

BALDOR® • **RELIANCE**

Product Information Packet

L3609T

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

Part Detail							
Revision:	AC	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3634LC	Elec. Spec:	36WGY129	CD Diagram:	CD0055
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	36E004	Layout:	36LYE004
Frame:	184T	Mounting:	F1	Poles:	04	Created Date:	
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	09-10-2015
Leads:	4#14 A PH,2#16 B PH					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L										
CAT.NO.	L3609T									
SPEC.	36E04Y129									
HP	3									
VOLTS	115/230									
AMP	28/14									
RPM	1725									
FRAME	184T				HZ	60			PH	1
SER.F.	1.00		CODE	K	DES	L		CLASS	F	
NEMA-NOM-EFF	78		PF	85						
RATING	40C AMB-CONT									
CC								USABLE AT 208V	15.5	
DE	6206				ODE	6205				
ENCL	TEFC			SN						

AC Induction Motor Performance Data

Record # 11204 - Typical performance - not guaranteed values

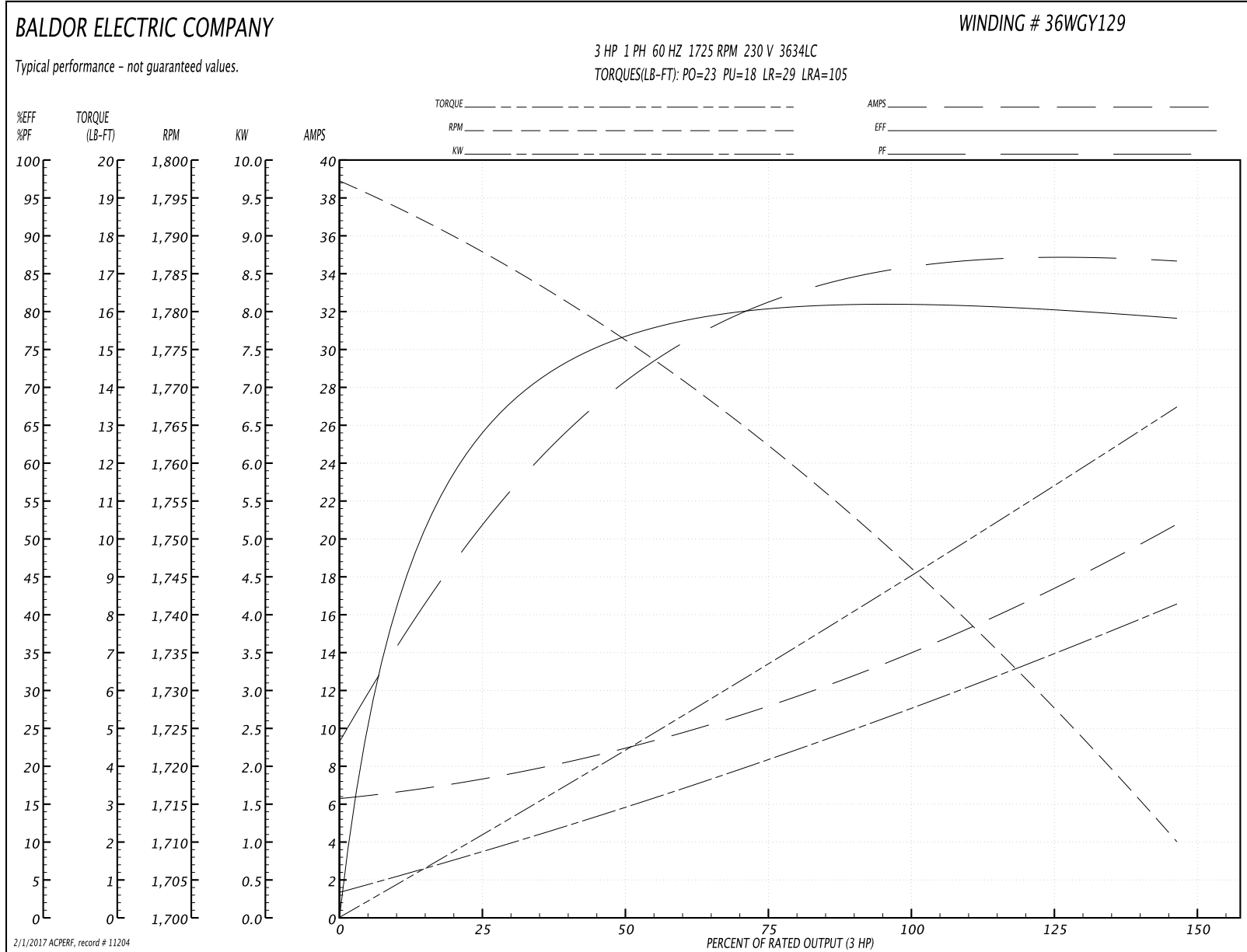
Winding: 36WGY129-R001	Type: 3634LC	Enclosure: TEFC
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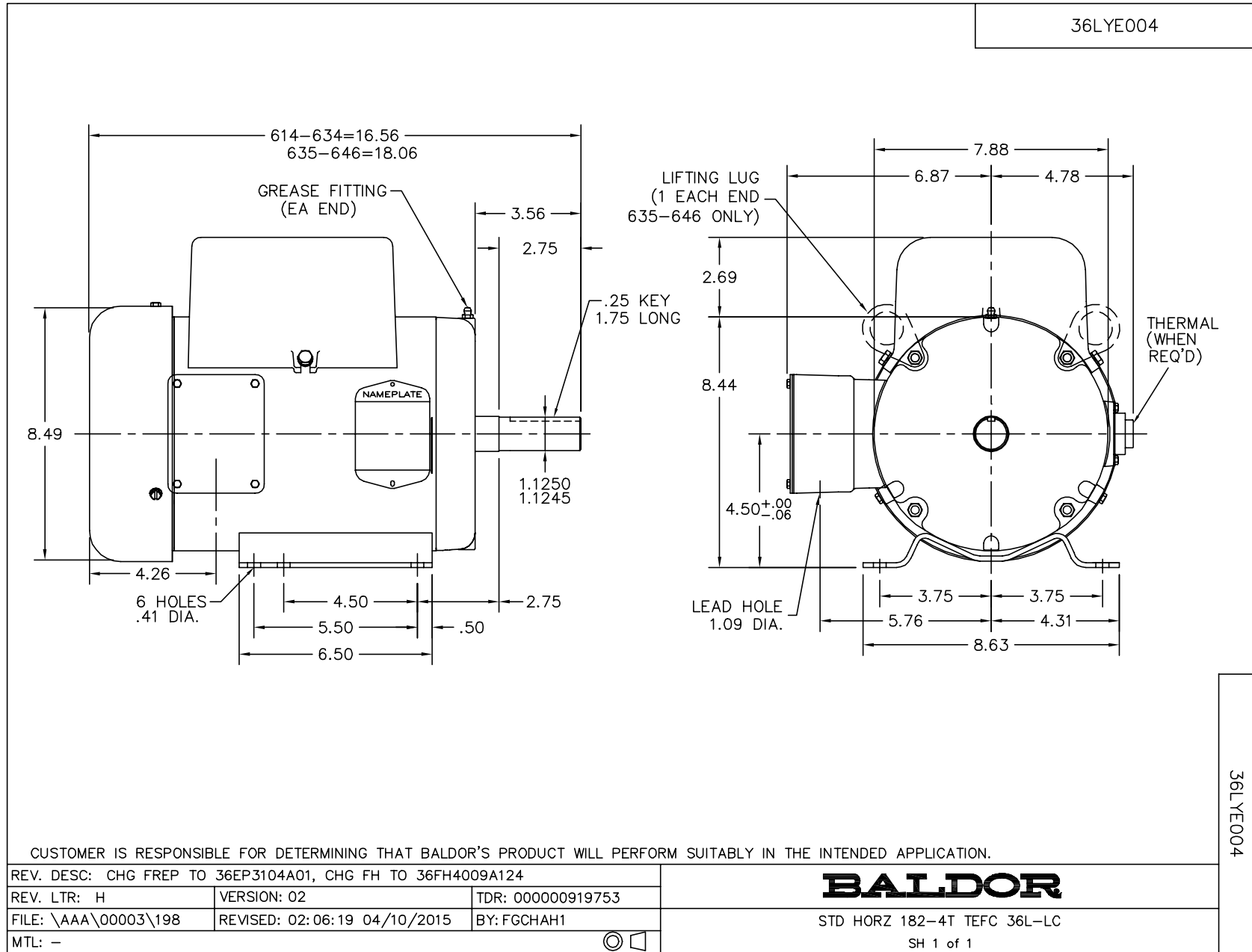
Nameplate Data				230 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	3			Full Load Torque	9 LB-FT
Volts	115/230			Start Configuration	direct on line
Full Load Amps	28/14			Breakdown Torque	23 LB-FT
R.P.M.	1725			Pull-up Torque	18 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	29 LB-FT
NEMA Design Code	L	KVA Code	K	Starting Current	105 A
Service Factor (S.F.)	1			No-load Current	6.35 A
NEMA Nom. Eff.	78	Power Factor	85	Line-line Res. @ 25°C	0.688 Ω A Ph 0.628 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	86°C

