

# **BALDOR® • RELIANCE**

## **Product Information Packet**

### **L1408TM**

**3HP, 1725RPM, 1PH, 60HZ, 184T, 3634LC, OPEN, F1**

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Part Detail							
Revision:	AL	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3634LC	Elec. Spec:	36WG2761	CD Diagram:	
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	36E002	Layout:	
Frame:	184T	Mounting:	F1	Poles:	04	Created Date:	
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	07-13-2012
Leads:	4#14 A&J,3#16 B PH,1#	Leadwire:		Elec. Diagram:		Replaced By:	

Nameplate NP1257L									
CAT.NO.	L1408TM								
SPEC.	36E02-2761								
HP	3								
VOLTS	115/230								
AMP	32/16								
RPM	1725								
FRAME	184T	HZ			60	PH	1		
SER.F.	1.15	CODE			H	DES	L	CL	B
NEMA-NOM-EFF	78	PF			78				
RATING	40C AMB-CONT								
CC				USABLE AT 208V					
DE	6206	ODE			6205				
ENCL	OPEN	SN							

Parts List		
Part Number	Description	Quantity
SA034424	SA 36E02-2761	1.000 EA
RA030452	RA 36E02-2761	1.000 EA
TP5059	GENERIC THERMAL KIT	1.000 EA
36CB3004	36 CB CASTING W/1.09 DIA LEAD HOLE @ 6:0	1.000 EA
51XB1016A08	10-16X 1/2HXWSSLD SERTYB	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
HW3001B01	003SS CUP WASHER, FOR #8 SCREW	1.000 EA
36EP3200A01SP	FR ENDPLATE, MACH	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
SP1008A01	BAFFLE, MODEL 36 & 37	1.000 EA
13XT0832A07	8-32X7/16 TYP 23 PAN HD SLT DX	2.000 EA
10XN2520A12	O1/4-20X 3/4 HEX HEAD CAP	2.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 EA
36EP3201A01	PU ENDPLATE, MACH 182-4T	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
XY2520A12	1/4-20 HEX NUT, DIRECTIONAL SERRATIONS	4.000 EA
36CB4516	36 LIPPED CB LID	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HW2501E16	3KEY, 1/4 SQ X 1.750	1.000 EA
HA7000A02	KEY RETAINER RING, 1 1/8 DIA, 1 3/8 DIA	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.022 GA
HA3101A25	THRUBOLT 1/4-20 X 11.000 OHIO ROD	4.000 EA

Parts List (continued)		
Part Number	Description	Quantity
36CB5010A01	CAPACITOR BOX KIT, 36CB3800, OC3020F12	1.000 EA
SP5064A06	MODEL 36 TYPE LC STAT SWITCH LEAD ASSEMB	1.000 EA
LB1119	WARNING LABEL	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LB1087	LABEL,MANUAL RESET (ROLL LABEL)	1.000 EA
LC0016	CONNECTION LABEL	1.000 EA
NP1257L	ALUM UL CSA CC THERMAL REV MTG	1.000 EA
36PA1000	PACK GROUP W/LB5001	1.000 EA

