

BALDOR® • RELIANCE

Product Information Packet

FDL3611M

2HP,1725RPM,1PH,60HZ,184,3634L,TEFC,F1,N

Part Detail							
Revision:	H	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3634L	Elec. Spec:	36WGX416	CD Diagram:	CD0008
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	36Q169	Layout:	36LYQ169
Frame:	184	Mounting:	F1	Poles:	04	Created Date:	12-12-2013
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	09-10-2015
Leads:	4#14 A&J,2#16 B PH,1#10 #4TH					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1280L							
CAT.NO.	FDL3611M						
SPEC.	36Q169X416G1						
HP	2						
VOLTS	115/230						
AMP	24.8/12.4						
RPM	1725						
FRAME	184	HZ	60	PH	1		
SER.F.	1.00	CODE	L	DES	L	CL	B
NEMA-NOM-EFF	74	PF	73				
RATING	40C AMB-CONT						
CC		USABLE AT 208V					
DE	6206	ODE	6205				
ENCL	TEFC	SN					

AC Induction Motor Performance Data

Record # 10987 - Typical performance - not guaranteed values

Winding: 36WGX416-R001	Type: 3634L	Enclosure: TEFC
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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	28/14			Breakdown Torque	16 LB-FT
R.P.M.	1725			Pull-up Torque	15 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	24 LB-FT
NEMA Design Code	L	KVA Code	J	Starting Current	75 A
Service Factor (S.F.)	1			No-load Current	8.55 A
NEMA Nom. Eff.	75	Power Factor	67	Line-line Res. @ 25°C	0.732 Ω A Ph 0.396 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	78°C

Load Characteristics 230 V, 60 Hz, 2 HP

% of Rated Load	25	50	75	100	125	150
Power Factor	34	49	61	70	75	79
Efficiency	53.8	68.3	74.2	76.8	77.6	77.4
Speed	1788	1778	1767	1756	1743	1729
Line amperes	8.98	9.65	10.75	12.15	13.85	15.85

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

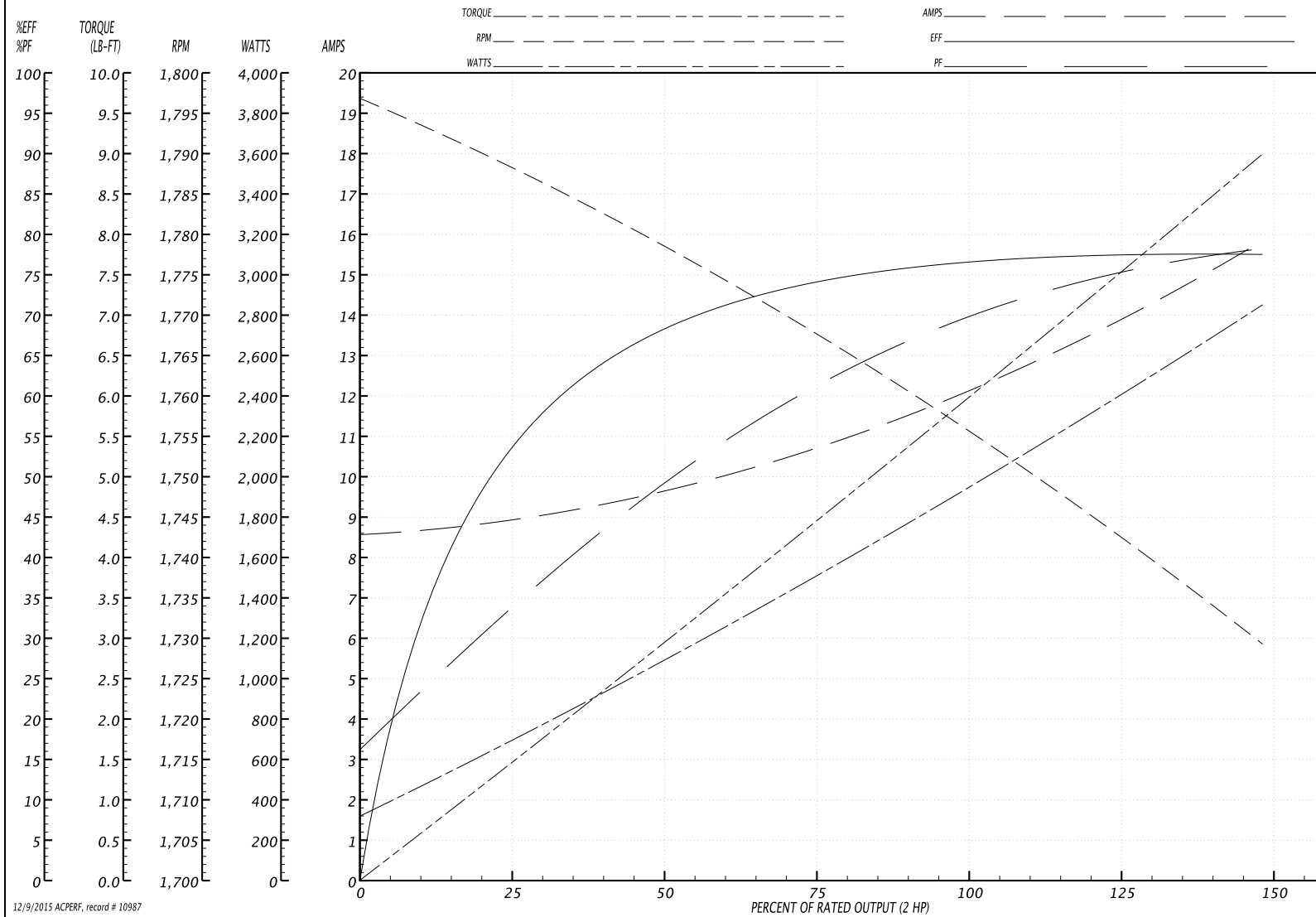
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Typical performance - not guaranteed values.

