

BALDOR® • RELIANCE

Product Information Packet

L3515

2HP,3450RPM,1PH,60HZ,56/56H,3535L,TEFC

Part Detail							
Revision:	AV	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3535L	Elec. Spec:	35WG0506	CD Diagram:	CD0001
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	35J383	Layout:	35LYJ383
Frame:	56/56H	Mounting:	F1	Poles:	02	Created Date:	06-22-2007
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	01-04-2017
Leads:	4#14 A PH,2#18 B PH					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L

CAT.NO.	L3515									
SPEC.	35J383-506									
HP	2									
VOLTS	115/230									
AMP	23/11.5									
RPM	3450									
FRAME	56/56H				HZ60				PH1	
SER.F.	1.15		CODEK		DES L			CLASSF		
NEMA-NOM-EFF	74			PF82						
RATING	40C AMB-CONT									
CC					USABLE AT 208V12					
DE	6205				ODE6203					
ENCL	TEFC		SN							

AC Induction Motor Performance Data

Record # 20312 - Typical performance - not guaranteed values

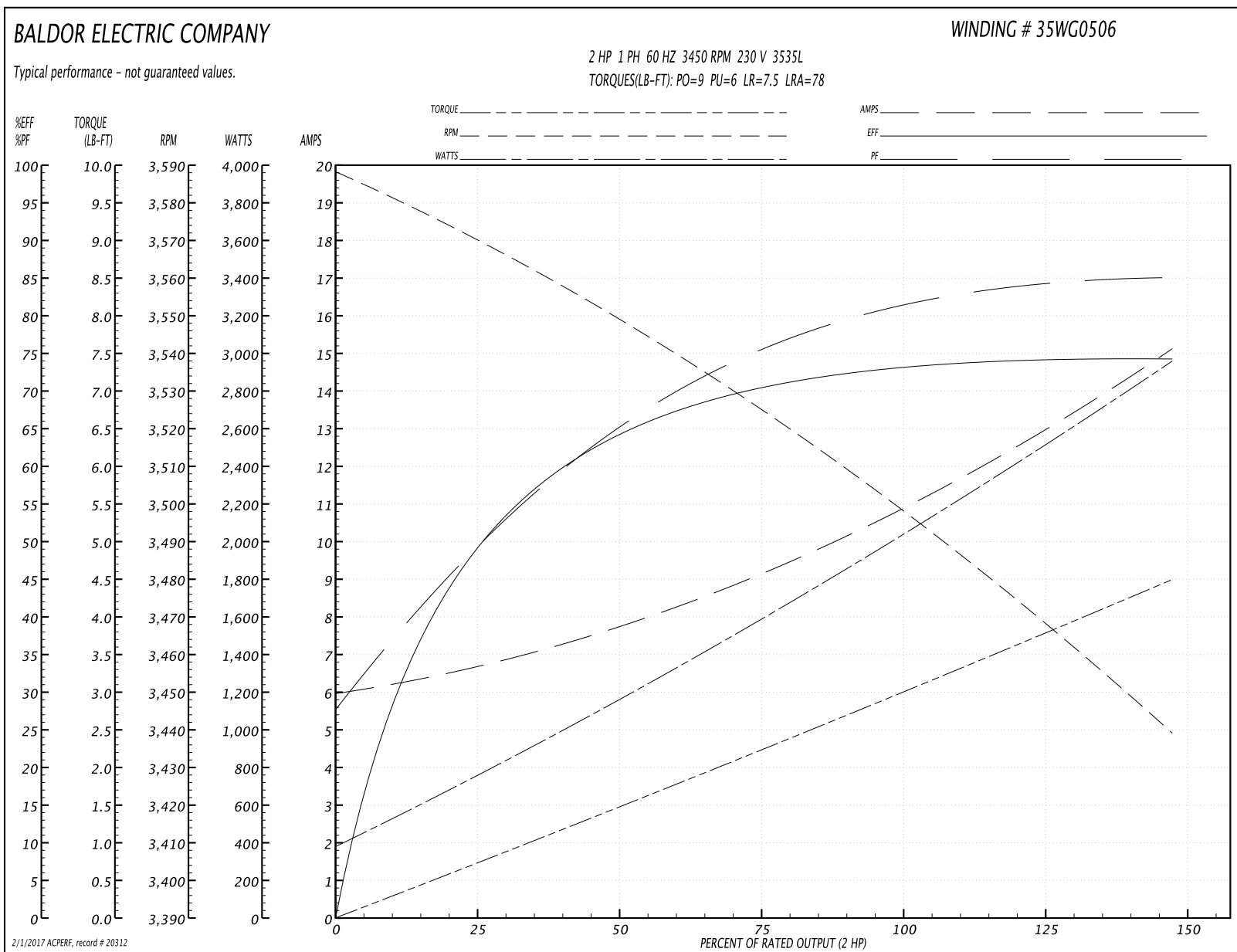
Winding: 35WG0506-R001	Type: 3535L	Enclosure: TEFC