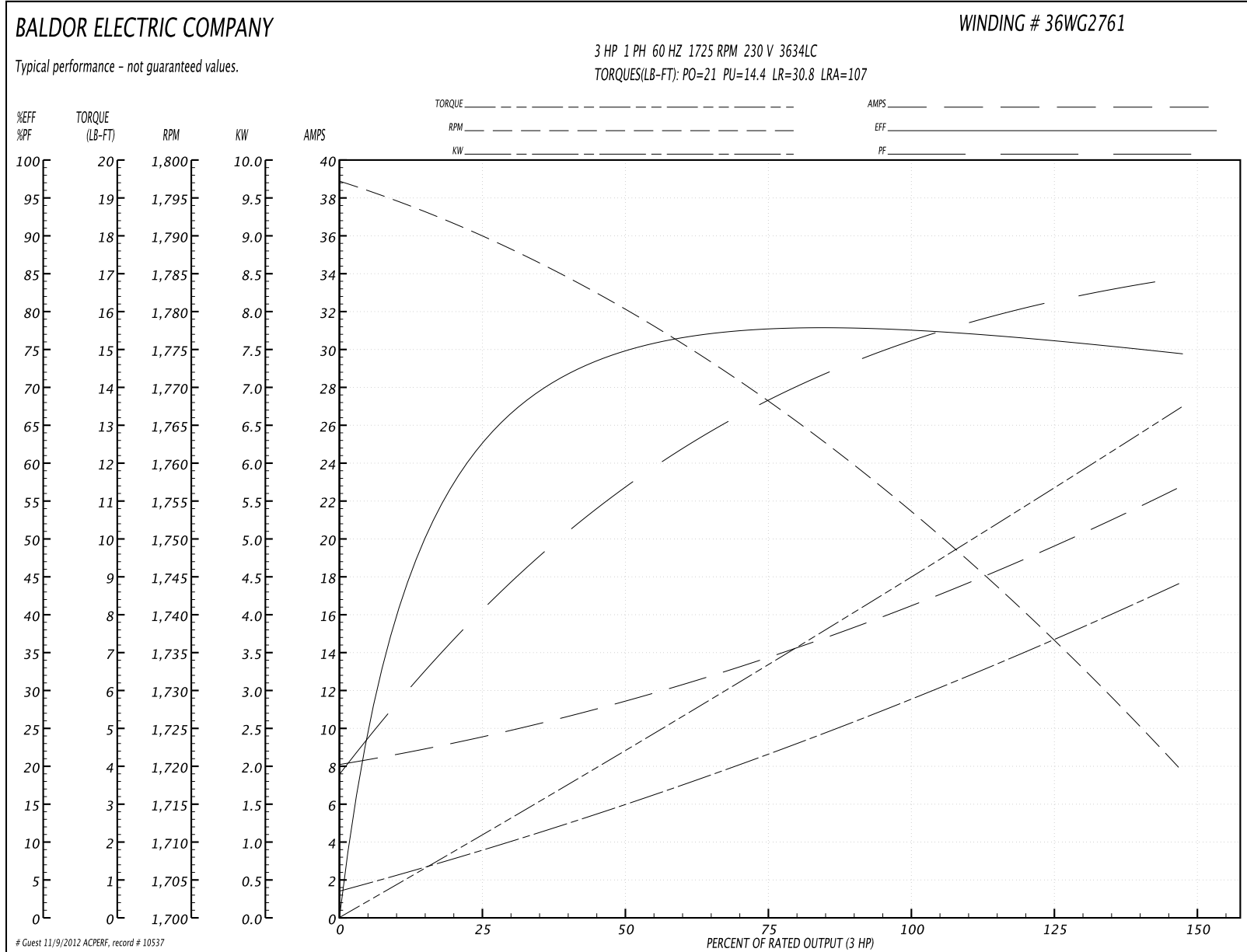
Accessories		
Part Number	Description	Multiplier
36-3403	C FACE KIT	A8
36EP1405A09SP	D-FLANGE KIT	A8

