

BALDOR® • RELIANCE

Product Information Packet

L1408T

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

Part Detail							
Revision:	AN	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3634LC	Elec. Spec:	36WG2759	CD Diagram:	CD0016A01
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	36E002	Layout:	36LYE002
Frame:	184T	Mounting:	F1	Poles:	04	Created Date:	
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	01-19-2017
Leads:	4#14 A PH,3#16 B PH					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L

CAT.NO.	L1408T										
SPEC.	36E02-2759										
HP	3										
VOLTS	115/230										
AMP	32/16										
RPM	1725										
FRAME	184T				HZ		60			PH	1
SER.F.	1.15			CODE	H	DES		L	CLASS F		
NEMA-NOM-EFF	78			PF	78						
RATING	40C AMB-CONT										
CC				USABLE AT 208V							16.8
DE	6206			ODE		6205					
ENCL	OPEN			SN							

AC Induction Motor Performance Data

Record # 61451 - Typical performance - not guaranteed values

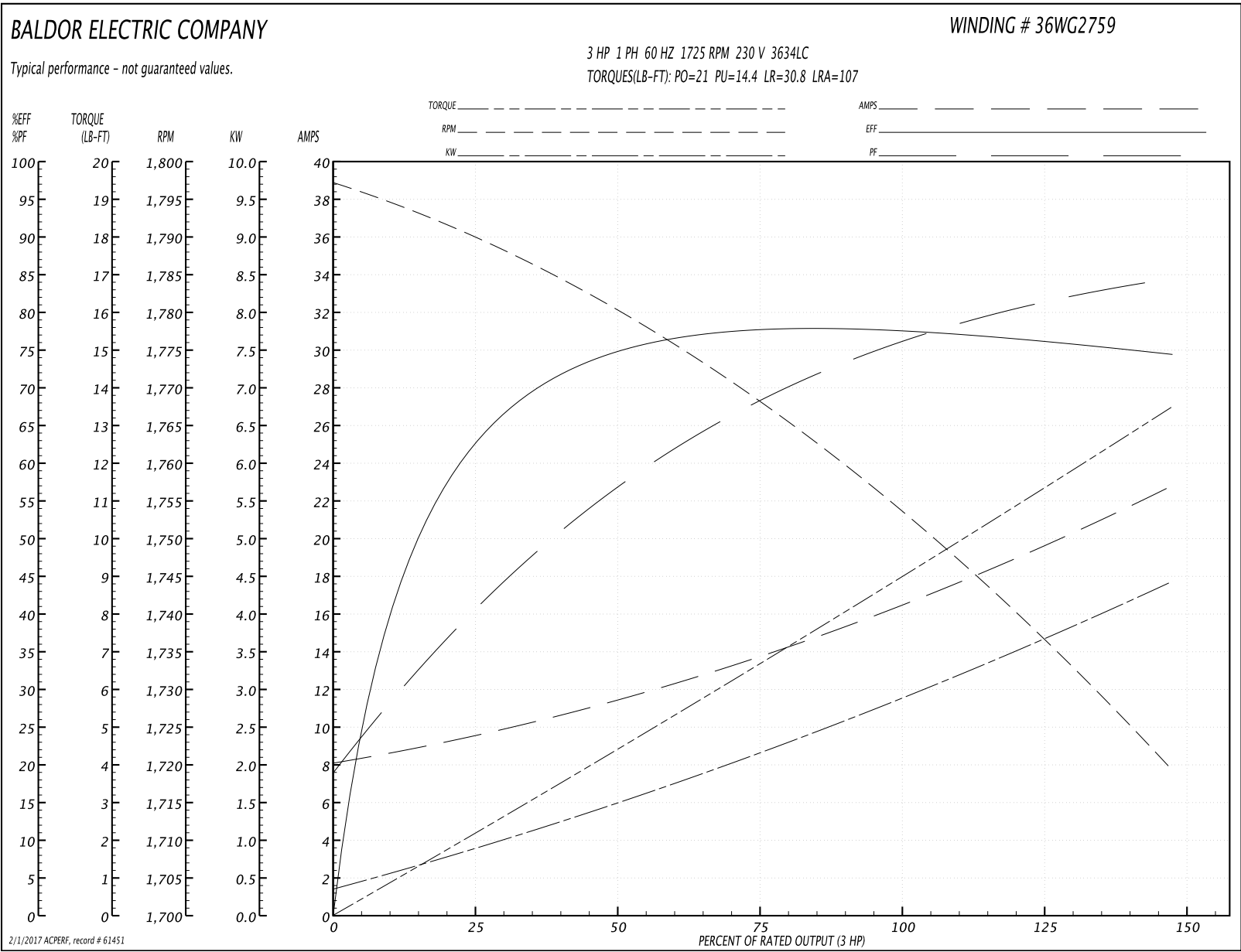
Winding: 36WG2759-R003	Type: 3634LC	Enclosure: OPEN
-------------------------------	---------------------	------------------------

