



BALDOR® • *RELIANCE*

Product Information Packet

L1408TM

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

Product Detail										
Revision:	AG	Status:	PRD/A	Change #:		Proprietary:	No			
Type:	AC	Prod Type:	3634LC	Elec. Spec:	36WG2761	CD Diagram:	CD0016A03			
Enclosure	OPEN	Mfg Plant:		Mech Spec:	36E002	Layout:	36LYE002			
Frame:	184T	Mounting:	F1	Poles:	04	Created Date:				
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	05-20-2008			
Leads:	4#14,3#16,1#10	Literature:		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			
Product ID	Description	Quantity	List Price
SA034424	SA 36E02-2761	1.000	443.00
RA030452	RA 36E02-2761	1.000	305.00
TP5059	GENERIC THERMAL KIT	1.000	5.00
36CB3004	36 CB CASTING W/1.09 DIA LEAD HOLE @ 6:0	1.000	19.00
51XB1016A08	10-16X 1/2HXWSSLD SERTYB	2.000	2.00
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000	3.00
HW3001A01	D3019 BRASS WASHER(STIMP)	1.000	2.00
36EP3200A01SP	FR ENDPLATE, MACH	1.000	66.00
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000	2.00
SP1008A01	BAFFLE, MODEL 36 & 37	1.000	3.00
13XT0832A07	8-32X7/16 TYP 23 PAN HD SLT DX	2.000	3.00
10XN2520A12	1/4-20X 3/4 HEX HEAD CAP	2.000	2.00
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000	2.00
36EP3201A01	PU ENDPLATE, MACH	1.000	66.00
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000	2.00
XY2520A12	1/4-20 HEX NUT, DIRECTIONAL SERRATIONS	4.000	1.00
36CB4516	36 LIPPED CB LID	1.000	2.00
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000	2.00
HW2501E16	KEY, 1/4 SQ X 1.750	1.000	2.00
HA7000A02	KEY RETAINER RING, 1 1/8 DIA, 1 3/8 DIA	1.000	2.00
10XF0440S02	04-40 X 1/8 TYPE F HEX HD STAINLESS STIC	2.000	2.00
MJ1000A02	GREASE, POLYREX EM EXXON	0.050	10.00
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.022	4,000.00
HA3101A25	THRUBOLT 1/4-20 X 11.000 OHIO ROD	4.000	2.00

Parts List (continued)			
Product ID	Description	Quantity	List Price
36CB5010A01	CAPACITOR BOX KIT, 36CB3800, OC3020F12	1.000	135.00
SP5064A06	MODEL 36 TYPE LC STAT SWITCH LEAD ASSEMB	1.000	39.00
LB1119	WARNING LABEL	1.000	2.00
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000	2.00
LB1087	LABEL,MANUAL RESET (ROLL LABEL)	1.000	2.00
LC0016	CONNECTION LABEL	1.000	2.00
NP1257L	NP STD LASER ENGRAVED THERMAL PROTECTED,	1.000	25.00
G7PA1000	PACKAGING GROUP / BALDOR	1.000	21.00

