

BALDOR® • RELIANCE

Product Information Packet

CJL3504A

.5HP,1725RPM,1PH,60HZ,56J,3421L,TEFC,F1

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Part Detail									
Revision:	U	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3421L	Elec. Spec:	34WG5593	CD Diagram:			
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	34L052	Layout:			
Frame:	56J	Mounting:	F1	Poles:	04	Created Date:			
Base:	RG	Rotation:	FOS	Insulation:	B	Eff. Date:	10-24-2011		
Leads:	4#18,1#16 #4TH	Literature:	Y	Elec. Diagram:		Replaced By:			
Nameplate NP1257L									
CAT.NO.	C JL3504A								
SPEC.	34L52-5593								
HP	.5								
VOLTS	115/230								
AMP	7.4/3.7								
RPM	1725								
FRAME	56J	HZ			60	PH	1		
SER.F.	1.25	CODE			J	DES	N	CL	B
NEMA-NOM-EFF	68	PF			66				
RATING	40C AMB-CONT								
CC		USABLE AT 208V			4.3				
DE	6203	ODE			6203				
ENCL	TEFC	SN							
	SFA 8.2/4.1								

Parts List		
Part Number	Description	Quantity
SA007937	SA 34L52-5593	1.000 EA
RA004384	RA 34L52-5593	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
NS2500A01	INSULATOR, AUTO THER PROT	1.000 EA
34CB4800SP	CAPACITOR COVER, STAMPED	1.000 EA
34GS3000SP	GASKET, CAPACITOR BOX	1.000 EA
51XB1016A05	10-16X5/16HX WA SL SR TYB (F/S)	2.000 EA
HW5100A03SP	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
34FH4002A03SP	IEC FH NO GREASER W/.88 DIA SHAFT HOLE	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 EA
WD4100A81	CAPLUG BPF-7/8, FOR .86-.88 HOLE	1.000 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

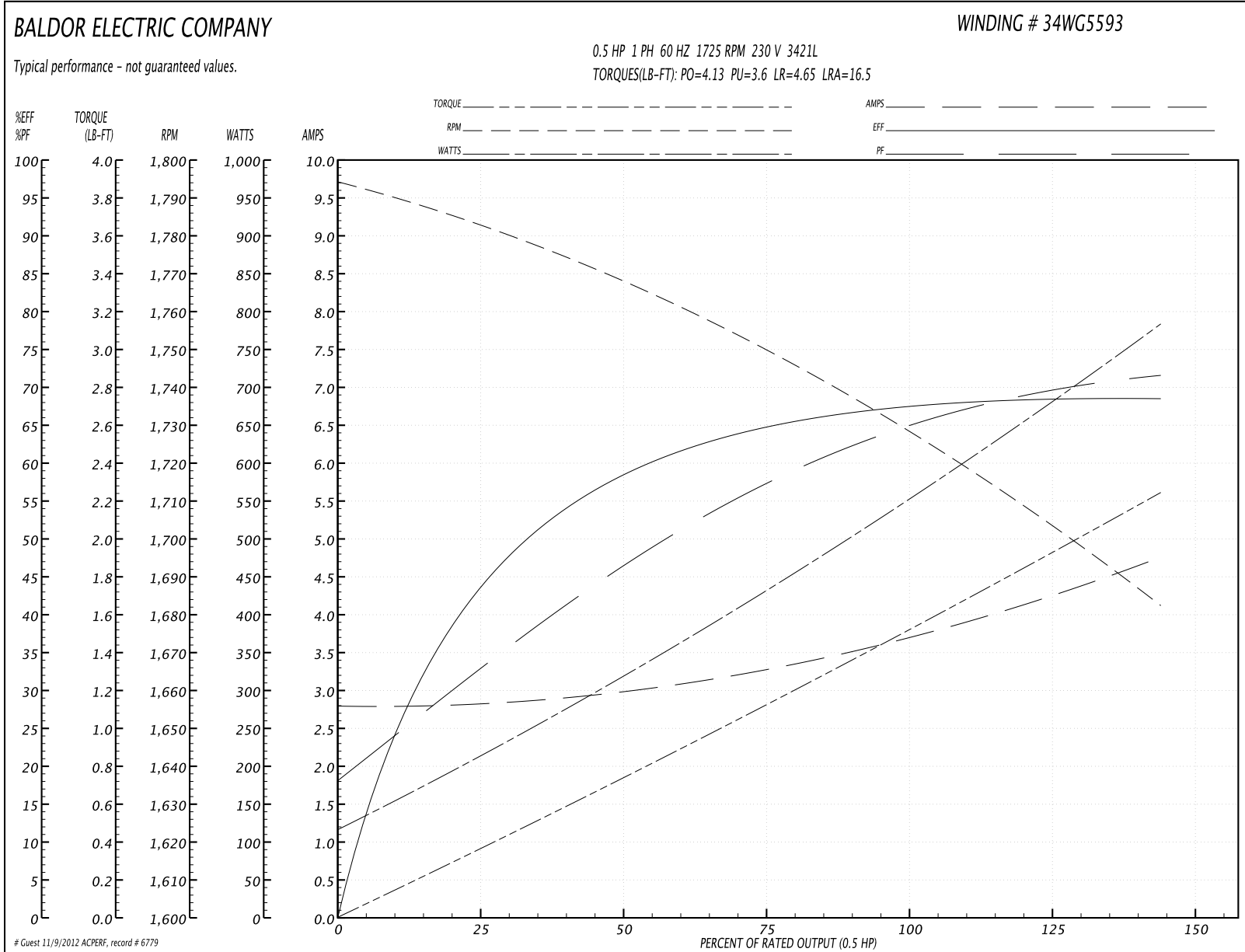
Parts List (continued)		
Part Number	Description	Quantity
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.014 GA
10XF0440S02	04-40 X 1/8 TYPE F HEX HD STAINLESS STIC	2.000 EA
SP5056A26	MODEL 34 TYPE L STATIONARY SWITCH WITH L	1.000 EA
HA3100A44	THRUBOLT 10-32 X 8.000	4.000 EA
LB1118	LABEL,WARNING (ROLL LABEL)	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0031	CONNECTION LABEL	1.000 EA
NP1257L	ALUM UL CSA CC THERMAL REV MTG	1.000 EA
34PA1005	PACKING GROUP, BALDOR	1.000 EA

