

BALDOR® • RELIANCE

Product Information Packet

GDL1615T

16HP,1760RPM,1PH,60HZ,256TZ,3956LC,OPSB

Part Detail							
Revision:	T	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3956LC	Elec. Spec:	39WGX522	CD Diagram:	CD1084
Enclosure:	OPSB	Mfg Plant:		Mech. Spec:	39T017	Layout:	39LYT017
Frame:	256TZ	Mounting:	F1	Poles:	04	Created Date:	10-03-2005
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	03-12-2015
Leads:	2#6 A PH,2#12 B PH					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L							
CAT.NO.	GDL1615T						
SPEC.	39T017X522						
HP	16						
VOLTS	208-230						
AMP	71-62						
RPM	1760						
FRAME	256TZ	HZ	60	PH	1		
SER.F.	1.00	CODE	L	DES	L	CLASS	F
NEMA-NOM-EFF	86.5	PF	96				
RATING	40C AMB-CONT						
CC		USABLE AT 208V					
DE	6309	ODE	6307				
ENCL	OPSB	SN					

AC Induction Motor Performance Data

Record # 37180 - Typical performance - not guaranteed values

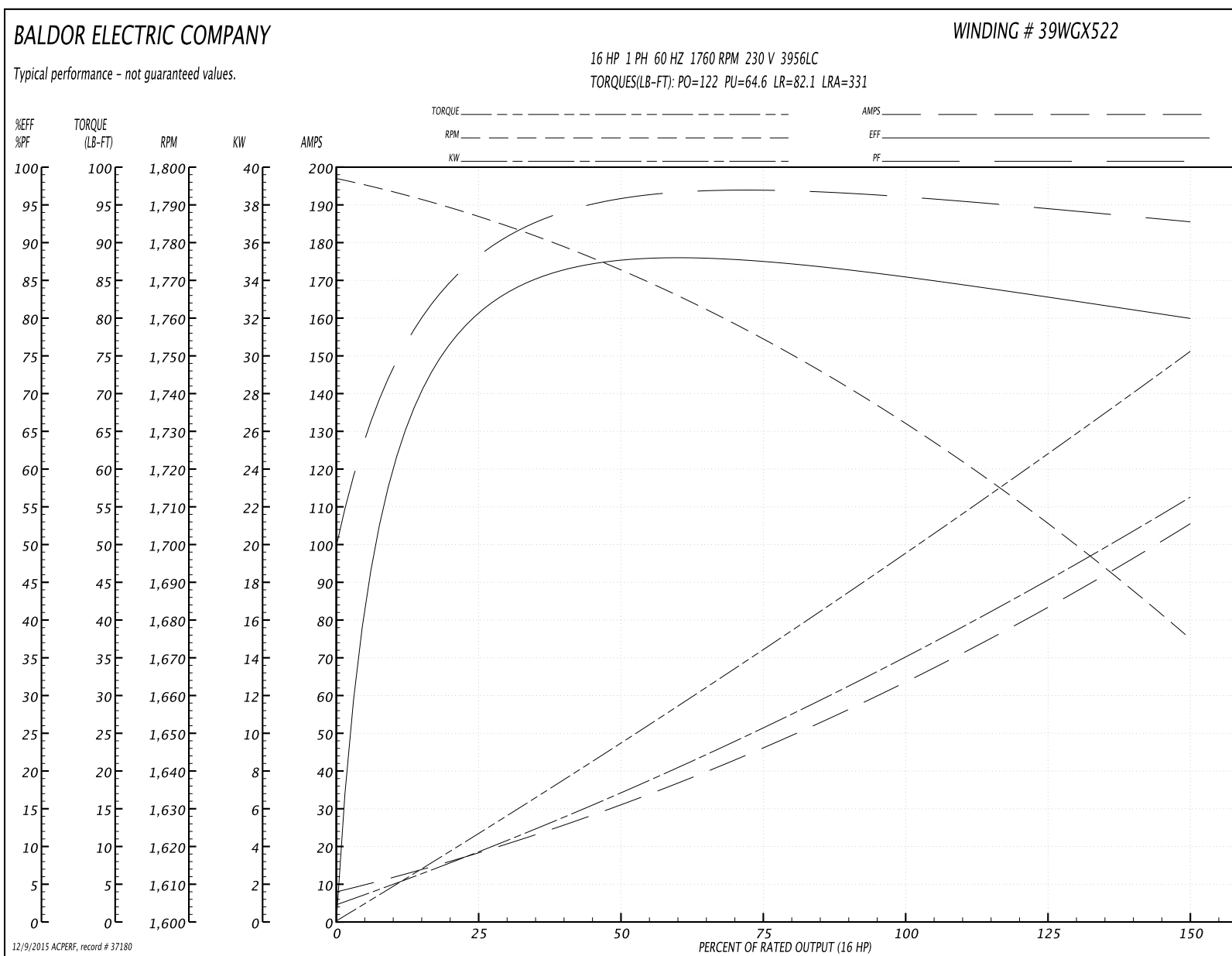
Winding: 39WGX522-R006	Type: 3956LC	Enclosure: OPSB