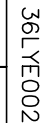
Nameplate Data				230 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	3			Full Load Torque	9 LB-FT
Volts	115/230			Start Configuration	direct on line
Full Load Amps	32/16			Breakdown Torque	21 LB-FT
R.P.M.	1725			Pull-up Torque	14.4 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	30.8 LB-FT
NEMA Design 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

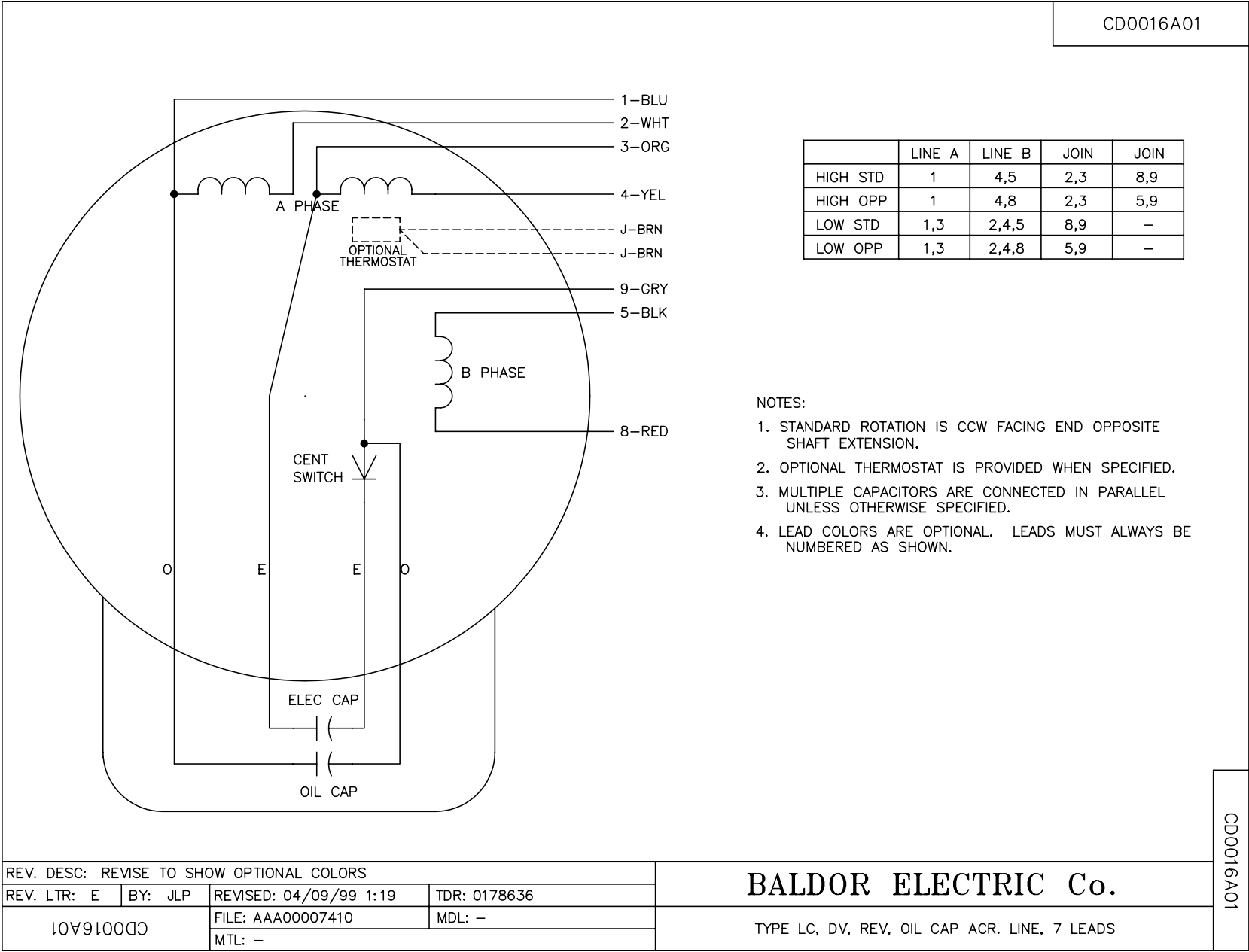
Load Characteristics 230 V, 60 Hz, 3 HP

% 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