

BALDOR® • RELIANCE

Product Information Packet

ELECTRIC MOTOR WHOLESAL.COM

L1203M

.25HP, 1725RPM, 1PH, 60HZ, 48, 3411L, OPEN, F1

Part Detail							
Revision:	U	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3411L	Elec. Spec:	34WG5604	CD Diagram:	
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	34F001	Layout:	
Frame:	48	Mounting:	F1	Poles:	04	Created Date:	
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	03-31-2011
Leads:	7#18	Literature:		Elec. Diagram:		Replaced By:	

Nameplate NP1257L

CAT.NO.	L1203M						
SPEC.	34F01-5604						
HP	.25						
VOLTS	115/230						
AMP	5/2.5						
RPM	1725						
FRAME	48	HZ			60	PH	1
SER.F.	1.35	CODE			L	DES	N CL B
NEMA-NOM-EFF	55	PF			57		
RATING	40C AMB-CONT						
CC				USABLE AT 208V		3	
DE	6203	ODE			6203		
ENCL	OPEN	SN					
	SFA 5.6/2.8						

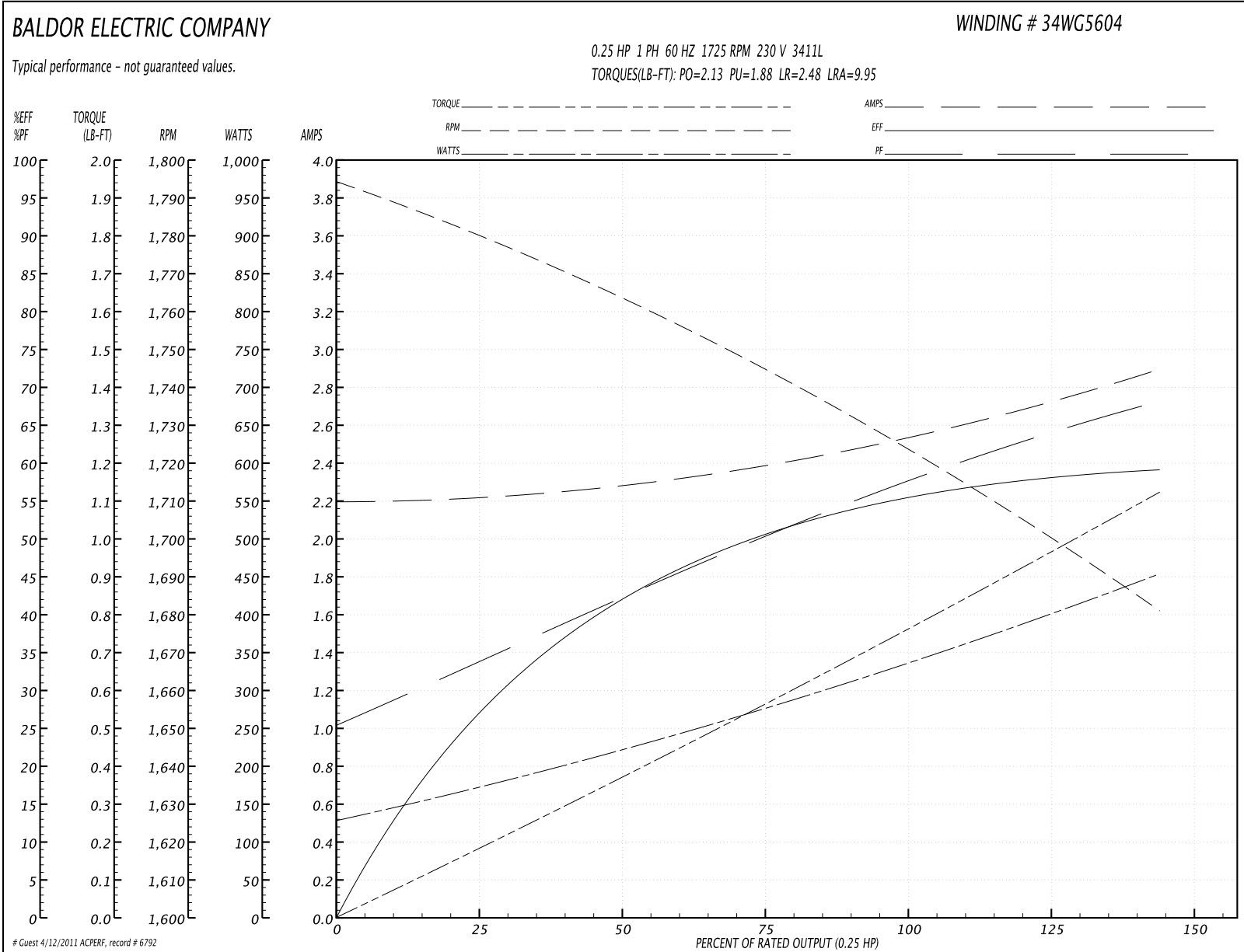
Parts List		
Part Number	Description	Quantity
SA007603	SA 34F01-5604	1.000 EA
RA003990	RA 34F01-5604	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
