

# **BALDOR® • RELIANCE**

## **Product Information Packet**

# **L1410T**

**5HP,1725RPM,1PH,60HZ,184T,3640LC,OPEN,F1**

Part Detail							
Revision:	F	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3640LC	Elec. Spec:	36WG849	CD Diagram:	CD0017A02
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	36M925	Layout:	36LYM925
Frame:	184T	Mounting:	F1	Poles:	04	Created Date:	01-06-2010
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	09-10-2015
Leads:	2#10 A PH,2#16 B PH					Replaced By:	
Literature:		Elec. Diagram:					

<b>Nameplate NP1256L</b>							
CAT.NO.	L1410T						
SPEC.	36M925W849G1						
HP	5						
VOLTS	230						
AMP	23						
RPM	1725						
FRAME	184T	HZ	60	PH	1		
SER.F.	1.15	CODE	G	DES	L	CLASS	F
NEMA-NOM-EFF	82.5	PF	87				
RATING	40C AMB-CONT						
CC		USABLE AT 208V	25				
DE	6206	ODE	6205				
ENCL	OPEN	SN					

Parts List		
Part Number	Description	Quantity
SA189553	SA 36M925W849G1	1.000 EA
RA177263	RA 36M925W849G1	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
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
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
HA6362ZP	LIFTING LUG FOR 36 FRAME MOTORS.	2.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
MG1000G27	MED CHARCOAL METALLIC GREY	0.022 GA
LB1115N	LABEL,LIFTING DEVICE (ON ROLLS)	1.000 EA
HA3101A40	THRUBOLT 1/4-20 X 12.687	4.000 EA

<b>Parts List (continued)</b>		
<b>Part Number</b>	<b>Description</b>	<b>Quantity</b>
36CB5005A03	CAPACITOR BOX KIT, 36CB3800, OC3040F09,	1.000 EA
SP5172A05	37 TYPE LC TORQ STAT SW LEAD ASSEMBLY	1.000 EA
LB1119N	WARNING LABEL	1.000 EA
LC0017	CONN LABEL-1 PHASE-SINGLE VOLT-REV ROTNO	1.000 EA
NP1256L	ALUM UL CSA CC	1.000 EA
G7PA1000	PKG GRP, PRINT PK1034A06	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 11/14	1.000 EA

<b>Accessories</b>		
<b>Part Number</b>	<b>Description</b>	<b>Multiplier</b>
36-3403	C FACE KIT	A8
36EP1405A09SP	D-FLANGE KIT	A8

