



Product Information Packet

RL1306A

.75HP,3450RPM,1PH,60HZ,56,3420L,OPEN,F1

Part Detail							
Revision:	Y	Status:	INA/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	34WG0192	CD Diagram:	CD0052	Mfg Plant:	
Mech. Spec:	34K018	Layout:	34LYK018	Poles:	02	Created Date:	
Base:	RS	Eff. Date:	03-07-2017	Leads:	6#18,1#14 #1TH		

Specs			
Catalog Number:	RL1306A	Insulation Class:	B
Enclosure:	OPEN	Inverter Code:	Not Inverter
Frame:	56	KVA Code:	J
Frame Material:	Steel	Lifting Lugs:	No Lifting Lugs
Output @ Frequency:	.750 HP @ 60 HZ	Locked Bearing Indicator:	No Locked Bearing
Synchronous Speed @ Frequency:	3600 RPM @ 60 HZ	Motor Lead Quantity/Wire Size:	6 @ 18 AWG
Voltage @ Frequency:	230.0 V @ 60 HZ	Motor Lead Exit:	Terminal Panel
	115.0 V @ 60 HZ	Motor Lead Termination:	Flying Leads
XP Class and Group:	None	Motor Type:	3420L
XP Division:	Not Applicable	Mounting Arrangement:	F1
Agency Approvals:	CSA	Power Factor:	68
	UR	Product Family:	General Purpose
Auxiliary Box:	No Auxiliary Box	Pulley End Bearing Type:	Ball
Auxiliary Box Lead Termination:	None	Pulley Face Code:	Resilient Mount
Base Indicator:	Resilient	Pulley Shaft Indicator:	Standard
Bearing Grease Type:	Polyrex EM (-20F +300F)	Rodent Screen:	None
Blower:	None	Shaft Extension Location:	Pulley End
Current @ Voltage:	11.000 A @ 115.0 V	Shaft Ground Indicator:	No Shaft Grounding

	5.500 A @ 230.0 V	Shaft Rotation:	Reversible: Connected Standard
	5.600 A @ 208.0 V	Shaft Slinger Indicator:	No Slinger
Design Code:	N	Speed Code:	Single Speed
Drip Cover:	No Drip Cover	Motor Standards:	NEMA
Duty Rating:	CONT	Starting Method:	Direct on line
Electrically Isolated Bearing:	Not Electrically Isolated	Thermal Device - Bearing:	None
Feedback Device:	NO FEEDBACK	Thermal Device - Winding:	None
Front Face Code:	Resilient Mount	Vibration Sensor Indicator:	No Vibration Sensor
Front Shaft Indicator:	None	Winding Thermal 1:	Automatic Thermal Overload
Heater Indicator:	No Heater	Winding Thermal 1 Location:	SB
		Winding Thermal 2:	None

Nameplate NP1257L

CAT.NO.	RL1306A									
SPEC.	34K18-192									
HP	.75									
VOLTS	115/230									
AMP	11/5.5									
RPM	3450									
FRAME	56						HZ	60		
SER.F.	1.25				CODE	J		DES	N	
NEMA-NOM-EFF	71				PF	68		CL	B	
RATING	40C AMB-CONT									
CC								USABLE AT 208V	5.6	
DE	6203				ODE	6203				
ENCL	OPEN				SN					
	SFA 12/6									

Parts List		
Part Number	Description	Quantity
SA008103	SA 34K18-192	1.000 EA
RA004550	RA 34K18-192	1.000 EA
EC1130A02SP	ELEC CAP, 130-156 MFD, 125V, 1.48D X 3.3	1.000 EA
34CB4501SP	TERMINAL BOX LID, STAMPED X (PLATED)	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000 EA
11XW0832G06	8-32 X 3/8 TY 23 TAPPING	1.000 EA
LD5000A52	LEAD ASSY W/INTERNAL STAR RING TERMINALS	1.000 EA
11XT1032A06	10-32 X 3/8 HX WSHR HD SLTD TYPE 23	2.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	3.000 EA
34EP3202A01	FR ENDPLATE, MACH	1.000 EA
RM1000A03	CUSHION RING, MDL 17-33-34	1.000 EA
HA6004A01A	CLAMP CUSHION RING ASSY	1.000 EA
WD4100A01	DP-875 HEYCO PLUG OR 62MP0875 MICRO PLAS	1.000 EA
RM1000A03	CUSHION RING, MDL 17-33-34	1.000 EA
HA6004A01A	CLAMP CUSHION RING ASSY	1.000 EA
NS2500A01	INSULATOR, AUTO THER PROT	1.000 EA
34CB4800SP	CAPACITOR COVER, STAMPED PRIMED	1.000 EA
51XB1016A05	10-16X5/16HX WA SL SR TYB (F/S)	2.000 EA
WD1000A16	2-520128-2 AMP FLAG TERM (4M/RL) 22-18	6.000 EA
HW5100A03	WAVY WASHER (W1543-017)	1.000 EA
34EP3203A01	PU ENDPLATE, MACH	1.000 EA
XY1032A02	10-32 HEX NUT DIRECTIONAL SERRATION	4.000 EA
HW2501D13	KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
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
SP5068A01	34L TERM PANEL STAT SWITCH #E-6"	1.000 EA
HA3100A44	THRUBOLT 10-32 X 8.000	4.000 EA
34BA4003J01	RESILIENT BASE, MODEL 34 NEMA 56	1.000 EA
LB1118	LABEL,WARNING (ROLL LABEL)	1.000 EA
LC0052	CONNECTION LABEL	1.000 EA
NP1257L	ALUM UL CSA CC THERMAL REV MTG	1.000 EA
35PA1066	PKG GRP, PRINT PK1001A01	1.000 EA

