

# **BALDOR**® • **RELIANCE**

## **Product Information Packet**

# **CL3608TM**

**5HP,3450RPM,1PH,60HZ,184TC,3640LC,TEFC**

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Part Detail									
Revision:	Y	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3640LC	Elec. Spec:	36WGW957	CD Diagram:			
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	36M038	Layout:			
Frame:	184TC	Mounting:	F1	Poles:	02	Created Date:			
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	11-05-2009		
Leads:	2#14 A PH,3#16 B&J	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP1257L									
CAT.NO.	CL3608TM								
SPEC.	36M38W957								
HP	5								
VOLTS	230								
AMP	19.5								
RPM	3450								
FRAME	184TC	HZ			60	PH	1		
SER.F.	1.00	CODE			G	DES	L	CL	F
NEMA-NOM-EFF	83	PF			99				
RATING	40C AMB-CONT								
CC				USABLE AT 208V					
DE	6206	ODE			6205				
ENCL	TEFC	SN							

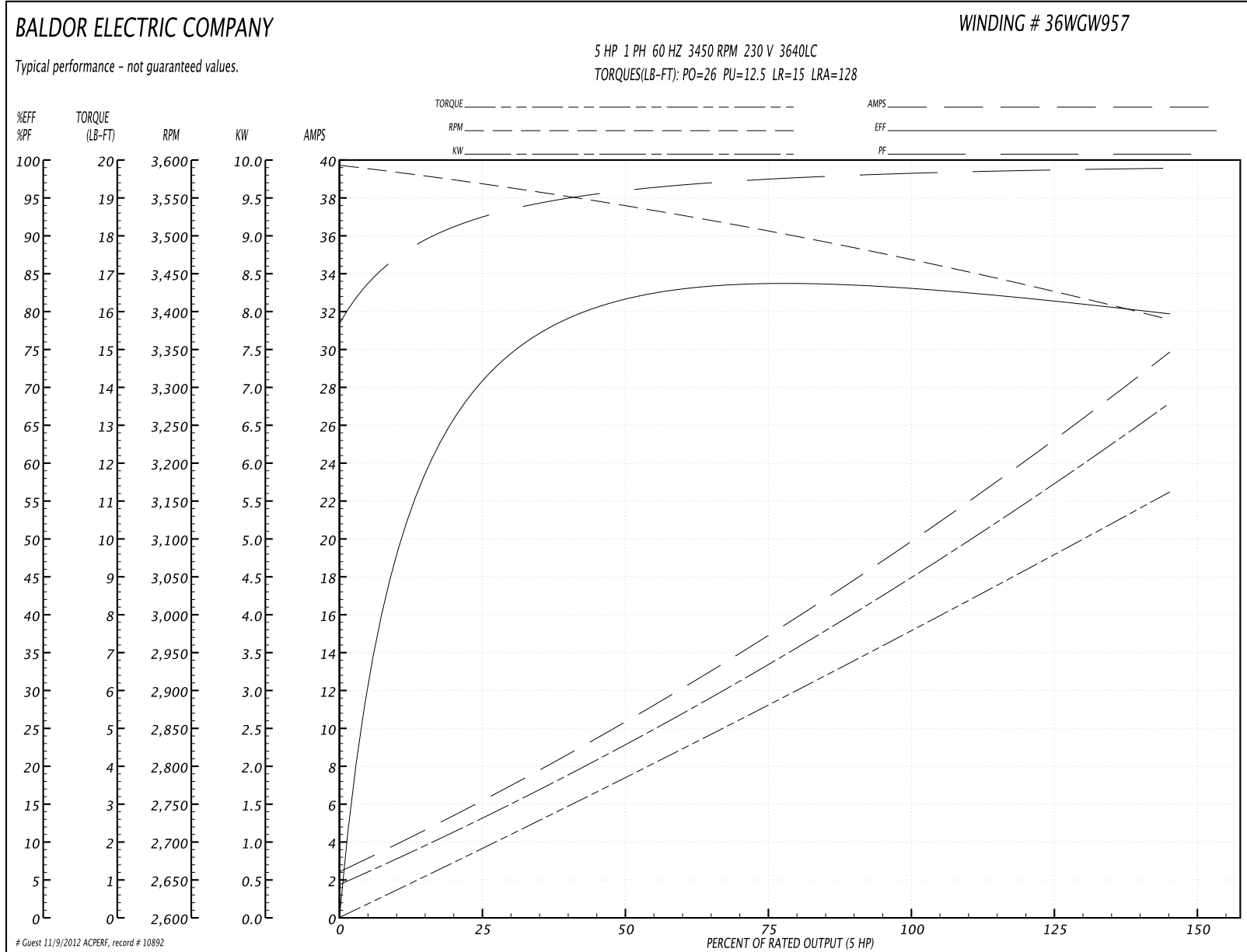
Parts List		
Part Number	Description	Quantity
SA037199	SA 36M38W957	1.000 EA