34CB3002A	CB CAST W/.88 DIA HOLE	1.000 EA
51XB1016A07	10-16 X 7/16 HXWSSLD SERTYB	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000 EA
SP1006A01	TERM. BOARD, MODE 35 SW X H-23655	1.000 EA
34EP3210A01SP	FR ENDPLATE, MACH	1.000 EA
NS2500A01	INSULATOR, AUTO THER PROT	1.000 EA
WD1000A03	41531 AMP FLG.TERM,4M/REEL(2.5MIL)	1.000 EA
34CB4800SP	CAPACITOR COVER, STAMPED	1.000 EA
51XB1016A05	10-16X5/16HX WA SL SR TYB (F/S)	2.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
34EP3212A02	PU ENDPLATE, MODEL 34 OPEN	1.000 EA
XY1032A02	10-32 HEX NUT DIRECTIONAL SERRATION	4.000 EA
34CB4517	CB LID 4 MTG HOLES .22 DIA STAMPED, FOR	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.014 GA
10XF0440S02	04-40 X 1/8 TYPE F HEX HD STAINLESS STIC	2.000 EA
EC1161A02	BMI 091A161B125AD2A ELEC CAP 115V 1.4 X	1.000 EA
SP5056A24	MODEL 34 TYPE L STATIONARY SWITCH WITH L	1.000 EA
HA3100A12	THRUBOLT 10-32 X 7.375	4.000 EA
LB1087	LABEL,MANUAL RESET (ROLL LABEL)	1.000 EA

