD, 125V, 1.48D X 3.	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
34CB3002A	CB CAST W/.88 DIA HOLE	1.000 EA
34GS1029A01	GASKET, CONDUIT BOX	1.000 EA
51XB1016A07	10-16 X 7/16 HXWSSLD SERTYB	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000 EA
34EP3102A01SP	FR ENDPLATE, MACH	1.000 EA
34CB3801	CAPACITOR BOX, DIE CAST	1.000 EA
34GS3002	GASKET, CAPACITOR BOX	1.000 EA
51XB1214A08	12-14 X 1/2HX WS SL SR TYBX	2.000 EA
HW5100A03	WAVY WASHER (W1543-017)	1.000 EA
34EP3300A24SP	PU ENDPLATE, MACH	1.000 EA
51XN1032A20	10-32 X 1 1/4 HX WS SL SR	2.000 EA
34FN3002A01SP	EXTERNAL FAN, PLASTIC, .637/.639 HUB W/	1.000 EA
34FH4002A01	IEC FH NO GREASER PRIMED	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 EA
34CB4517	CB LID 4 MTG HOLES .22 DIA STAMPED, FOR	1.000 EA
34GS1031A01	GASKET, FLAT CONDUIT BOX LID (LEXIDE)	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HW2501D13	KEY, 3/16 SQ X 1.375	1.000 EA

Parts List (continued)

Part Number	Description	Quantity
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000 EA
34GS5003A01	FOAM SLEEVE, ID = 2 1/16" X 4 3/8"	1.000 EA
MG1000G27	MED CHARCOAL METALLIC GREY 400-0096	0.014 GA
10XF0440S02	04-40 X 1/8 TYPE F HEX HD STAINLESS STIC	2.000 EA
SP5051B17	MDL 34 TORQ STAT SW,TYPE LC, STD F1 & F2	1.000 EA
HA3100A37	THRUBOLT 10-32 X 8.500	4.000 EA
LC0001A01	CONN LABEL / WARNING LABEL (LC0001 / LB1	1.000 EA
NP1256L	ALUM UL CSA CC	1.000 EA
35PA1000	PKG GRP, PRINT PK1008A06	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 11/14	1.000 EA

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AC Induction Motor Performance Data

Record # 7788 - Typical performance - not guaranteed values

Winding: 34WGY094-R001	**Type:** 3428LC	**Enclosure:** TEFC

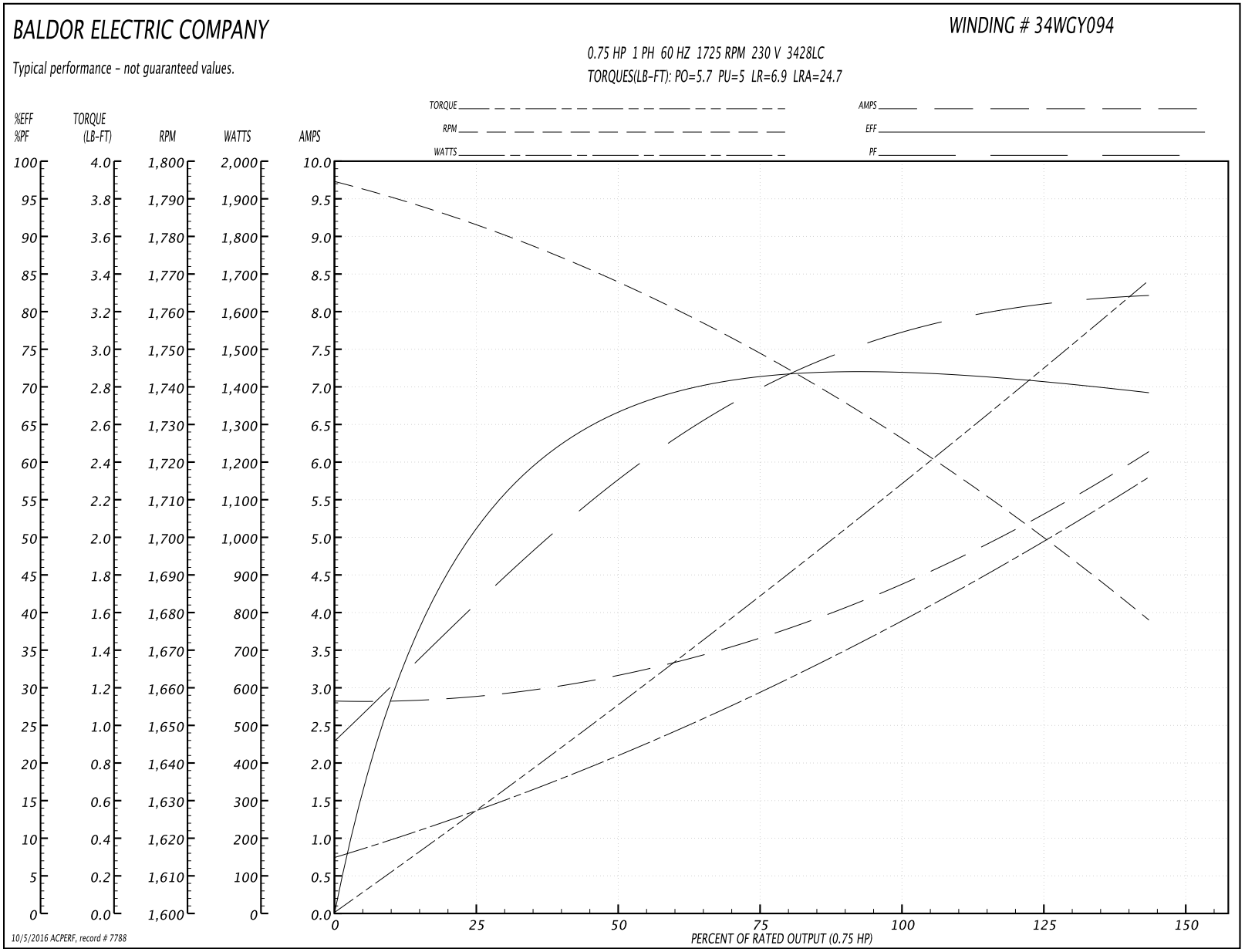
Nameplate Data				230 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	.75			Full Load Torque	2.25 LB-FT
Volts	115/230			Start Configuration	direct on line
Full Load Amps	8.4/4.2			Breakdown Torque	5.7 LB-FT
R.P.M.	1725			Pull-up Torque	5 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	6.9 LB-FT
NEMA Design Code	N	KVA Code	J	Starting Current	24.7 A
Service Factor (S.F.)	1.25			No-load Current	2.8 A
NEMA Nom. Eff.	72	Power Factor	78	Line-line Res. @ 25ºC	3.22 Ω A Ph 1.76 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	71°C
S.F. Amps	10/5			Temp. Rise @ S.F. Load	89°C

