

BALDOR® • RELIANCE

Product Information Packet

CL1408TM

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

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Part Detail									
Revision:	AC	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3634LC	Elec. Spec:	36WG2761	CD Diagram:			
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	36F984	Layout:			
Frame:	184TC	Mounting:	F1	Poles:	04	Created Date:			
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	05-05-2011		
Leads:	4#14 A&J,3#16 B PH,1#16 C	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP1257L									
CAT.NO.	CL1408TM								
SPEC.	36F984-2761								
HP	3								
VOLTS	115/230								
AMP	32/16								
RPM	1725								
FRAME	184TC	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
SA035335	SA 36F984-2761	1.000 EA
RA031362	RA 36F984-2761	1.000 EA
TPCRT00CB	THERMAL 1PH 130 MAN 120C WELDED	1.000 EA
TP5059	GENERIC THERMAL KIT	1.000 EA
36CB3004A12	36 CB 1.09 @ 6, 1.00 MTO @ 3	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
HA6015A02	THERMAL RETAINER (PLATED)	1.000 EA
NS2500A02	INSULATOR, MAN THER PROT	1.000 EA
51XB1214A10	12-14 X 5/8HX WS SL SR TYBX	2.000 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
13XF0832A08	8-32 X.50 PAN HD,SLTD, TYPE F SCREW, ZIN	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
36EP3403A03	PU E.P., TC, OPEN, 206 BRG, LESS TIGHT S	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
36AD2000	AIR BAFFLE	1.000 EA
60XW0632A06	6-32 X 3/8 TORX HEAD SCREW TAPTITE II	4.000 EA
10XN2520A28	1/4-20X 1 3/4 HEX HD	4.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	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

Parts List (continued)		
Part Number	Description	Quantity
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
LB1087	LABEL,MANUAL RESET (ROLL LABEL)	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.022 GA
36CB5010A01	CAPACITOR BOX KIT, 36CB3800, OC3020F12	1.000 EA
SP5064A06	MODEL 36 TYPE LC STAT SWITCH LEAD ASSEMB	1.000 EA
HA3101A25	THRUBOLT 1/4-20 X 11.000 OHIO ROD	4.000 EA
LB1119	WARNING LABEL	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0016	CONNECTION LABEL	1.000 EA
NP1257L	ALUM UL CSA CC THERMAL REV MTG	1.000 EA
36PA1001	PACKAGING GROUP	1.000 EA

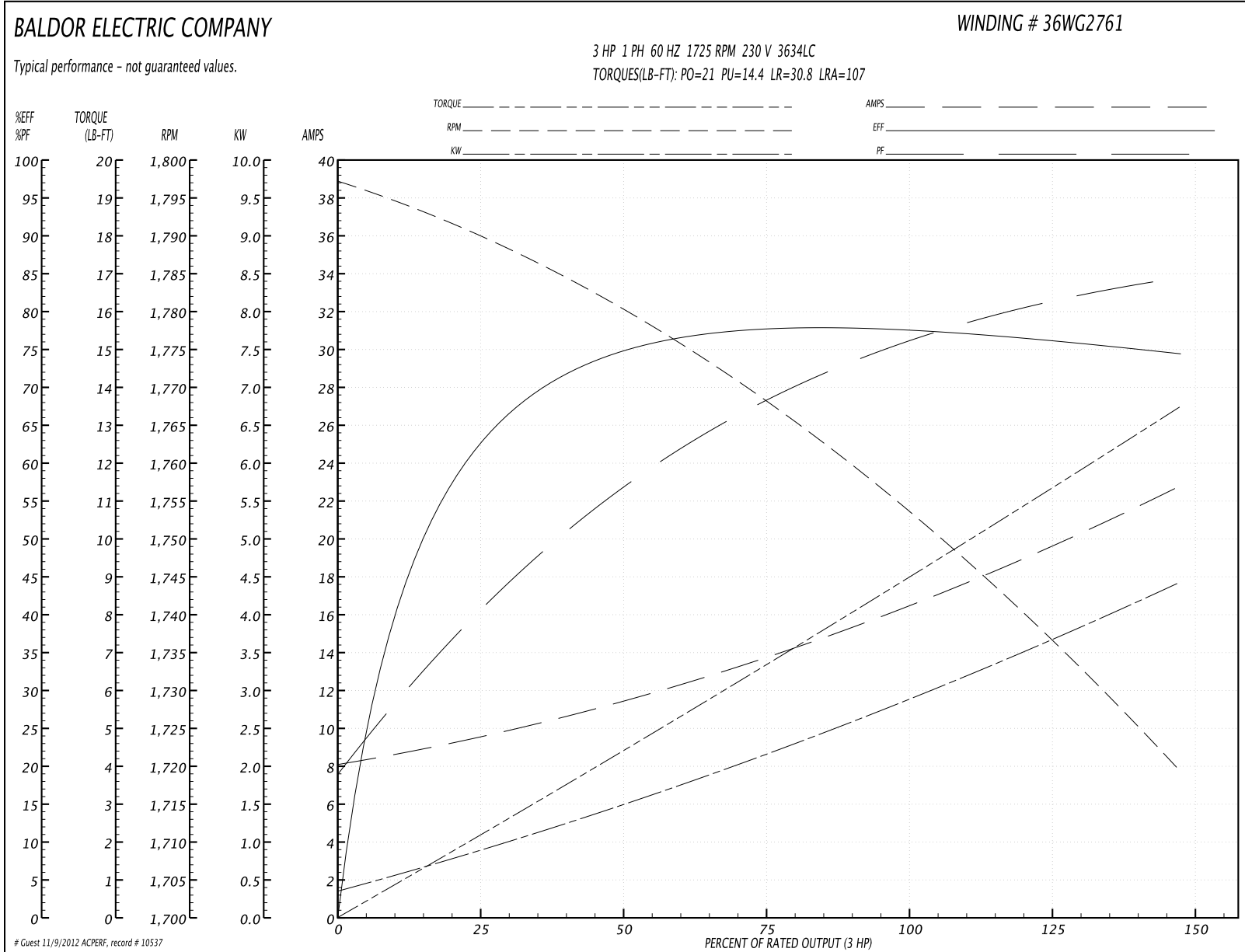
Performance Data at 230V, 60Hz, 3.0HP (Typical performance - Not guaranteed values)
General Characteristics