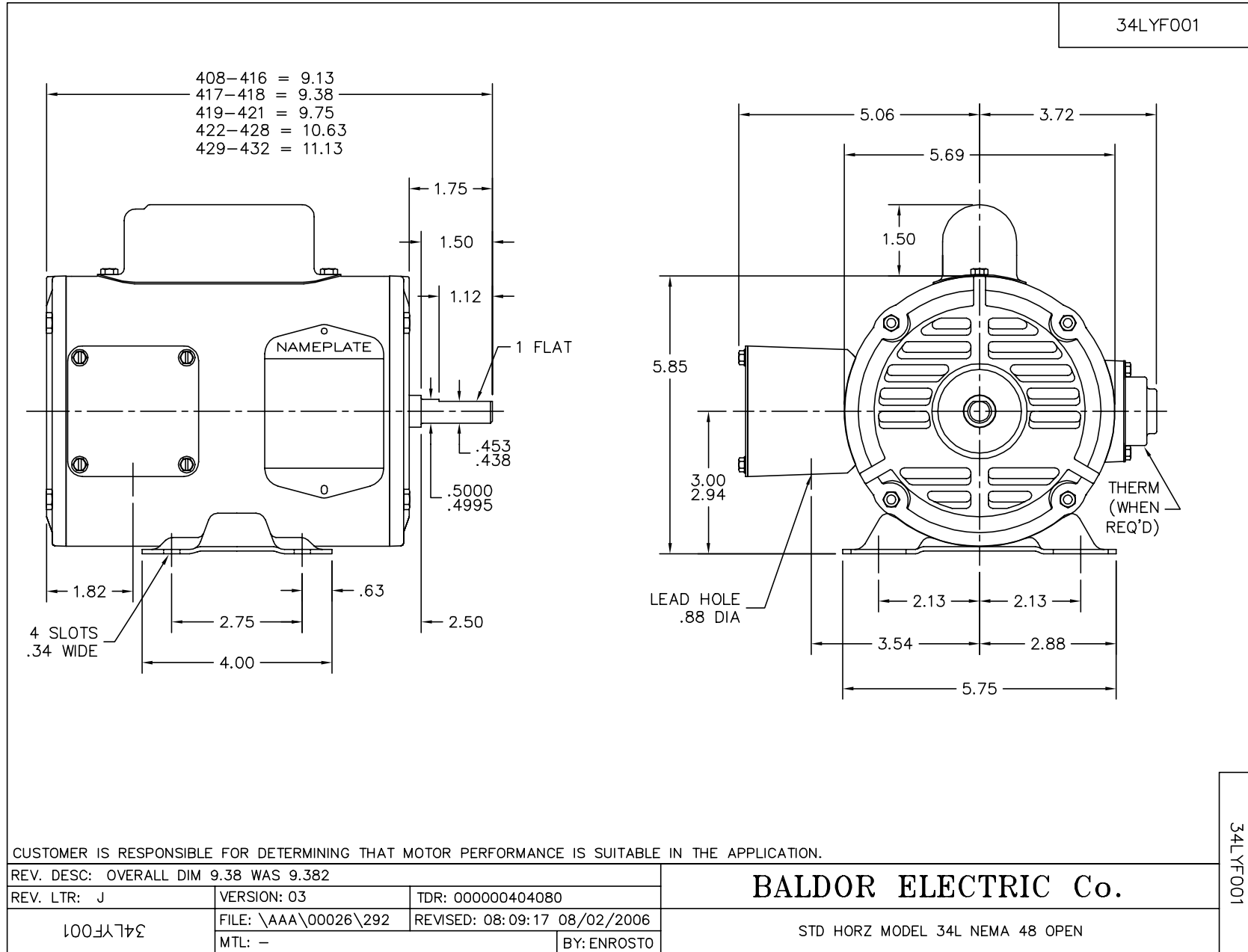
Parts List (continued)		
Part Number	Description	Quantity
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LB1119	WARNING LABEL	1.000 EA
LC0008	1PH,DV,7-LEAD,THERMAL,CONNECTION DIAGRAM	1.000 EA
NP1257L	ALUM, UL CSA CC, W/THERMAL, LASER	1.000 EA
34PA1002	PACKING GROUP, BALDOR	1.000 EA