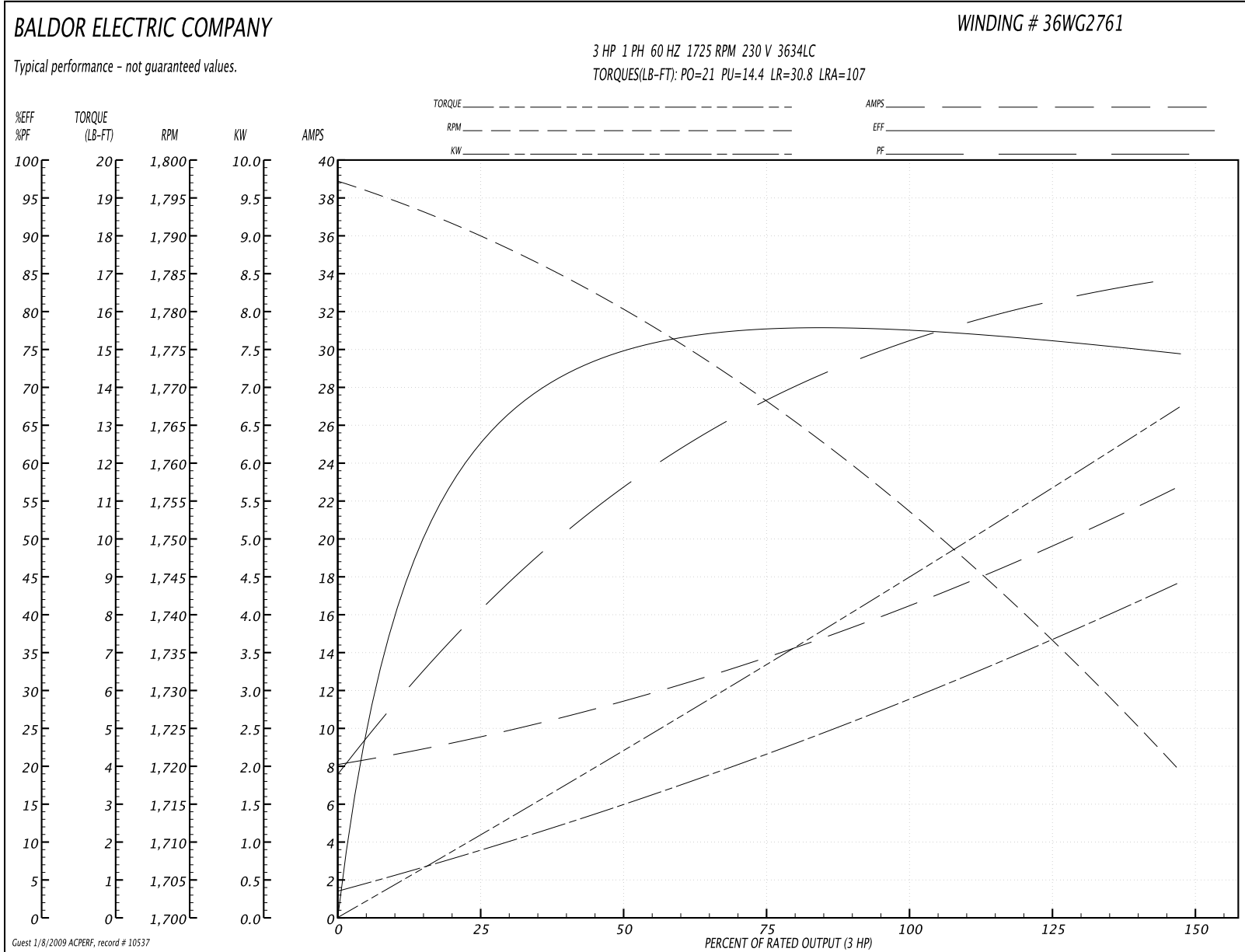
Performance Data at 230V, 60Hz, 3.0HP (Typical performance - Not guaranteed values)
General Characteristics