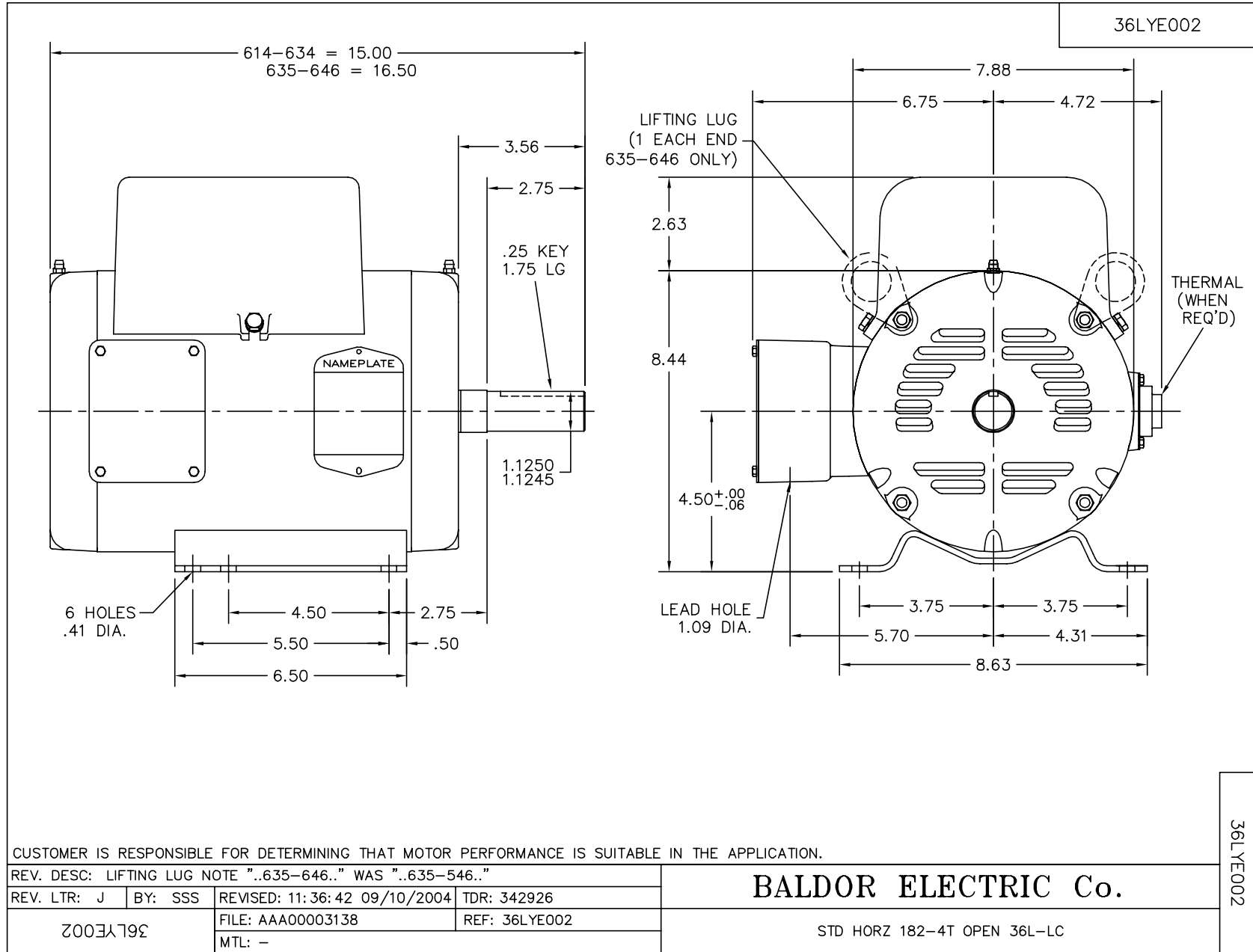
**Performance Data at 230V, 60Hz, 3.0HP (Typical performance - Not guaranteed values)**

General Characteristics			
Full Load Torque:	9.0 LB-FT	Start Configuration:	DOL
No-Load Current:	8.5 Amps	Break-Down Torque:	21.0 LB-FT
Line-line Res. @ 25°C.:	4.156 Ohms A Ph / 0.586 Ohms B Ph	Pull-Up Torque:	14.4 LB-FT
Temp. Rise @ Rated Load:		Locked-Rotor Torque:	30.8 LB-FT
Temp. Rise @ S.F. Load:		Starting Current:	107.0 Amps

Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	45.0	64.0	73.0	79.0	85.0	83.0	83.0
Efficiency:	62.6	74.9	78.6	78.0	75.0	74.9	76.1
Speed:	1788.0	1780.0	1769.0	1756.0	1733.0	1721.0	1742.0
Line Amperes:	9.1	10.4	15.8	16.0	19.0	23.0	17.8