Load Characteristics 230 V, 60 Hz, 0.75 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	43	57	70	78	82	86	82
Efficiency	50.2	66.1	71.1	72.3	72	68.6	72
Speed	1780	1766	1749	1729	1707	1675	1707
Line amperes	2.9	3.2	3.7	4.3	5.1	6.2	5.1

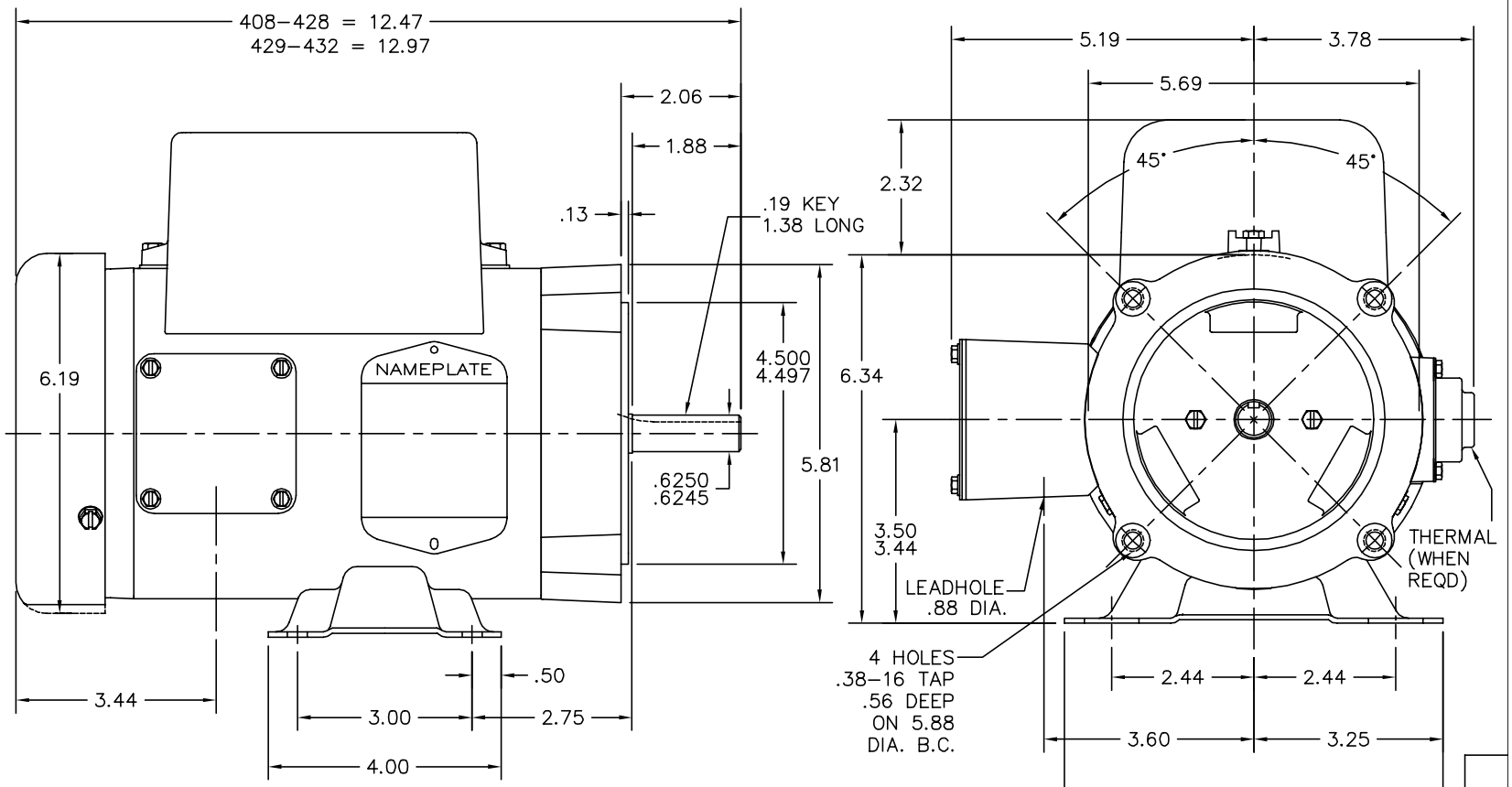
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Performance Graph at 230V, 60Hz, 0.75HP Typical performance - Not guaranteed values



