

BALDOR® • RELIANCE

Product Information Packet

VL1408T

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

Part Detail							
Revision:	AJ	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3634LC	Elec. Spec:	36WG2759	CD Diagram:	CD0016A01
Enclosure:	ODTF	Mfg Plant:		Mech. Spec:	36E001	Layout:	36LYE001
Frame:	184TC	Mounting:	F1	Poles:	04	Created Date:	
Base:	N	Rotation:	R	Insulation:	B	Eff. Date:	09-10-2015
Leads:	4#14 A PH,3#16 B PH					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L

CAT.NO.	VL1408T													
SPEC.	36E01-2759													
HP	3													
VOLTS	115/230													
AMP	32/16													
RPM	1725													
FRAME	184TC				HZ		60			PH	1			
SER.F.	1.15		CODE		H	DES		L	CLASS		B			
NEMA-NOM-EFF	78			PF		78								
RATING	40C AMB-CONT													
CC					USABLE AT 208V							16.8		
DE	6206				ODE		6205							
ENCL	ODTF		SN											

Parts List		
Part Number	Description	Quantity
SA034415	SA 36E01-2759	1.000 EA
RA030443	RA 36E01-2759	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	BRASS CUP WASHER, FOR #8 SCREW	1.000 EA
36FE3200A03	FREP ASSEMBLY FOR ROUTING PURPOSES	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
36PE3403A03	PUEP ASSEMBLY FOR ROUTING PURPOSES	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
36FN3000A01	EXFN, PLASTIC, 7.00 OD, .912 ID	1.000 EA
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000 EA
36FH4012A01	DRIP COVER NOTCH BOTTOM, W/ PRIMER	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 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
MJ1000A02	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
MG1000G27	MED CHARCOAL METALLIC GREY 400-0096	0.022 GA
HA3101A25	THRUBOLT 1/4-20 X 11.000 OHIO ROD	4.000 EA
36CB5010A01	CAPACITOR BOX KIT, 36CB3800, OC3020F12	1.000 EA
SP5172A38	37 TYPE LC TORQ STAT SWITCH LEAD ASSEMBL	1.000 EA
LB1119N	WARNING LABEL	1.000 EA
LC0016	CONNECTION LABEL	1.000 EA
NP1256L	ALUM UL CSA CC	1.000 EA
36PA1001	PKG GRP, PRINT PK1017A06	1.000 EA
PK3082	STYROFOAM CRADLE	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 11/14	1.000 EA

