

BALDOR® • RELIANCE

Product Information Packet

L1318T

1HP,1725RPM,1PH,60HZ,143T,3528L,OPEN,F1

Part Detail							
Revision:	J	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3528L	Elec. Spec:	35WG0488	CD Diagram:	CD0001
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	35DD001	Layout:	35LYDD001
Frame:	143T	Mounting:	F1	Poles:	04	Created Date:	12-22-2009
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	01-24-2017
Leads:	6#18					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L

CAT.NO.	L1318T										
SPEC.	35DD001-0488										
HP	1										
VOLTS	115/230										
AMP	12.4/6.2										
RPM	1725										
FRAME	143T				HZ		60		PH	1	
SER.F.	1.15			CODE	K	DES	L	CLASS	F		
NEMA-NOM-EFF	67			PF	68						
RATING	40C AMB-CONT										
CC				USABLE AT 208V						6.5	
DE	6205			ODE	6203						
ENCL	OPEN		SN								

AC Induction Motor Performance Data

Record # 61608 - Typical performance - not guaranteed values

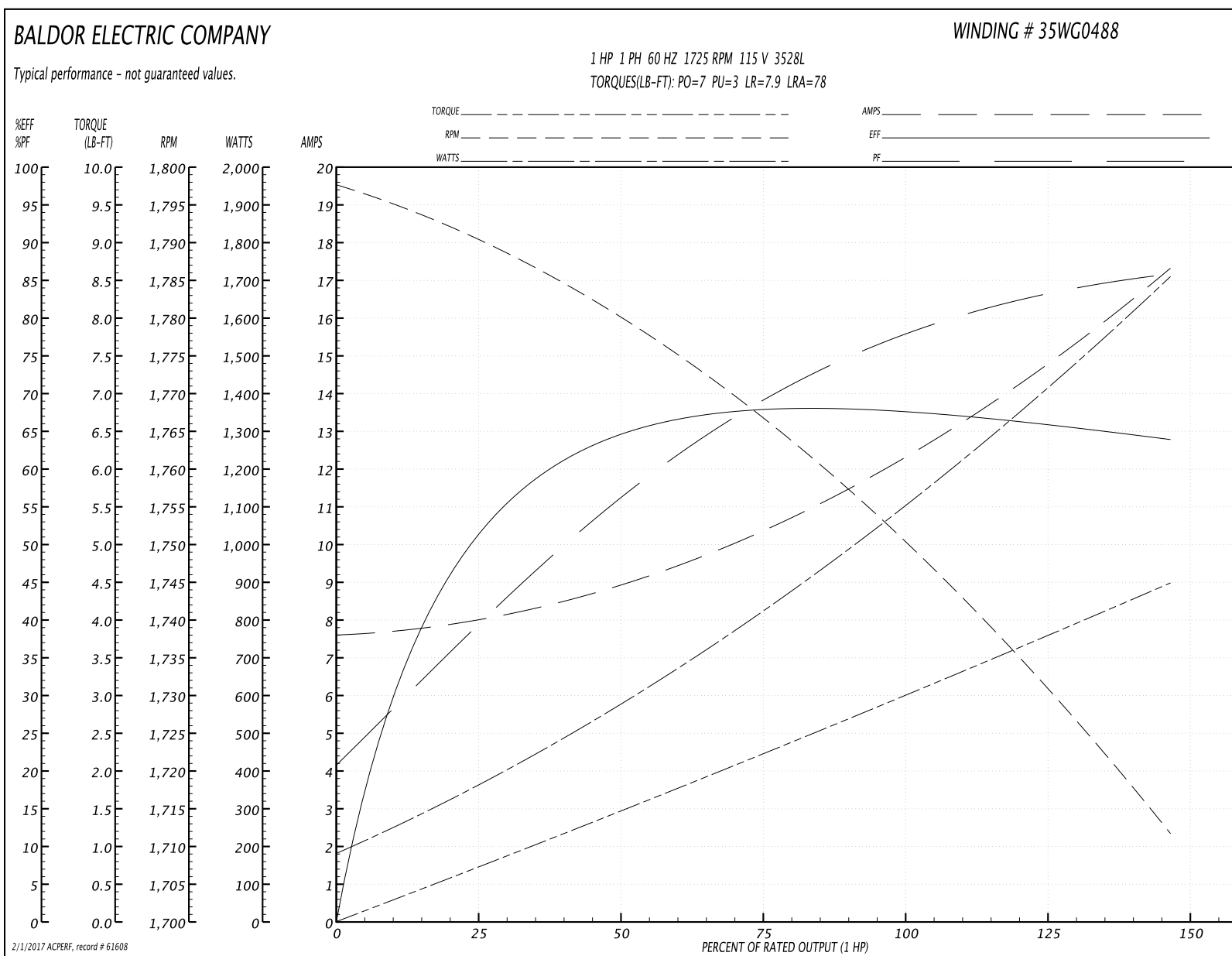
Winding: 35WG0488-R007	Type: 3528L	Enclosure: OPEN
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Nameplate Data				115 V, 60 Hz: Low Voltage Connection	
Rated Output (HP)	1			Full Load Torque	3 LB-FT
Volts	115/230			Start Configuration	direct on line
Full Load Amps	12.4/6.2			Breakdown Torque	7 LB-FT
R.P.M.	1725			Pull-up Torque	3 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	7.9 LB-FT
NEMA Design Code	L	KVA Code	K	Starting Current	78 A
Service Factor (S.F.)	1.15			No-load Current	7.6 A
NEMA Nom. Eff.	67	Power Factor	68	Line-line Res. @ 25°C	0.684 Ω A Ph 1.69 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	42°C
S.F. Amps				Temp. Rise @ S.F. Load	48°C
				Locked-rotor Power Factor	93.3
				Rotor inertia	0.166 LB-FT ²

Load Characteristics 115 V, 60 Hz, 1 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	41	57	70	76	83	86	80
Efficiency	51	64.5	67	68.5	66.5	63.5	67.3
Speed	1790	1780	1765	1750	1735	1710	1741
Line amperes	8	9	10.4	12.4	14.5	17.4	13.7

Performance Graph at 115V, 60Hz, 1.0HP Typical performance - Not guaranteed values



2/1/2017 ACPERF, record # 61608