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34LYG451



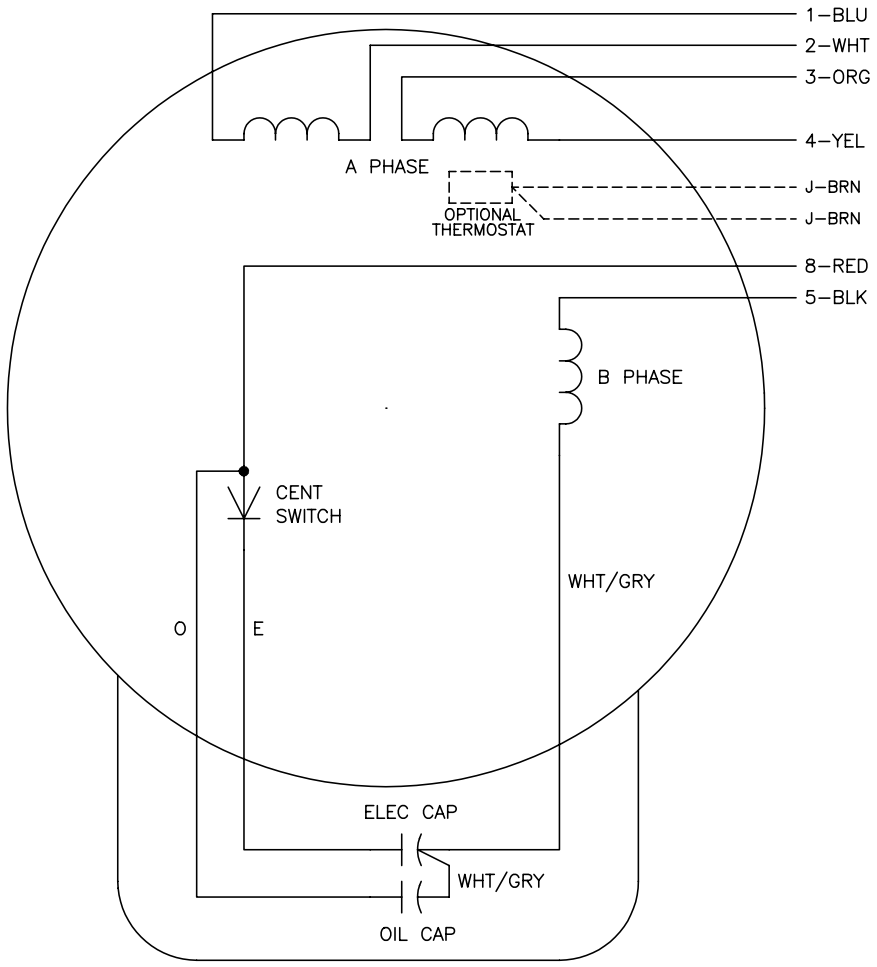
34LYG451

CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT BALDOR'S PRODUCT WILL PERFORM SUITABLY IN THE INTENDED APPLICATION.

REV. DESC: CHANGE DES TO "SPL HORZ 34LC 56C TEFC"			BALDOR
REV. LTR: E	VERSION: 05	TDR: 000000795399	
FILE: \CVD\00001\438		REVISED: 07:26:27 04/17/2013	SPL HORZ 34LC 56C TEFC
MTL: –		BY: ENTROE0	SH 1 of 1

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CD0055



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

NOTES:

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

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			
REV. LTR: D	BY: JLP	REVISED: 04/08/99 1:17	TDR: 0178636
CD0055		FILE: AAA00007414	MDL: –
		MTL: –	

BALDOR ELECTRIC Co.

TYPE LC, DV, REV, 6 LEADS

CD0055

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