RA033224	RA 36M38W957	1.000 EA
OC3040F09SP	CYL OIL CAP 40MFD/370V	1.000 EA
TPBRT25DB	THERMAL 1PH 1.25 MAN 120CWELDED	1.000 EA
EC1161C06SP	ELEC CAP, 161-193 MFD, 250V, 2.06D X 4.	2.000 EA
TP5059	GENERIC THERMAL KIT	1.000 EA
36CB3004A02	36 CB 1.09 @ 6, 1.25 MTO @ 3	1.000 EA
36GS1000SP	GASKET-CONDUIT BOX, .06 THICK #SV-330 LE	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
HA6015A09	THERMAL RETAINER	1.000 EA
51XB1214A10	12-14 X 5/8HX WS SL SR TYBX	2.000 EA
36EP3104A01	FREP MACH W/GRSR, RAISED FH PADS	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000 EA
36GS3000	GASKET, CAPACITOR COVER LEXIDE	1.000 EA
10XN2520A12	O1/4-20X 3/4 HEX HEAD CAP	2.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 EA
36EP3301A01SP	PU ENDPLATE, ENCL. 182-4TC 206 BRG. W/GR	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
10XN2520A26	1/4-20X 1 5/8 HEX HD	4.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 EA
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000 EA
36FH4009A102SP	IEC FH GREASER W/AUTOPHERETIC PRIMER	1.000 EA