AC Induction Motor Performance Data

Record # 6555

Typical performance - not guaranteed values

Winding: 34WG0192-R001			Type: 3420L		Enclosure: OPEN			
Nameplate Data			230 V, 60 Hz: High Voltage Connection					
Rated Output (HP)		.75	Full Load Torque		1.2 LB-FT			
Volts		115/230	Start Configuration		direct on line			
Full Load Amps		11/5.5	Breakdown Torque		2.88 LB-FT			
R.P.M.		3450	Pull-up Torque		2.25 LB-FT			
Hz	60	Phase	1	Locked-rotor Torque		3.25 LB-FT		
NEMA Design Code		N	KVA Code	J	Starting Current		25 A	
Service Factor (S.F.)		1.25		No-load Current		4.1 A		
NEMA Nom. Eff.		71	Power Factor	68	Line-line Res. @ 25°C		3.18 Ω A Ph 2.53 Ω B Ph	
Rating - Duty		40C AMB-CONT		Temp. Rise @ Rated Load				
S.F. Amps		12/6		Temp. Rise @ S.F. Load				104°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	61	70	75	80	0
Efficiency	42	58	64	66	65	63	0
Speed	3557	3522	3485	3440	3399	3320	0
Line amperes	4.2	4.3	4.7	5.4	5.9	7	5.9

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

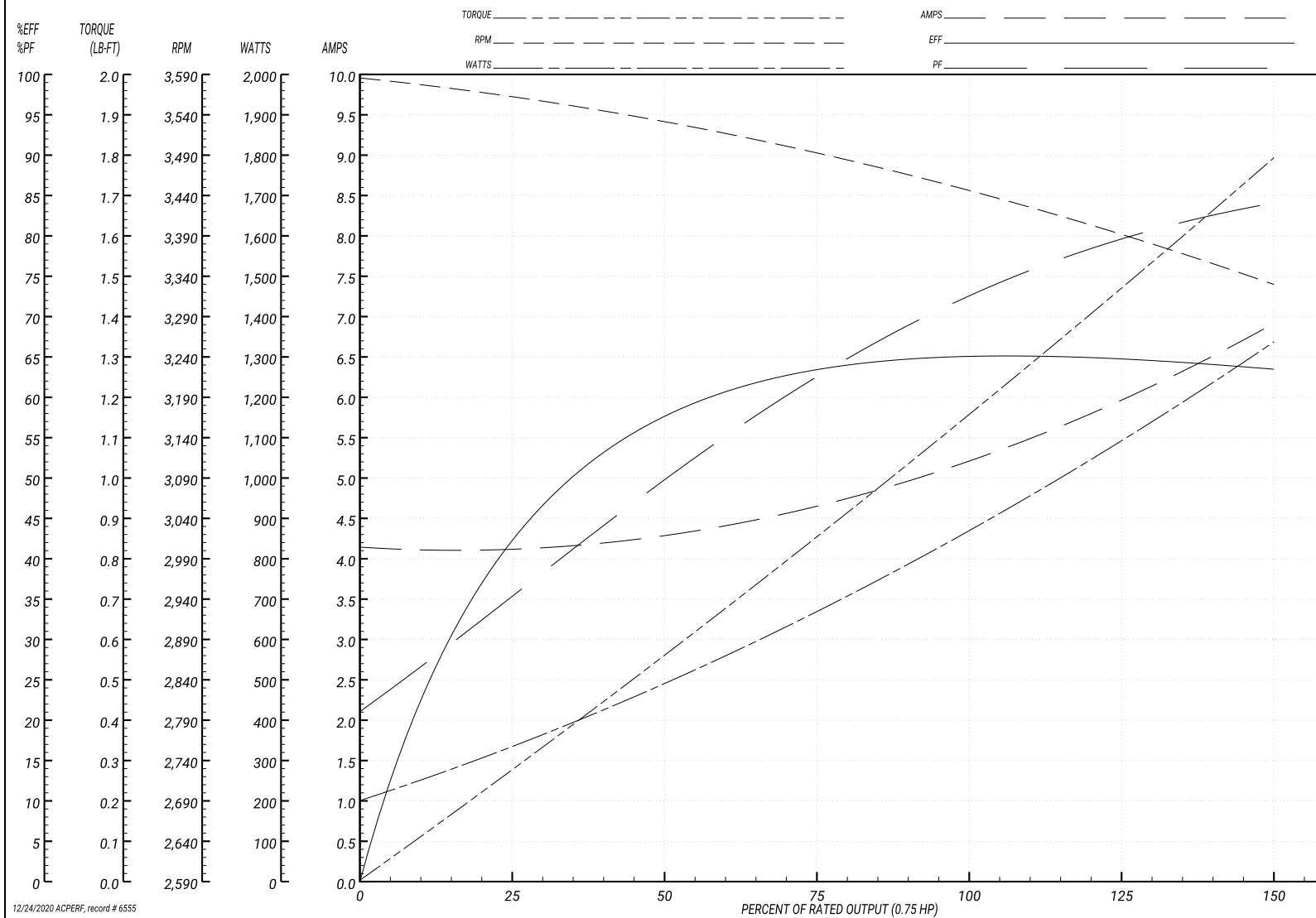
ABB Motors and Mechanical Inc.