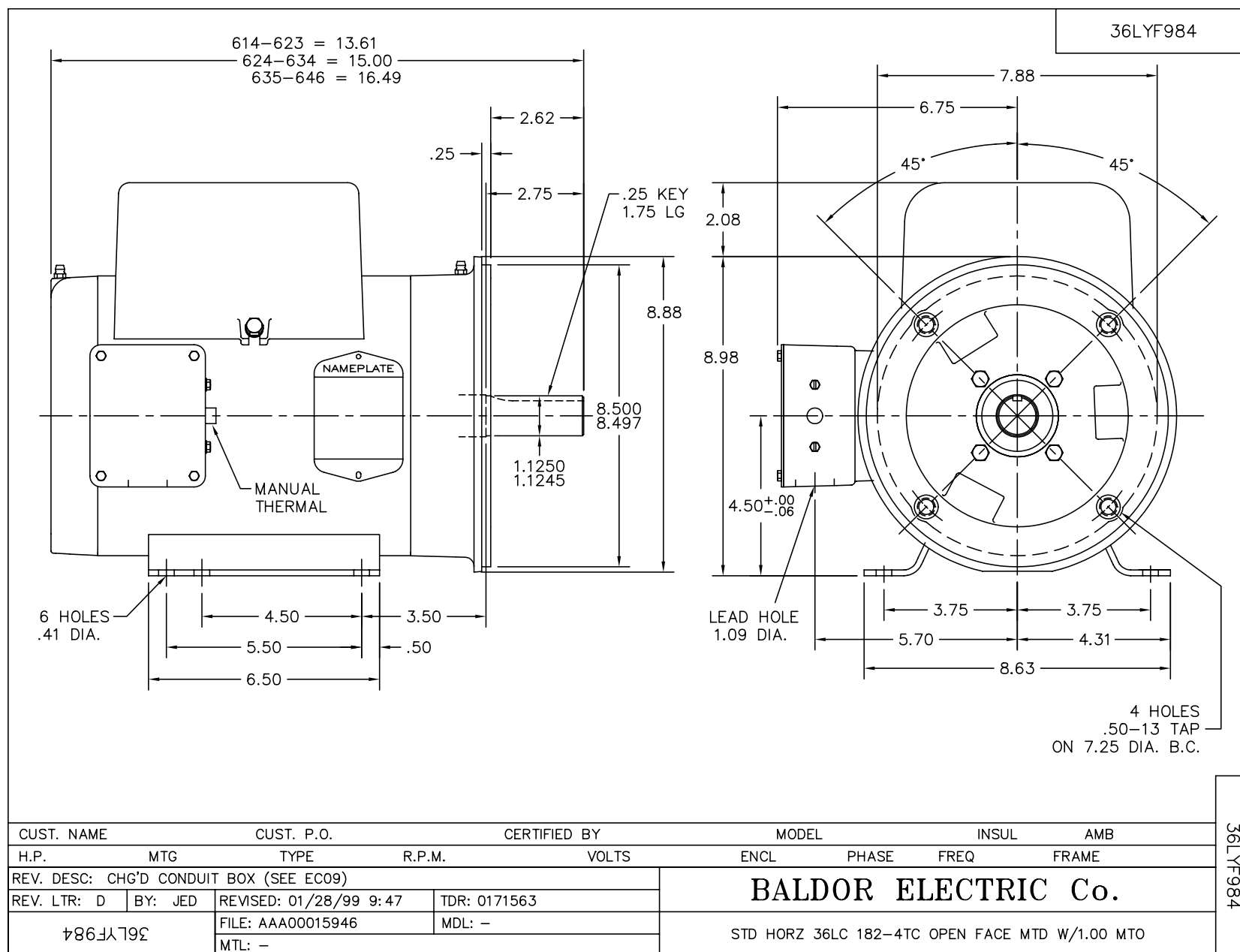
Full Load Torque:	9.0 LB-FT	Start Configuration:	DOL
No-Load Current:	8.5 Amps	Break-Down Torque:	21.0 LB-FT
Line-line Res. @ 25°C.:	4.156 Ohms A Ph / 0.586 Ohms B Ph	Pull-Up Torque:	14.4 LB-FT
Temp. Rise @ Rated Load:		Locked-Rotor Torque:	30.8 LB-FT
Temp. Rise @ S.F. Load:		Starting Current:	107.0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

