

BALDOR® • RELIANCE

Product Information Packet

L1405T

2HP,1725RPM,1PH,60HZ,182T,3628L,OPEN,F1

Part Detail							
Revision:	AB	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3628L	Elec. Spec:	36WG0117	CD Diagram:	CD0001
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	36D001	Layout:	36LYD001
Frame:	182T	Mounting:	F1	Poles:	04	Created Date:	
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	01-19-2017
Leads:	4#14 A PH,2#16 B PH					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L

CAT.NO.	L1405T											
SPEC.	36D01-117											
HP	2											
VOLTS	115/230											
AMP	24/12											
RPM	1725											
FRAME	182T				HZ		60			PH	1	
SER.F.	1.15			CODE	J	DES		L	CLASS	F		
NEMA-NOM-EFF	71			PF	68							
RATING	40C AMB-CONT											
CC				USABLE AT 208V							12.6	
DE	6206			ODE		6205						
ENCL	OPEN		SN									

AC Induction Motor Performance Data

Record # 61432 - Typical performance - not guaranteed values

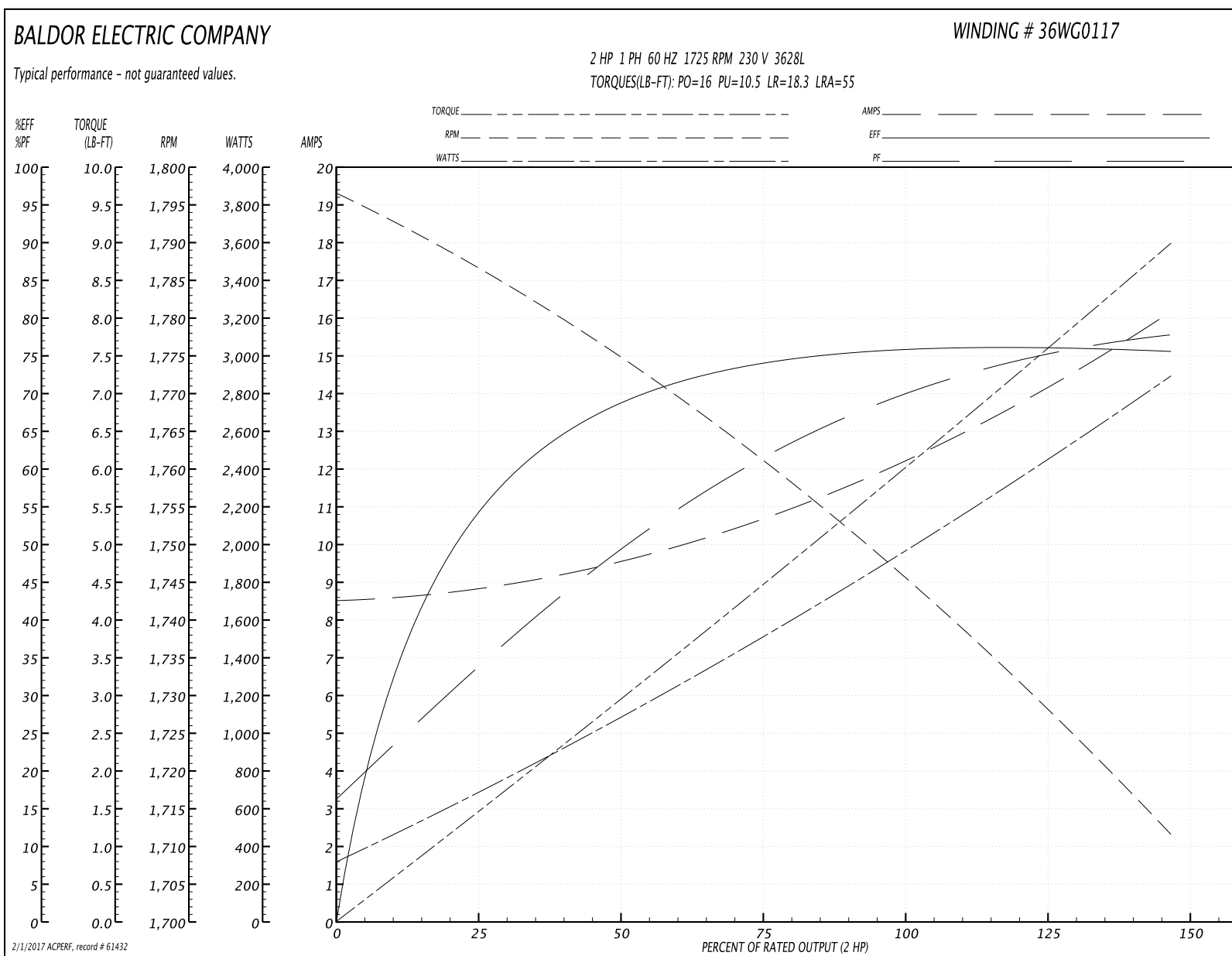
Winding: 36WG0117-R003	Type: 3628L	Enclosure: OPEN
-------------------------------	--------------------	------------------------