AC Induction Motor Performance Data

Record # 10535 - Typical performance - not guaranteed values

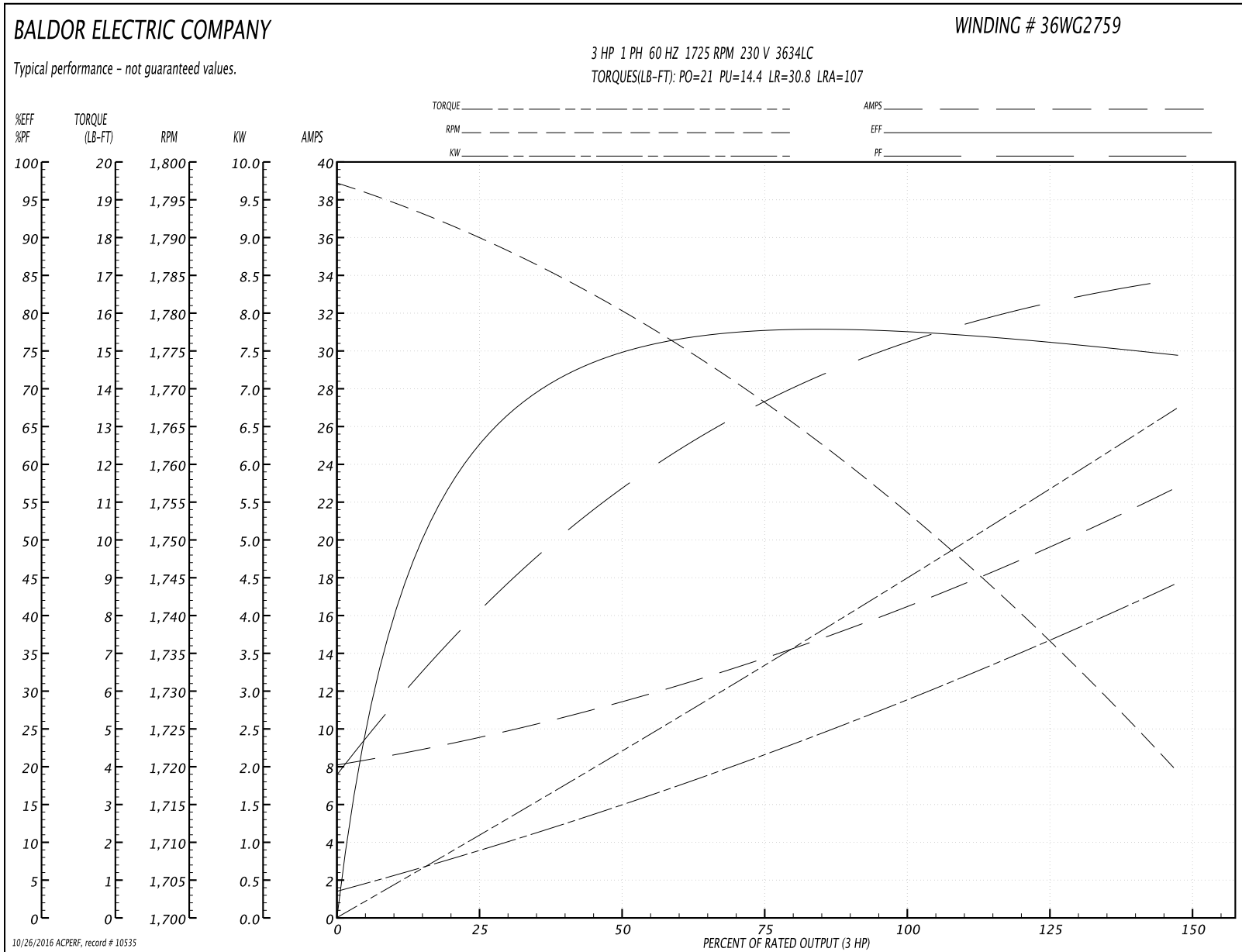
Winding: 36WG2759-R001	Type: 3634LC	Enclosure: OPEN
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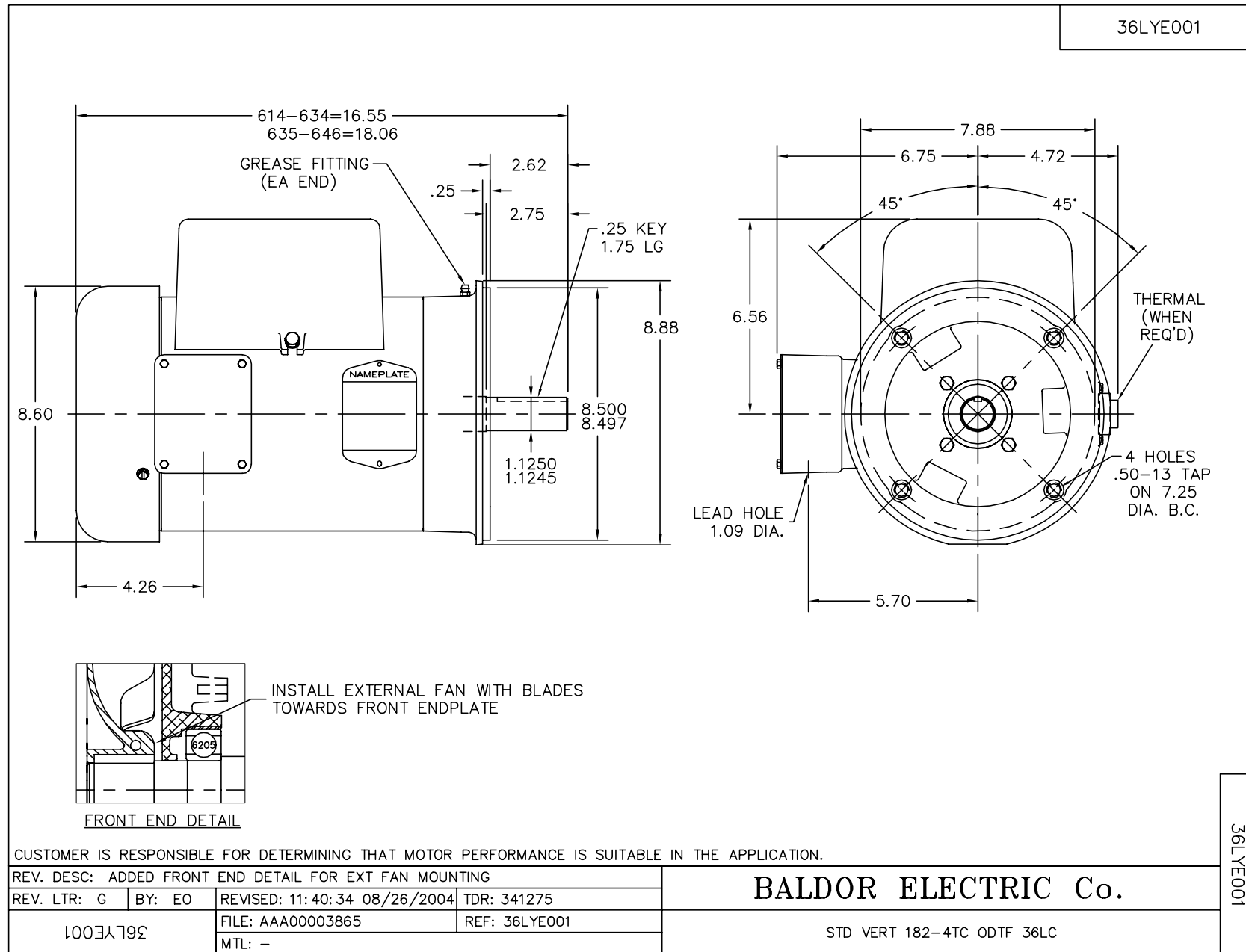
Nameplate Data				230 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	3			Full Load Torque	9 LB-FT
Volts	115/230			Start Configuration	direct on line
Full Load Amps	32/16			Breakdown Torque	21 LB-FT
R.P.M.	1725			Pull-up Torque	14.4 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	30.8 LB-FT
NEMA Design Code	L	KVA Code	H	Starting Current	107 A
Service Factor (S.F.)	1.15			No-load Current	8.5 A
NEMA Nom. Eff.	78	Power Factor	78	Line-line Res. @ 25°C	4.156 Ω A Ph 0.586 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	57°C
S.F. Amps				Temp. Rise @ S.F. Load	72°C