Performance Data at 230V, 60Hz, 0.25HP (Typical performance - Not guaranteed values)

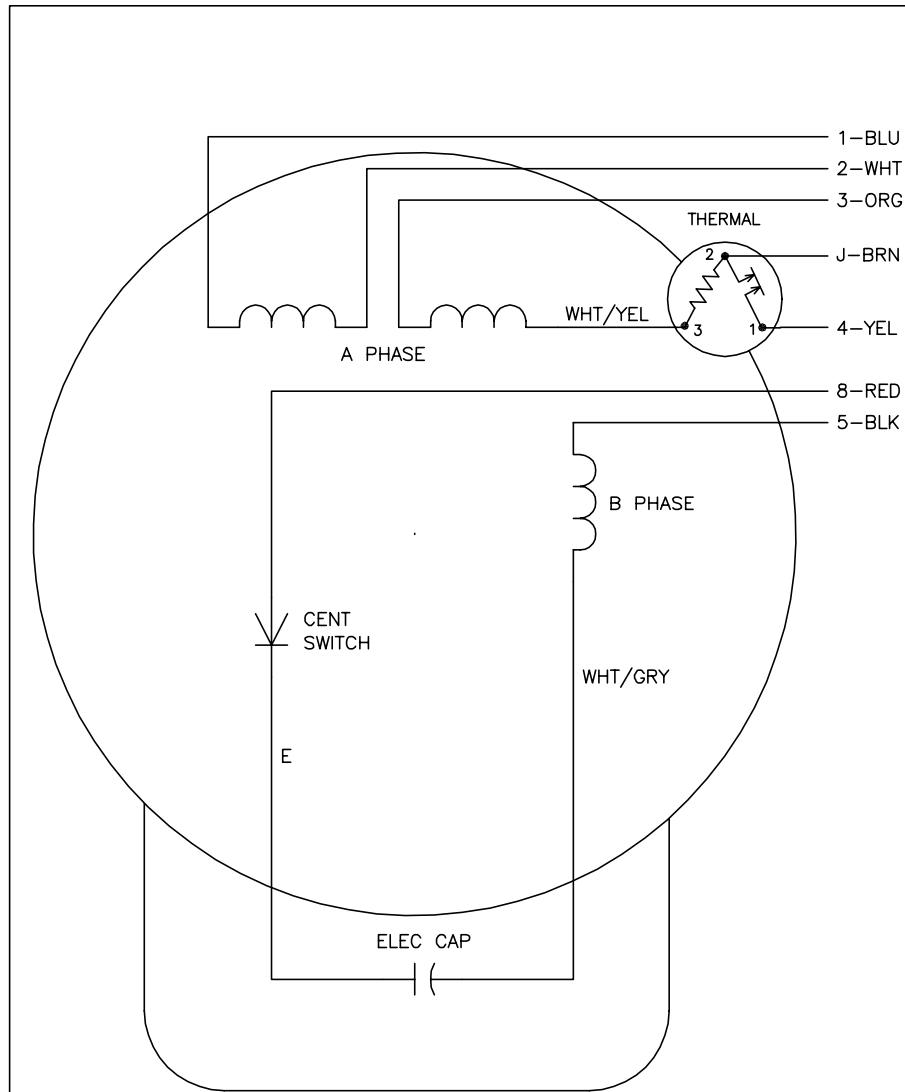
General Characteristics							
Full Load Torque:	0.75 LB-FT			Start Configuration:	DOL		
No-Load Current:	2.2 Amps			Break-Down Torque:	2.13 LB-FT		
Line-line Res. @ 25°C.:	8.88 Ohms A Ph / 7.06 Ohms B Ph			Pull-Up Torque:	1.88 LB-FT		
Temp. Rise @ Rated Load:	42 C			Locked-Rotor Torque:	2.48 LB-FT		
Temp. Rise @ S.F. Load:	50 C			Starting Current:	9.95 Amps		
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	31.0	40.0	49.0	57.0	63.0	69.0	67.0
Efficiency:	27.0	42.0	51.0	55.0	58.0	59.0	59.0
Speed:	1779.0	1763.0	1745.0	1725.0	1705.0	1680.0	1690.0
Line Amperes:	2.2	2.3	2.4	2.5	2.7	2.9	2.8

Performance Graph at 230V, 60Hz, 0.25HP Typical performance - Not guaranteed values





CD0008



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

NOTES:

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

REV. DESC: REMOVE 2-TERMINAL THERMAL DETAIL, SEE CD0008A02		
REV. LTR: F	VERSION: 01	TDR: 000000360649
80000	FILE: \AAA\00007\408	REVISED: 10:56:54 04/18/2005
	MTL: -	BY: ENJOEPO

BALDOR ELECTRIC Co.

TYPE L, DV, REV, THERMAL, 7 LEADS

CD0008