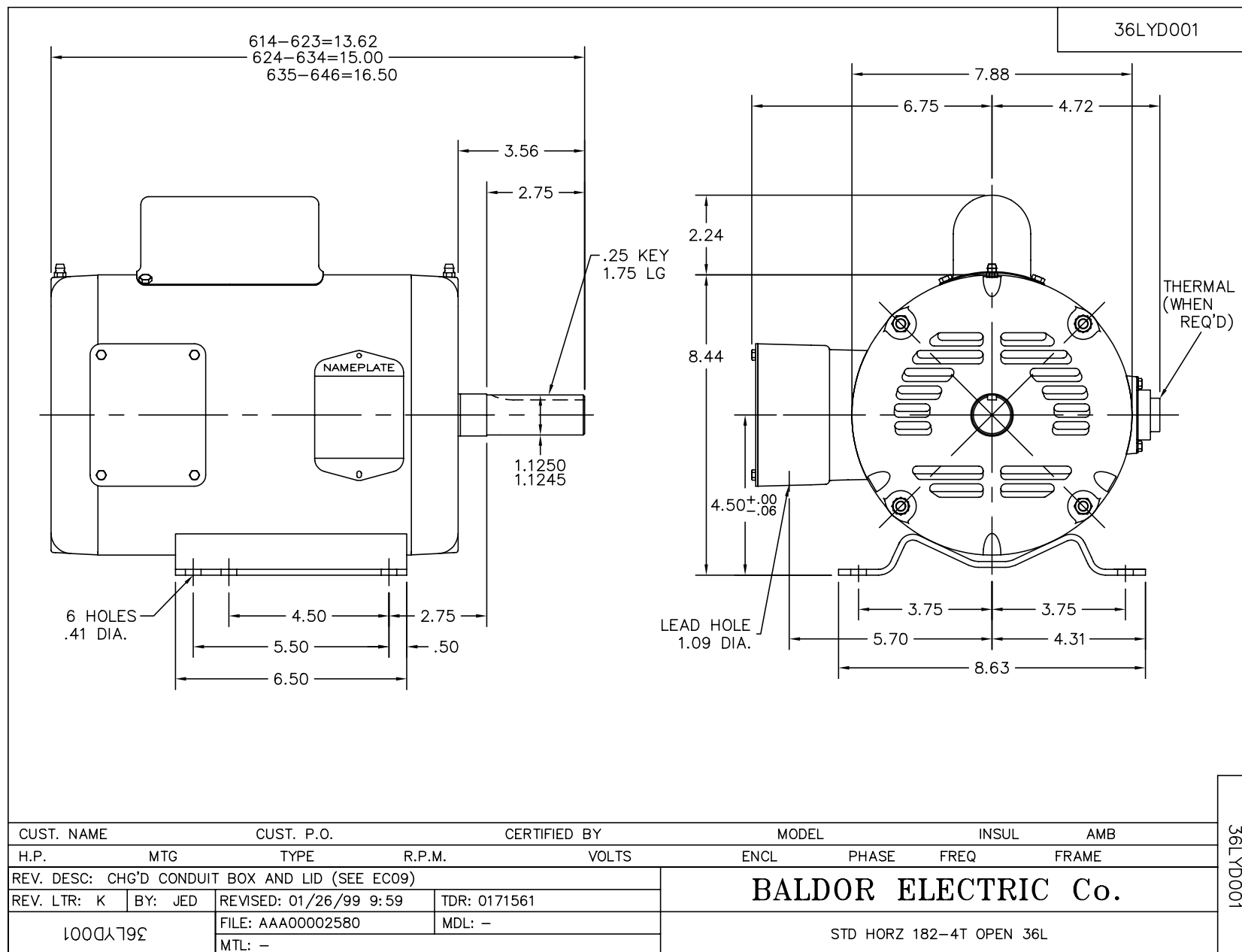
Nameplate Data				230 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	2			Full Load Torque	6 LB-FT
Volts	115/230			Start Configuration	direct on line
Full Load Amps	24/12			Breakdown Torque	16 LB-FT
R.P.M.	1725			Pull-up Torque	10.5 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	18.3 LB-FT
NEMA Design Code	L	KVA Code	J	Starting Current	55 A
Service Factor (S.F.)	1.15			No-load Current	8.5 A
NEMA Nom. Eff.	71	Power Factor	68	Line-line Res. @ 25°C	0.223 Ω A Ph 0.977 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	64°C
S.F. Amps				Temp. Rise @ S.F. Load	82°C

Load Characteristics 230 V, 60 Hz, 2 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	34	49	61	70	76	80	74
Efficiency	54.4	68.6	74	76.1	76.3	75.4	76.2
Speed	1786	1774	1761	1746	1730	1711	1736
Line amperes	8.85	9.6	10.7	12.2	14	16.2	13.3

Performance Graph at 230V, 60Hz, 2.0HP Typical performance - Not guaranteed values





CD0001