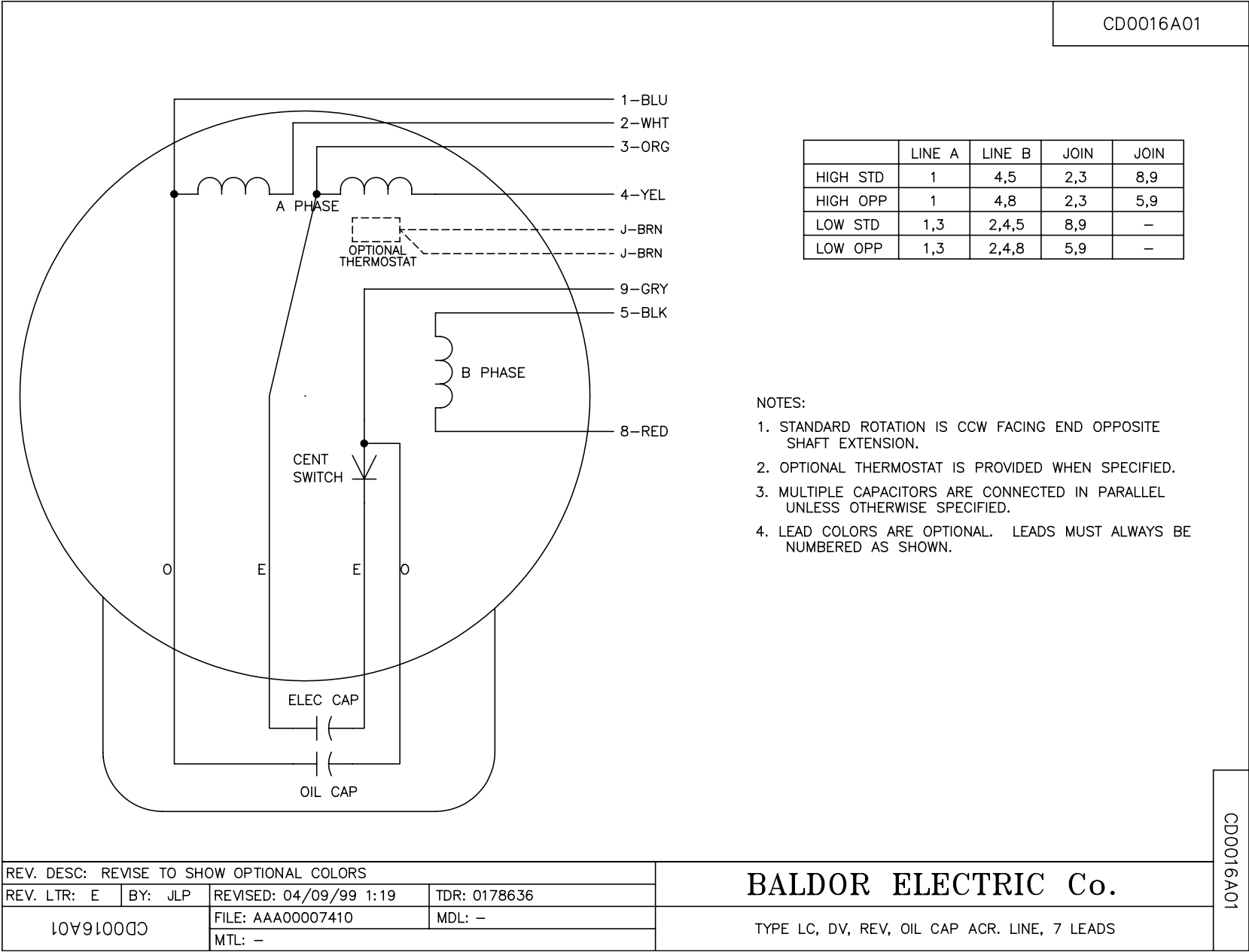
Load Characteristics 230 V, 60 Hz, 3 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	45	64	73	79	85	83	83
Efficiency	62.6	74.9	78.6	78	75	74.9	76.1
Speed	1788	1780	1769	1756	1733	1721	1742
Line amperes	9.1	10.4	15.8	16	19	23	17.8

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







REV. DESC: REVISE TO SHOW OPTIONAL COLORS

REV. LTR: E BY: JLP

REVISED: 04/09/99 1:19

TDR: 0178636

CD0016A01

FILE: AAA00007410

MDL: —

MTL: —

BALDOR ELECTRIC Co.

TYPE LC, DV, REV, OIL CAP ACR. LINE, 7 LEADS

CD0016A01