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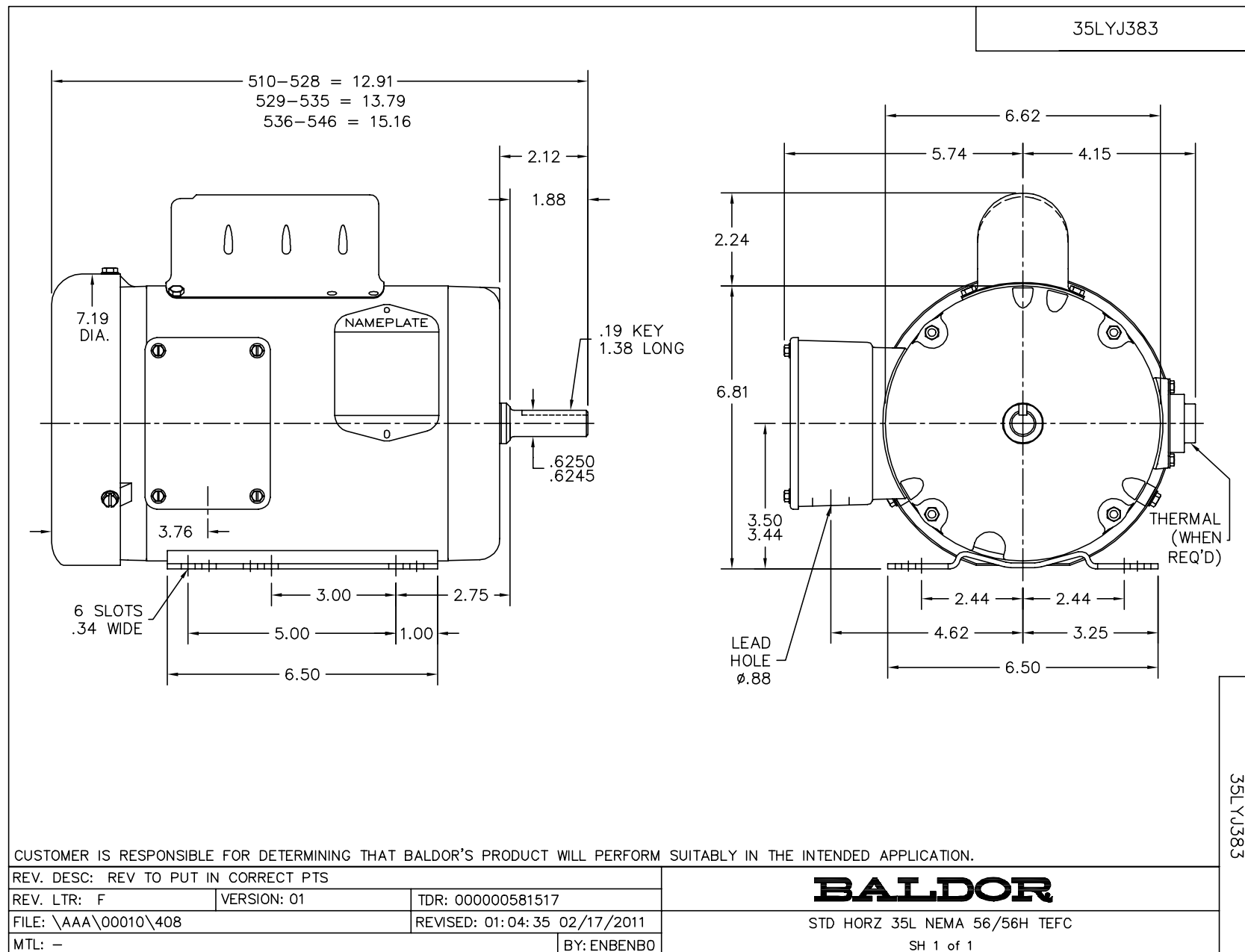
Nameplate Data				230 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	2			Full Load Torque	3 LB-FT
Volts	115/230			Start Configuration	direct on line
Full Load Amps	23/11.5			Breakdown Torque	9 LB-FT
R.P.M.	3450			Pull-up Torque	6 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	7.5 LB-FT
NEMA Design Code	L	KVA Code	K	Starting Current	78 A
Service Factor (S.F.)	1.15			No-load Current	6 A
NEMA Nom. Eff.	74	Power Factor	82	Line-line Res. @ 25°C	0.864 Ω A Ph 1.26 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	82°C
S.F. Amps				Temp. Rise @ S.F. Load	91°C

Load Characteristics 230 V, 60 Hz, 2 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	50	65	75	81	85	87	83
Efficiency	49.1	64.2	70.5	73.4	74.3	74.1	73.9
Speed	3569	3548	3524	3499	3471	3438	3482
Line amperes	6.65	7.75	9.2	10.9	12.9	15.1	12.1

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





CD0001