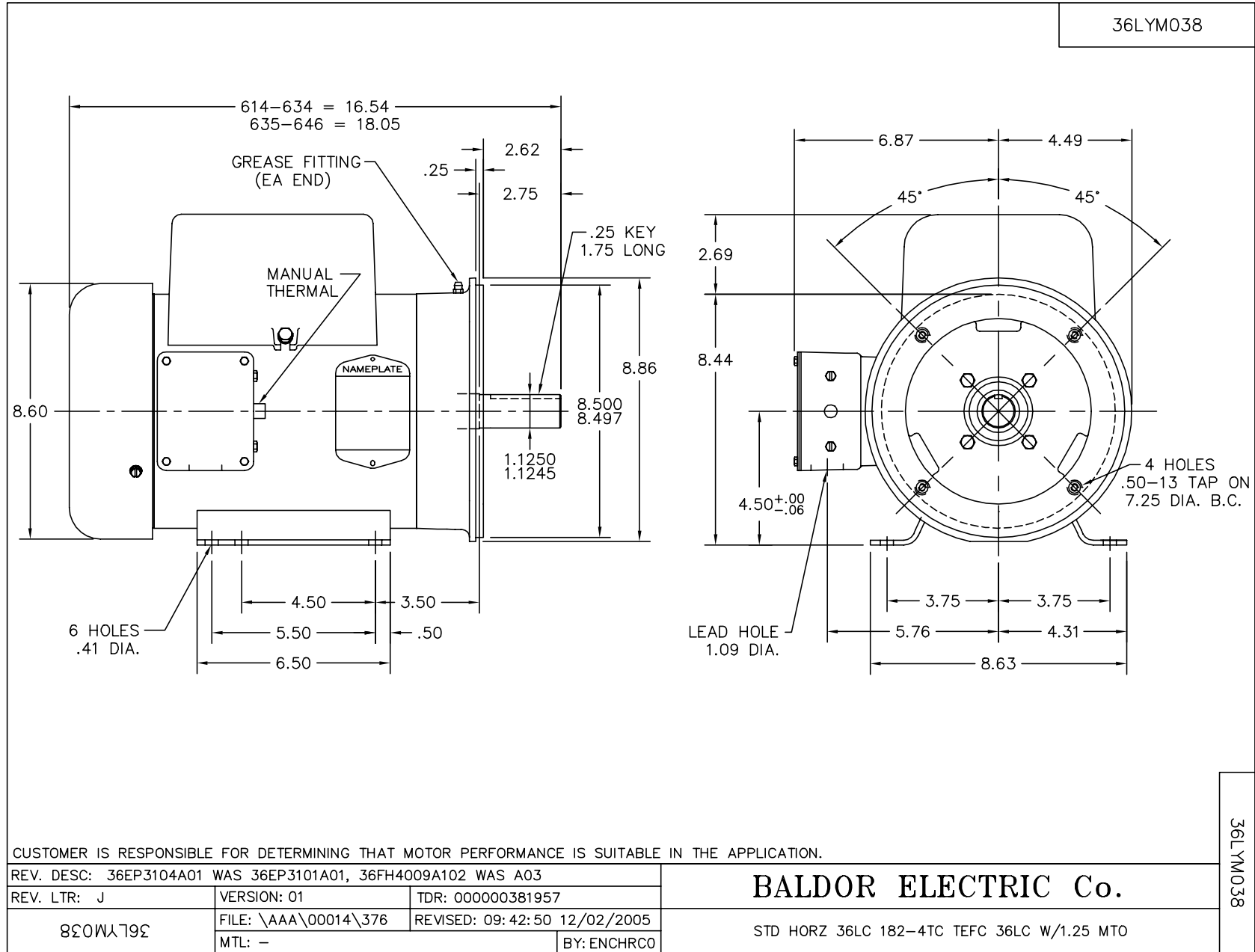
Parts List (continued)		
Part Number	Description	Quantity
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 EA
36CB4516	36 LIPPED CB LID	1.000 EA
37GS1001SP	GASKET, CONDUIT BOX LID, .06 THICK LEXID	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HW2501E16	3KEY, 1/4 SQ 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
WD1000A15	3-520132-2 AMP FLAG (4M/RL NON-CANC/NON-	2.000 EA
36CB3800SP	CAPACITOR COVER, CAST	1.000 EA
HA7010A01	CAPACITOR RETENTION CLAMP, 6.562 LONG	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.022 GA
HA3101A28	THRUBOLT 1/4-20 X 12.500 OHIO ROD	4.000 EA
35FN3002A04SP	EXFN, PLASTIC, 6.376 OD, .906 ID W/KEY	1.000 EA
SP5064A01	MODEL 36 TYPE LC STATIONARY SWITCH LEAD	1.000 EA
LB1087	LABEL,MANUAL RESET (ROLL LABEL)	1.000 EA
LB1119	WARNING LABEL	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0002	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, 5.0HP (Typical performance - Not guaranteed values)**