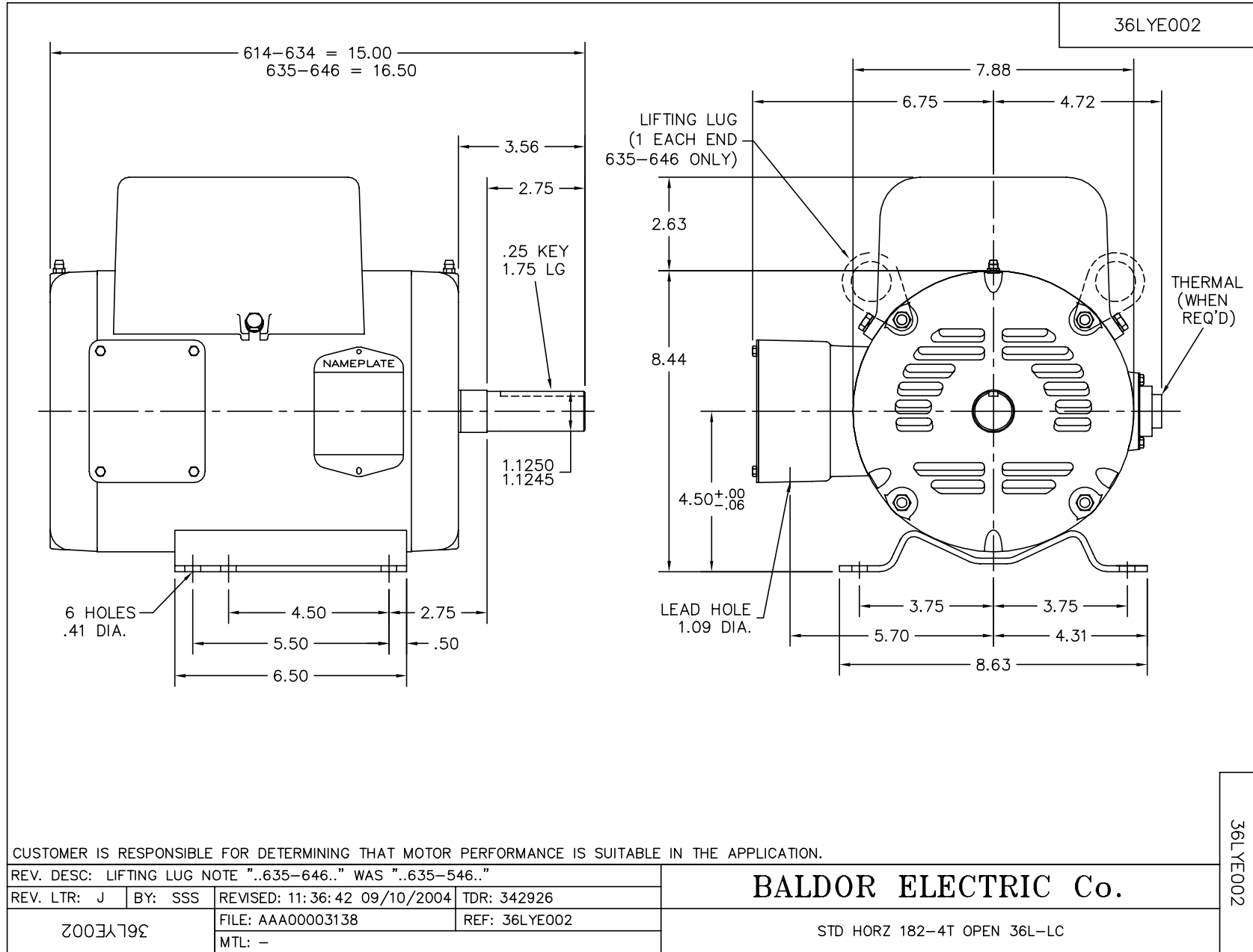
Full Load Torque:	9.0 LB-FT	Start Configuration:	DOL
No-Load Current:	8.5 Amps	Break-Down Torque:	21.0 LB-FT
Line-line Res. @ 25°C.:	4.156 Ohms A Ph / 0.586 Ohms B Ph	Pull-Up Torque:	14.4 LB-FT
Temp. Rise @ Rated Load:	0°C	Locked-Rotor Torque:	30.8 LB-FT
Temp. Rise @ S.F. Load:	0°C	Starting Current:	107.0 Amps

