

BALDOR® • RELIANCE

Product Information Packet

JML1409T

5HP,3500RPM,1PH,60HZ,184JM,3634LC,OPEN,F

Part Detail							
Revision:	D	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3634LC	Elec. Spec:	36WGW925	CD Diagram:	CD0017A02
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	36M927	Layout:	36LYM927
Frame:	184JM	Mounting:	F1	Poles:	02	Created Date:	01-07-2010
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	04-02-2015
Leads:	2#12 A PH,2#16 B PH					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L							
CAT.NO.	JML1409T						
SPEC.	36M927W925G1						
HP	5						
VOLTS	230						
AMP	21.5						
RPM	3500						
FRAME	184JM	HZ	60	PH	1		
SER.F.	1.15	CODE	H	DES	L	CLASS	F
NEMA-NOM-EFF	80	PF	96				
RATING	40C AMB-CONT						
CC		USABLE AT 208V	23				
DE	6207	ODE	6205				
ENCL	OPEN	SN					

AC Induction Motor Performance Data

Record # 10884 - Typical performance - not guaranteed values

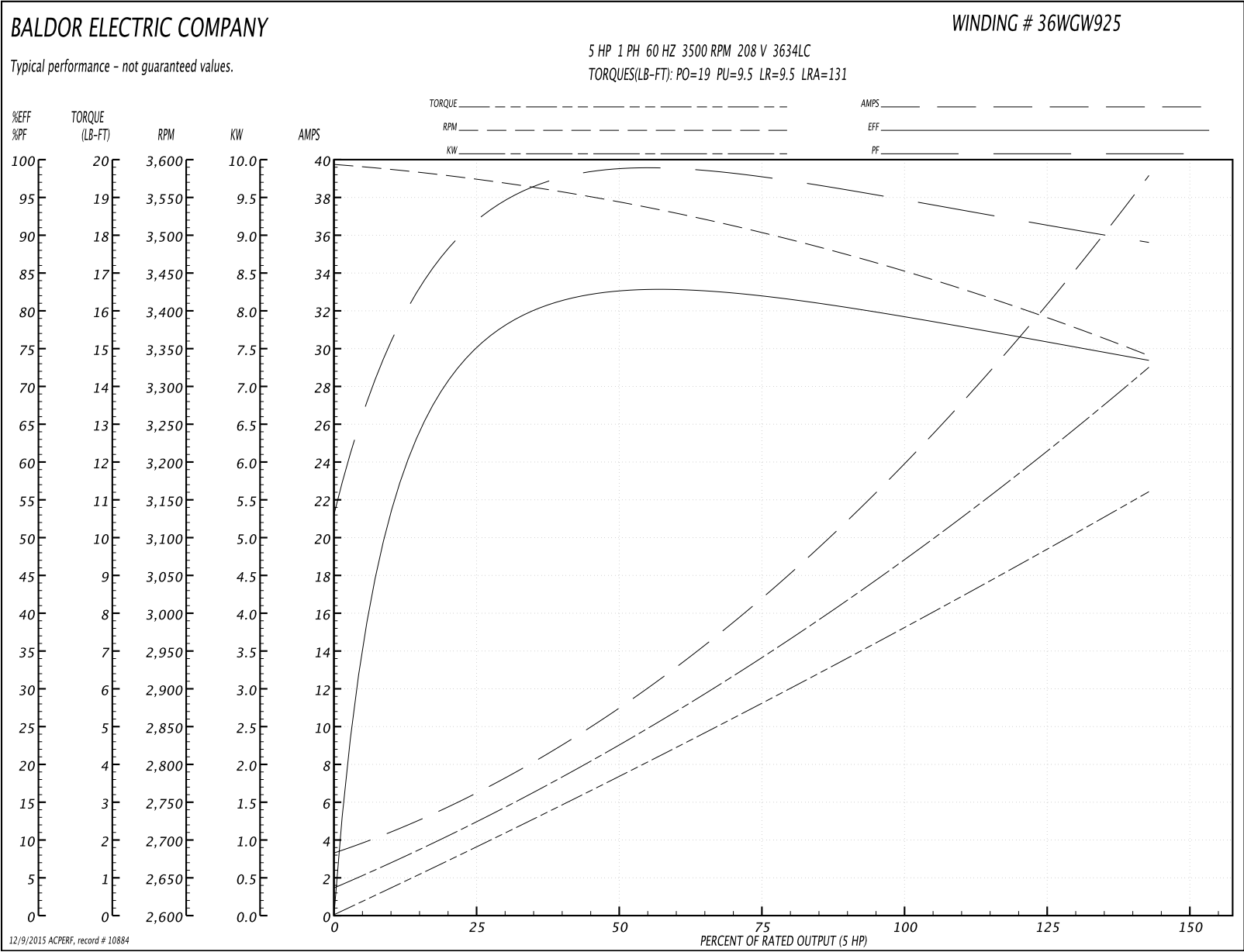
Winding: 36WGW925-R002	Type: 3634LC	Enclosure: OPEN
-------------------------------	---------------------	------------------------

Nameplate Data				208 V, 60 Hz: Single Voltage Motor	
Rated Output (HP)	5			Full Load Torque	7.5 LB-FT
Volts	230			Start Configuration	direct on line
Full Load Amps	21.5			Breakdown Torque	19 LB-FT
R.P.M.	3500			Pull-up Torque	9.5 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	9.5 LB-FT
NEMA Design Code	L	KVA Code	H	Starting Current	131 A
Service Factor (S.F.)	1.15			No-load Current	3 A
NEMA Nom. Eff.	80	Power Factor	96	Line-line Res. @ 25°C	0.303 Ω A Ph 0.91 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	77°C
S.F. Amps				Temp. Rise @ S.F. Load	100°C

Load Characteristics 208 V, 60 Hz, 5 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	90	95	96	96	96	95	96
Efficiency	71.4	80.7	81.8	80.5	77.5	72.6	78.7
Speed	3570	3538	3502	3461	3407	3334	3429
Line amperes	6.7	11.6	17.1	23.1	30.2	39.9	27.4

Performance Graph at 208V, 60Hz, 5.0HP Typical performance - Not guaranteed values



12/9/2015 ACPERF, record # 10884