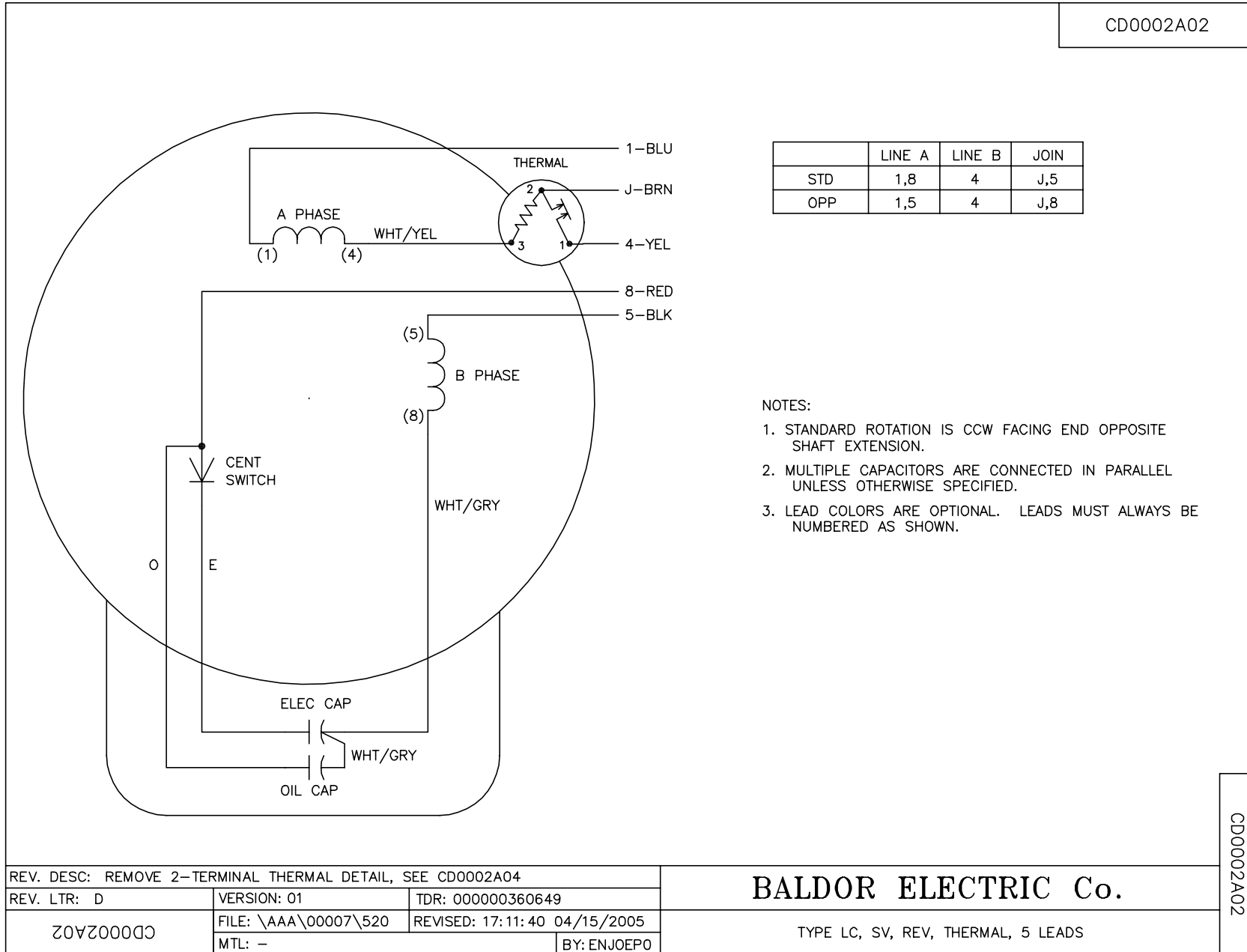
General Characteristics							
Full Load Torque:	7.5 LB-FT			Start Configuration:	DOL		
No-Load Current:	2.3 Amps			Break-Down Torque:	26.0 LB-FT		
Line-line Res. @ 25°C.:	0.38 Ohms A Ph / 1.02 Ohms B Ph			Pull-Up Torque:	12.5 LB-FT		
Temp. Rise @ Rated Load:	67 C			Locked-Rotor Torque:	15.0 LB-FT		
Temp. Rise @ S.F. Load:				Starting Current:	128.0 Amps		
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	98.0	98.0	98.0	98.0	97.0	97.0	0.0
Efficiency:	66.4	81.5	83.9	83.9	82.1	79.2	0.0
Speed:	3565.0	3539.0	3507.0	3472.0	3430.0	3389.0	0.0
Line Amperes:	6.5	10.4	14.9	19.6	24.7	29.9	0.0

Performance Graph at 230V, 60Hz, 5.0HP Typical performance - Not guaranteed values





CD0002A02



CD0002A02

REV. DESC: REMOVE 2-TERMINAL THERMAL DETAIL, SEE CD0002A04			
REV. LTR: D	VERSION: 01	TDR: 000000360649	
Z0VZ00003 CD0002A02	FILE: \AAA\00007\520	REVISED: 17:11:40 04/15/2005	
	MTL: -	BY: ENJOEPO	

**BALDOR ELECTRIC Co.**

TYPE LC, SV, REV, THERMAL, 5 LEADS