**AC Induction Motor Performance Data**

Record # 20861 - Typical performance - not guaranteed values

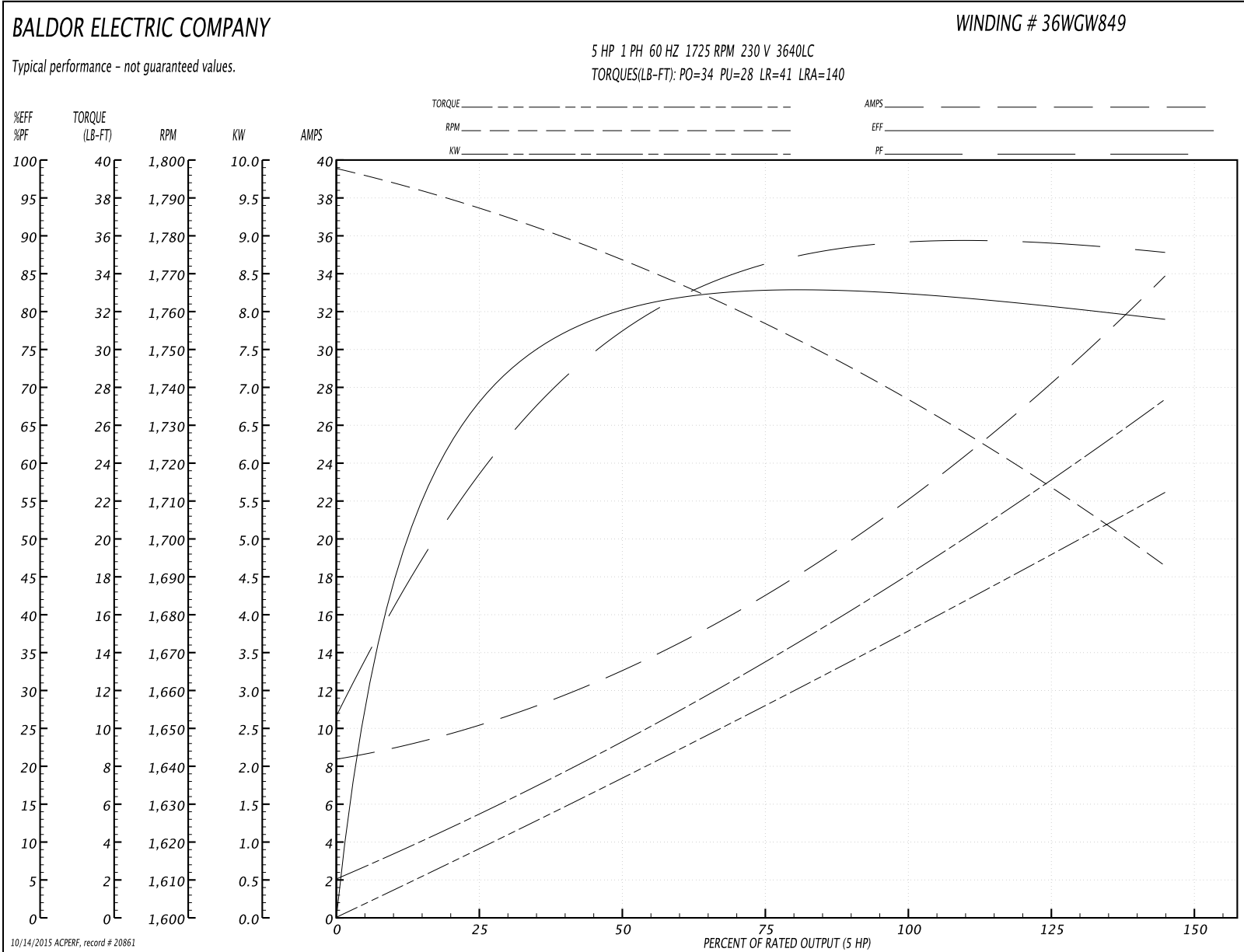
<b>Winding:</b> 36WGW849-R001	<b>Type:</b> 3640LC	<b>Enclosure:</b> OPEN
-------------------------------	---------------------	------------------------

Nameplate Data				230 V, 60 Hz: Single Voltage Motor	
Rated Output (HP)	5			Full Load Torque	15 LB-FT
Volts	230			Start Configuration	direct on line
Full Load Amps	23			Breakdown Torque	34 LB-FT
R.P.M.	1725			Pull-up Torque	28 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	41 LB-FT
NEMA Design Code	L	KVA Code	G	Starting Current	140 A
Service Factor (S.F.)	1.15			No-load Current	8.4 A
NEMA Nom. Eff.	82.5	Power Factor	87	Line-line Res. @ 25°C	0.45 Ω A Ph 1.56 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	90°C
S.F. Amps				Temp. Rise @ S.F. Load	110°C