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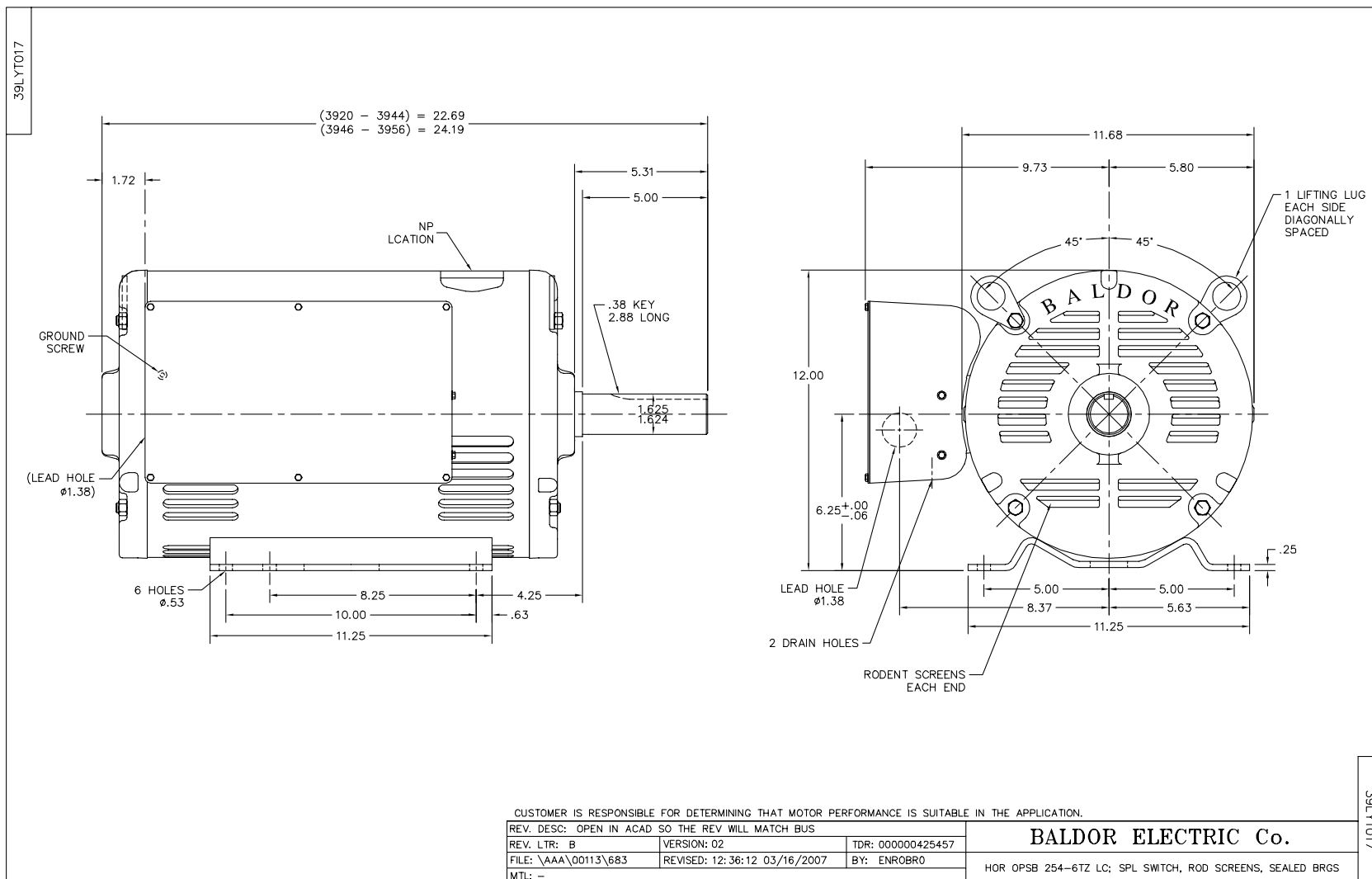
Nameplate Data				230 V, 60 Hz: Single Voltage Motor	
Rated Output (HP)	16			Full Load Torque	48.7 LB-FT
Volts	208-230			Start Configuration	direct on line
Full Load Amps	71-62			Breakdown Torque	122 LB-FT
R.P.M.	1760			Pull-up Torque	64.6 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	82.1 LB-FT
NEMA Design Code	L	KVA Code	L	Starting Current	331 A
Service Factor (S.F.)	1			No-load Current	7.42 A
NEMA Nom. Eff.	86.5	Power Factor	96	Line-line Res. @ 25°C	0.11 Ω A Ph 0.419 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	54°C

Load Characteristics 230 V, 60 Hz, 16 HP

% of Rated Load	25	50	75	100	125	150
Power Factor	91	96	96	96	95	93
Efficiency	82.9	78.7	89.1	87.3	84.2	78.8
Speed	1785	1771	1753	1734	1710	1672
Line amperes	17.5	34.6	45.6	62.4	81.4	107

Performance Graph at 230V, 60Hz, 16.0HP Typical performance - Not guaranteed values





CD1084