Load Characteristics

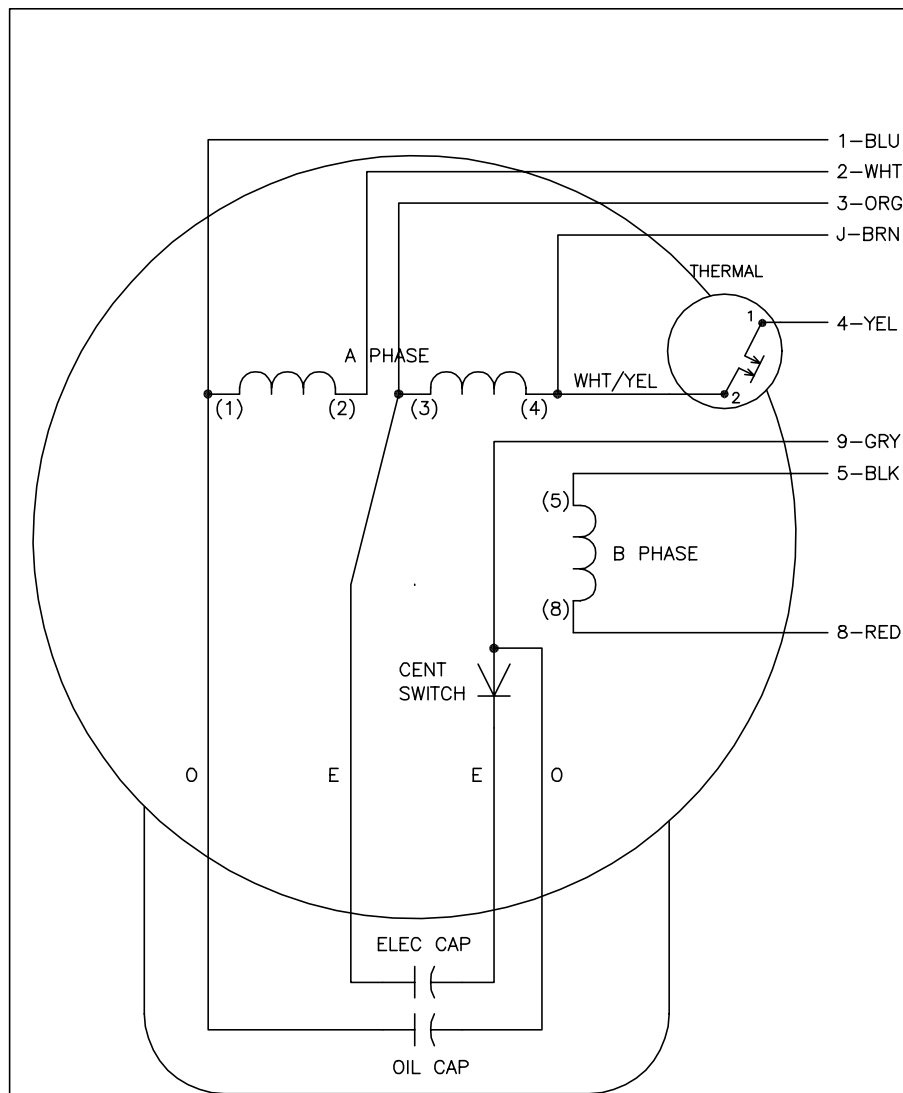
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	45.0	64.0	73.0	79.0	85.0	83.0	83.0
Efficiency:	62.6	74.9	78.6	78.0	75.0	74.9	76.1
Speed:	1788.0	1780.0	1769.0	1756.0	1733.0	1721.0	1742.0
Line Amperes:	9.1	10.4	15.8	16.0	19.0	23.0	17.8

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





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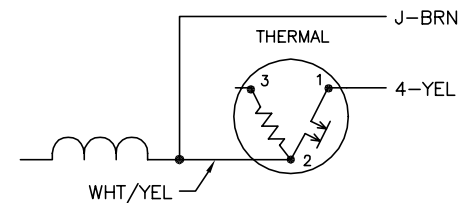


	LINE A	LINE B	JOIN	JOIN	JOIN
HIGH STD	1	4	2,3	8,9	J,5
HIGH OPP	1	4	2,3	5,9	J,8
LOW STD	1,3	4	8,9	2,J,5	—
LOW OPP	1,3	4	5,9	2,J,8	—

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
Σ0V9100D0	MTL: —	BY: ENJOEPO

BALDOR ELECTRIC Co.

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

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