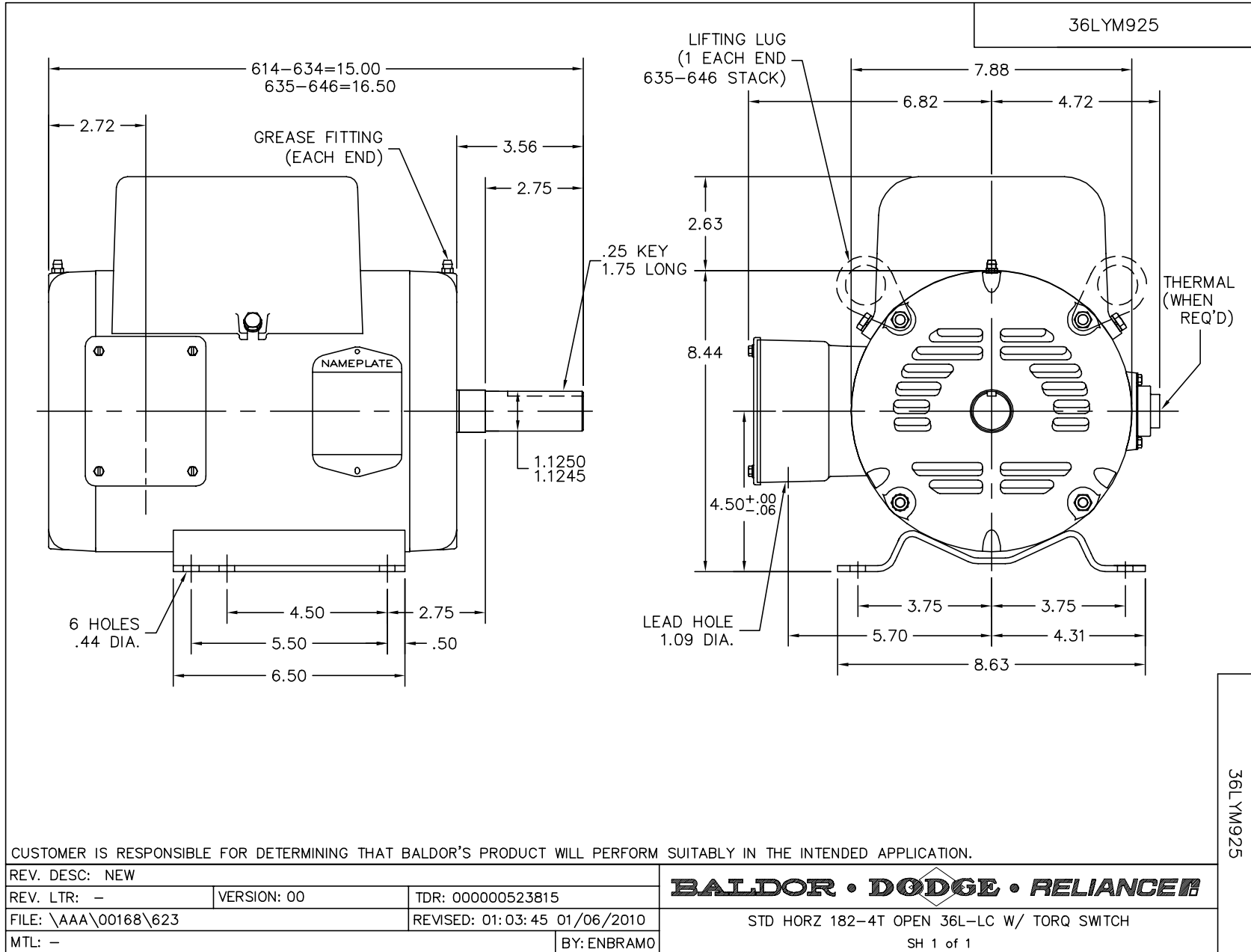
Load Characteristics 230 V, 60 Hz, 5 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	60	78	86	89	91	91	90
Efficiency	67.2	79.2	82.7	83	81.5	78.5	82.1
Speed	1786	1772	1756	1739	1718	1691	1726
Line amperes	10.1	13.2	17.2	21.9	27.4	34	25.2