Load Characteristics

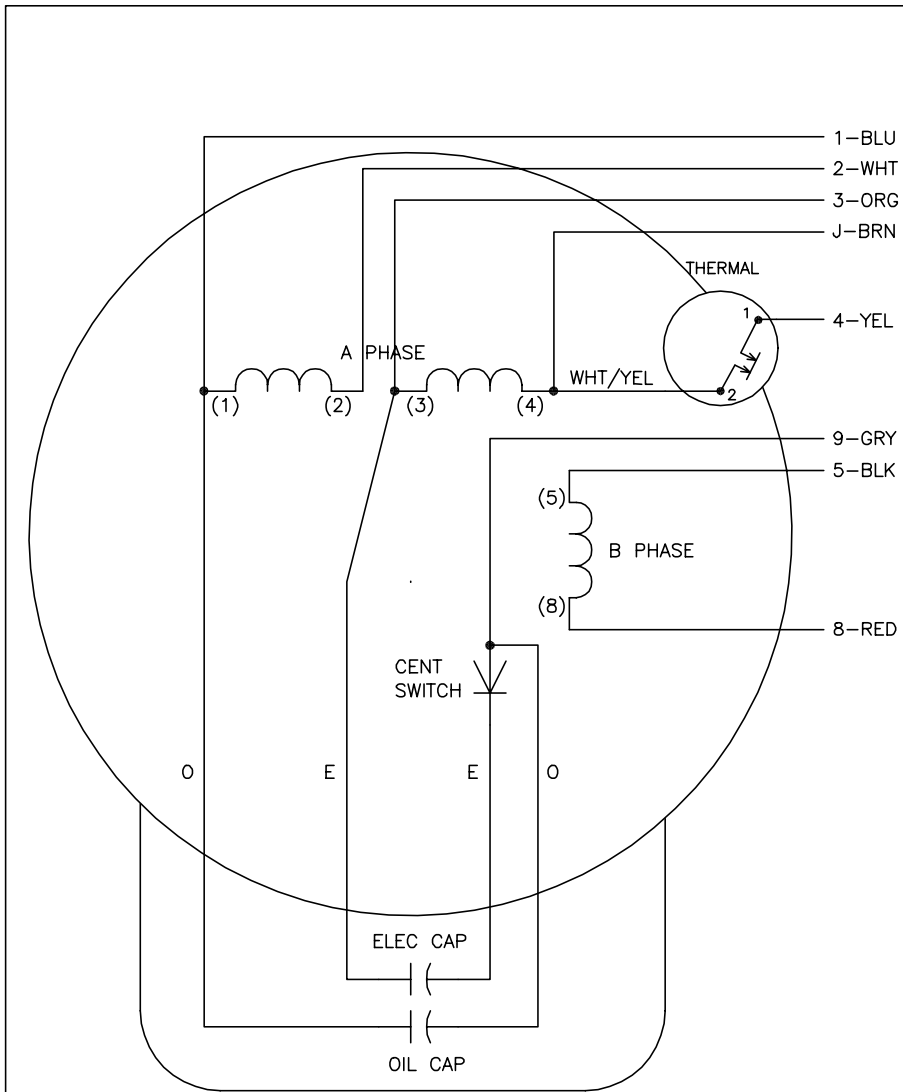
% of Rated Load:	25	50	75	100	125	150	S.F.
Power Factor:	45.0	64.0	73.0	79.0	85.0	83.0	83.0
Efficiency:	62.6	74.9	78.6	78.0	75.0	74.9	76.1
Speed:	1788.0	1780.0	1769.0	1756.0	1733.0	1721.0	1742.0
Line Amperes:	9.1	10.4	15.8	16.0	19.0	23.0	17.8

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





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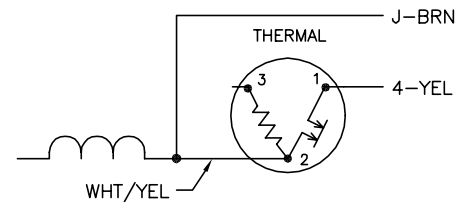


	LINE A	LINE B	JOIN	JOIN	JOIN
HIGH STD	1	4	2,3	8,9	J,5
HIGH OPP	1	4	2,3	5,9	J,8
LOW STD	1,3	4	8,9	2,J,5	-
LOW OPP	1,3	4	5,9	2,J,8	-

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	
CD0016A03		MTL: -		BY: ENJOEPO	

BALDOR ELECTRIC Co.

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

CD0016A03