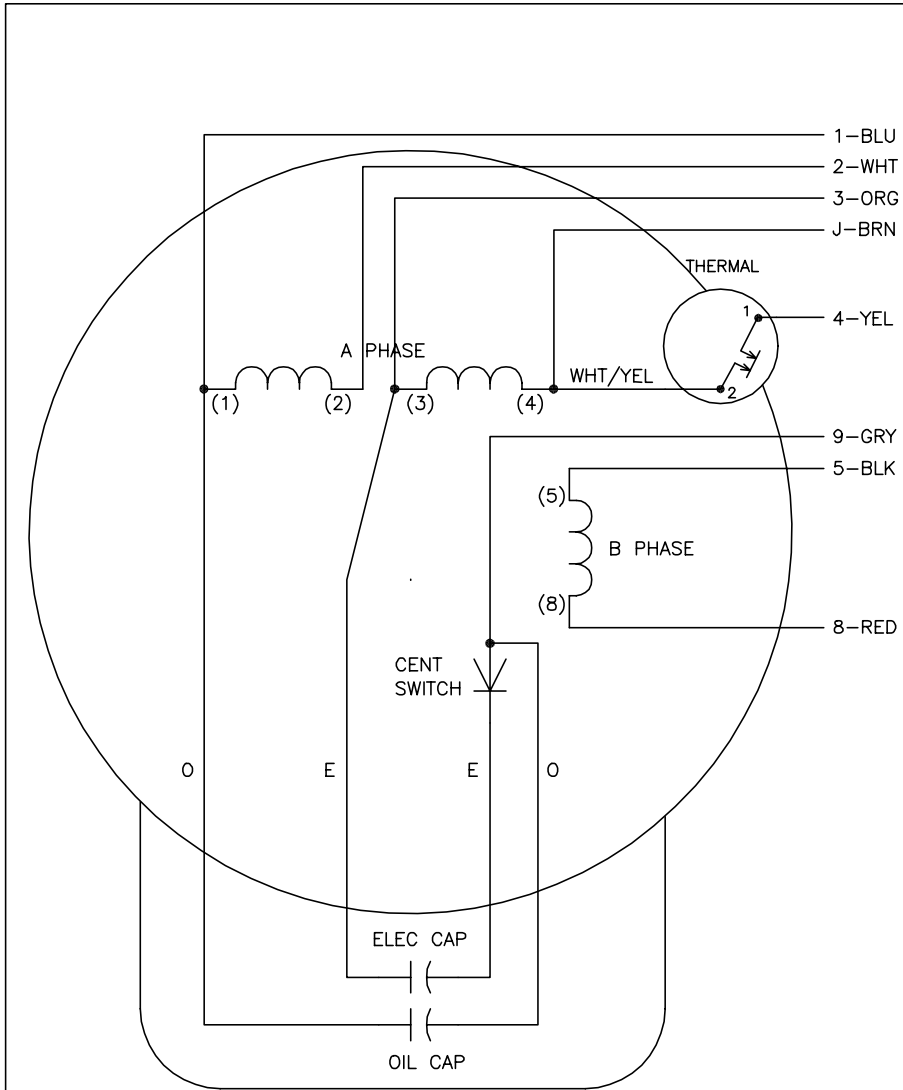
Performance Graph at 230V, 60Hz, 3.0HP Typical performance - Not guaranteed values







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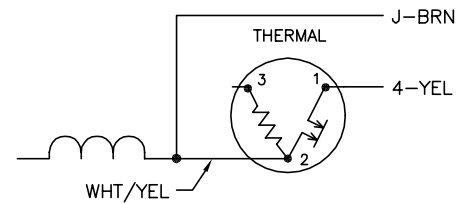


	LINE A	LINE B	JOIN	JOIN	JOIN
HIGH STD	1	4	2,3	8,9	J,5
HIGH OPP	1	4	2,3	5,9	J,8
LOW STD	1,3	4	8,9	2,J,5	-
LOW OPP	1,3	4	5,9	2,J,8	-

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.

BYPASSING THE HEATER OF A THREE TERMINAL THERMAL



REV. DESC: NEW	VERSION: 00	TDR: 000000360649
REV. LTR: -	FILE: \AAA\00126\040	REVISED: 10:27:12 04/18/2005
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**BALDOR ELECTRIC Co.**

TYPE LC, DV, REV,OIL CAP ACR. LINE, 2-TERMINAL THERMAL,8 LDS

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