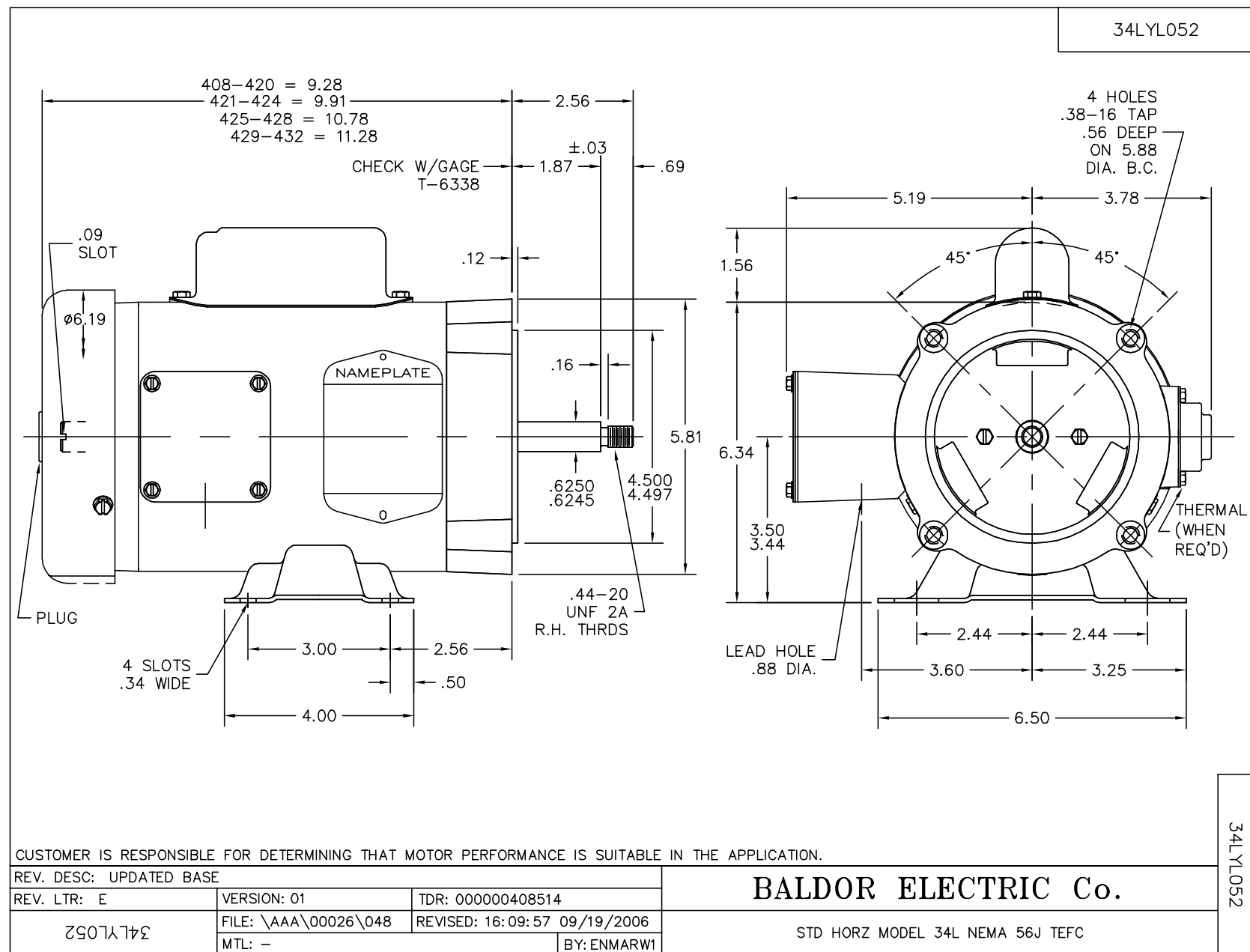
Accessories		
Part Number	Description	Multiplier
34-171	C FACE KIT	A8

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

General Characteristics							
Full Load Torque:		1.5 LB-FT		Start Configuration:		DOL	
No-Load Current:		2.8 Amps		Break-Down Torque:		4.13 LB-FT	
Line-line Res. @ 25°C.:		4.44 Ohms A Ph / 3.19 Ohms B Ph		Pull-Up Torque:		3.6 LB-FT	
Temp. Rise @ Rated Load:		63 C		Locked-Rotor Torque:		4.65 LB-FT	
Temp. Rise @ S.F. Load:		77 C		Starting Current:		16.5 Amps	
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	32.0	46.0	59.0	66.0	72.0	80.0	72.0
Efficiency:	42.0	58.0	65.0	68.0	69.0	68.0	69.0
Speed:	1783.0	1765.0	1750.0	1730.0	1710.0	1680.0	1710.0
Line Amperes:	2.8	3.0	3.3	3.7	4.1	4.8	4.1

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





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