Load Characteristics 230 V, 60 Hz, 3 HP

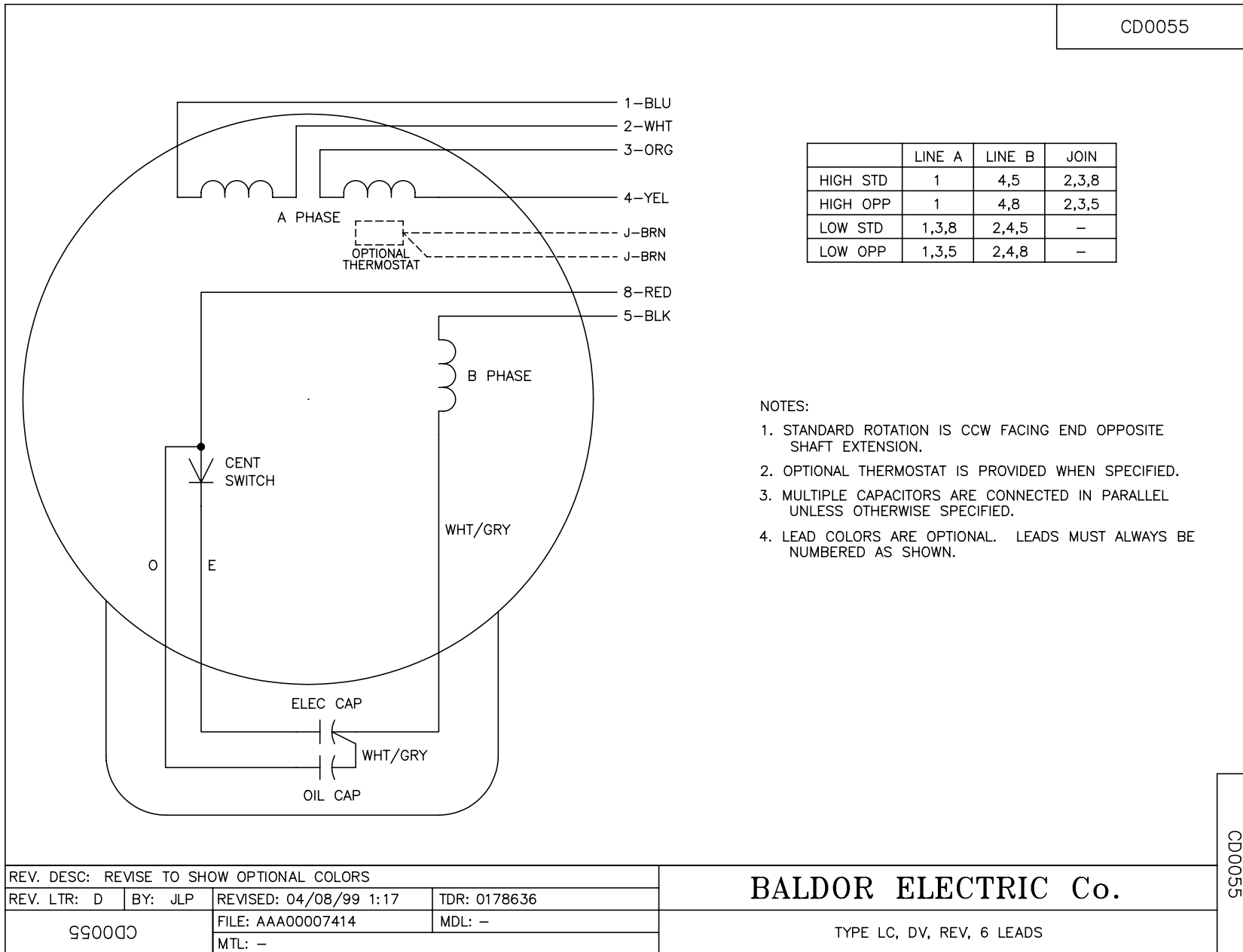
% of Rated Load	25	50	75	100	125	150
Power Factor	53	71	81	86	88	89
Efficiency	63.3	76.2	80.4	81.4	80.7	78.8
Speed	1787	1775	1762	1747	1730	1709
Line amperes	7.25	9	11.3	14	17.1	20.8

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





CD0055



REV. DESC: REVISE TO SHOW OPTIONAL COLORS			
REV. LTR: D	BY: JLP	REVISED: 04/08/99 1:17	TDR: 0178636
990000		FILE: AAA00007414	MDL: -
		MTL: -	

BALDOR ELECTRIC Co.

TYPE LC, DV, REV, 6 LEADS

CD0055