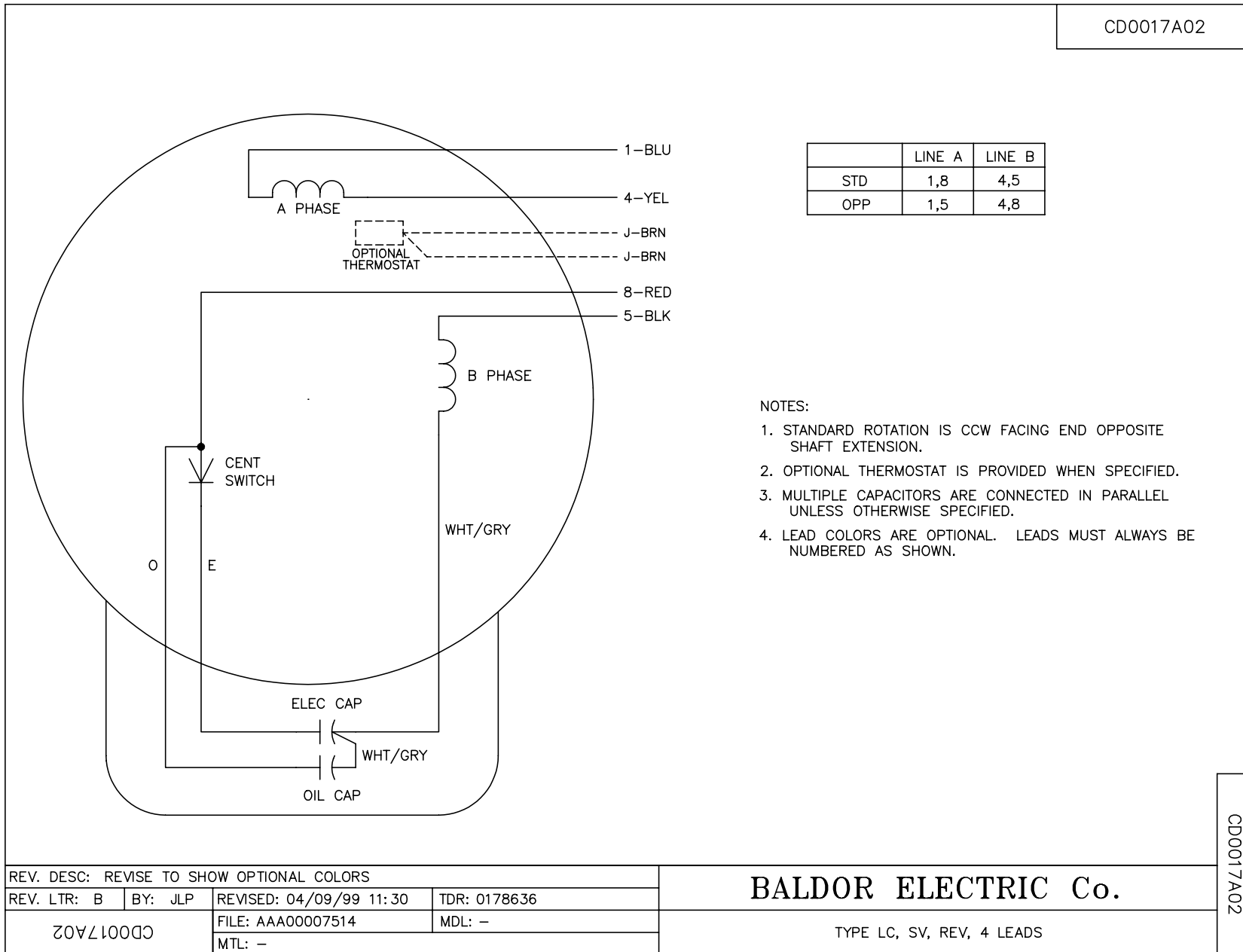
Performance Graph at 230V, 60Hz, 5.0HP Typical performance - Not guaranteed values







CD0017A02



CD0017A02

REV. DESC: REVISE TO SHOW OPTIONAL COLORS			
REV. LTR: B	BY: JLP	REVISED: 04/09/99 11:30	TDR: 0178636
20V71000		FILE: AAA00007514	MDL: -
		MTL: -	

**BALDOR ELECTRIC Co.**

TYPE LC, SV, REV, 4 LEADS