WINDING # 34WG0192

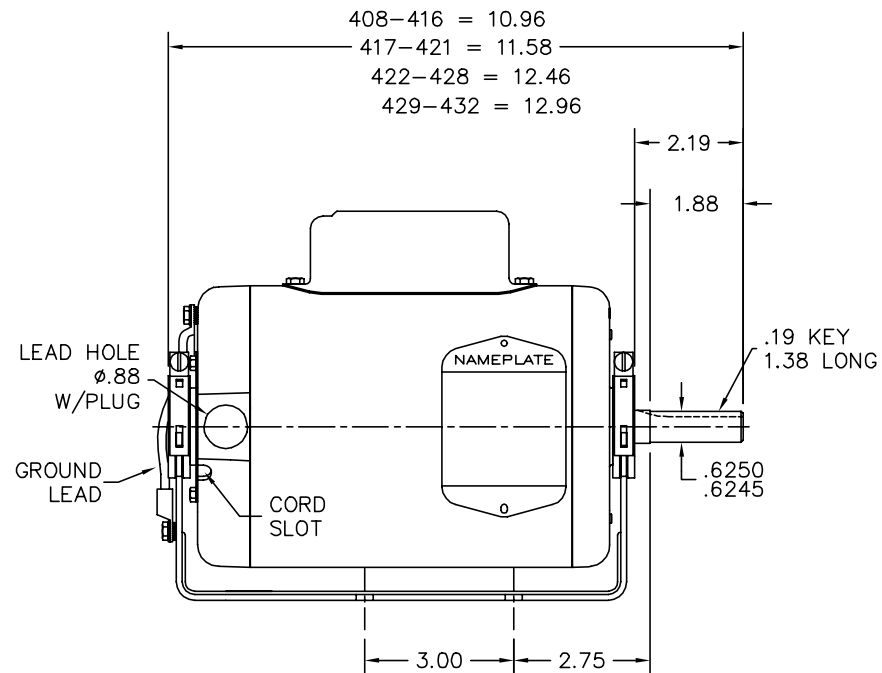
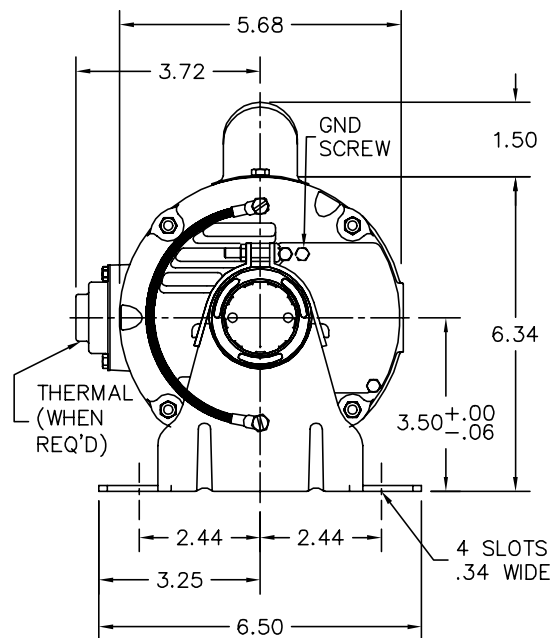
Typical performance - not guaranteed values.

0.75 HP 1 PH 60 HZ 3450 RPM 230 V 3420L

TORQUES(LB-FT): PO=2.88 PU=2.25 LR=3.25 LRA=25



34LYK018



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

REV. DESC: UPDATED LAYOUT

REV. LTR: C

VERSION: 01

TDR: 000000789644

FILE: \AAA\00012\624

REVISED: 03:25:52 03/19/2013

MTL: -

BY: ENBENBO

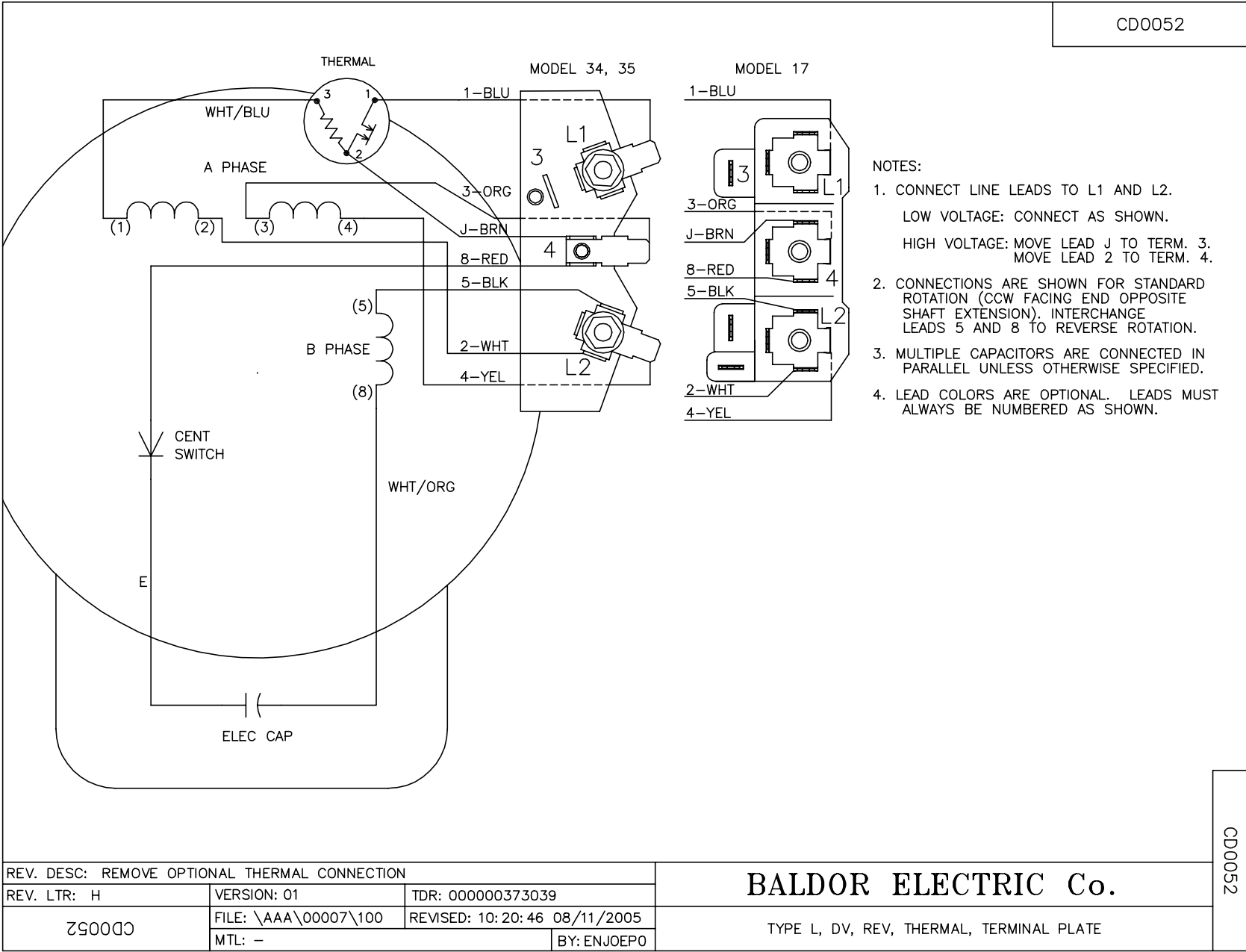
BALDOR

STD RESIL MTD 34L NEMA 56 OPEN W/TERM PLATE

SH 1 of 1

34LYK018

CD0052



CD0052