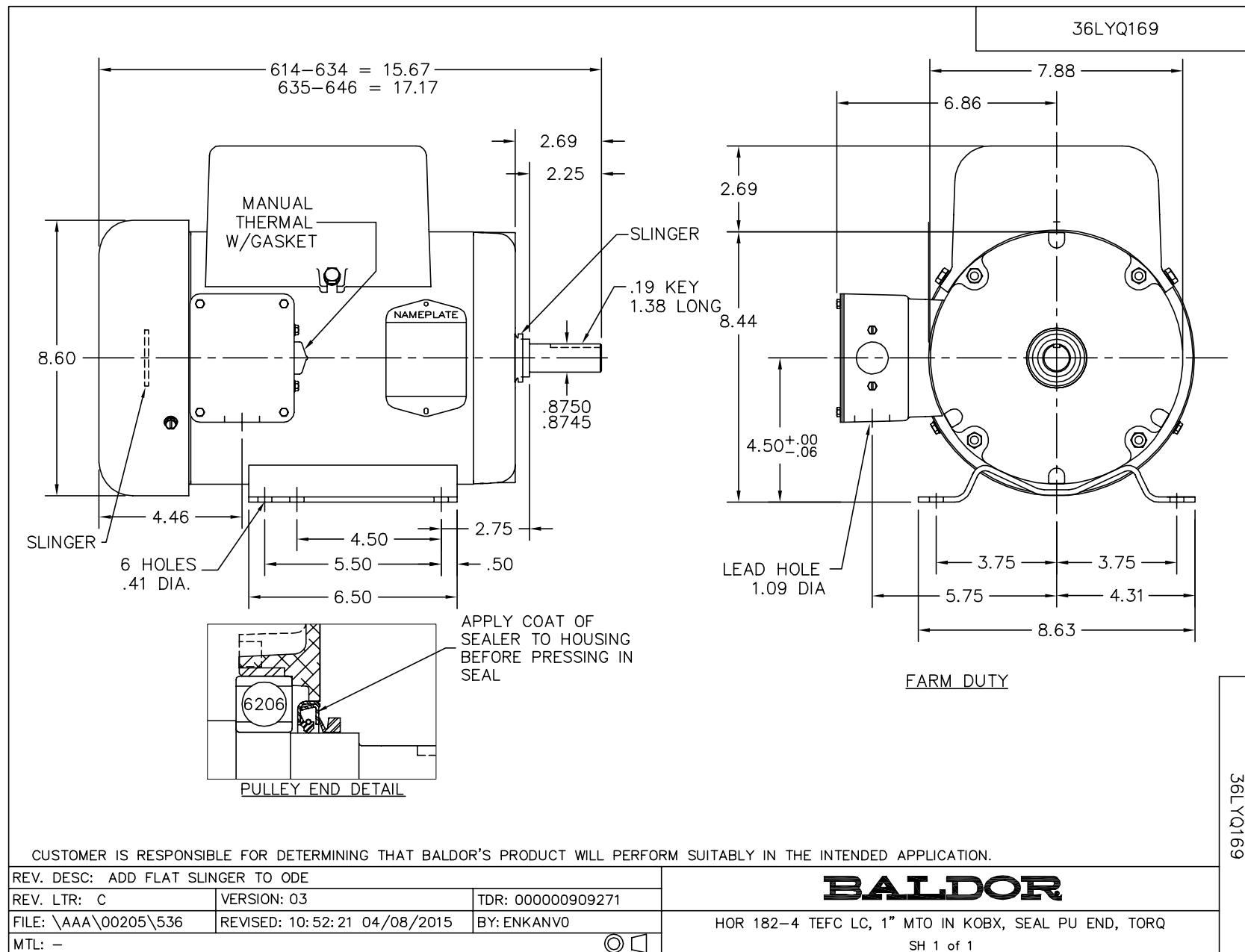
WINDING # 36WG416

2 HP 1 PH 60 HZ 1725 RPM 230 V 3634L

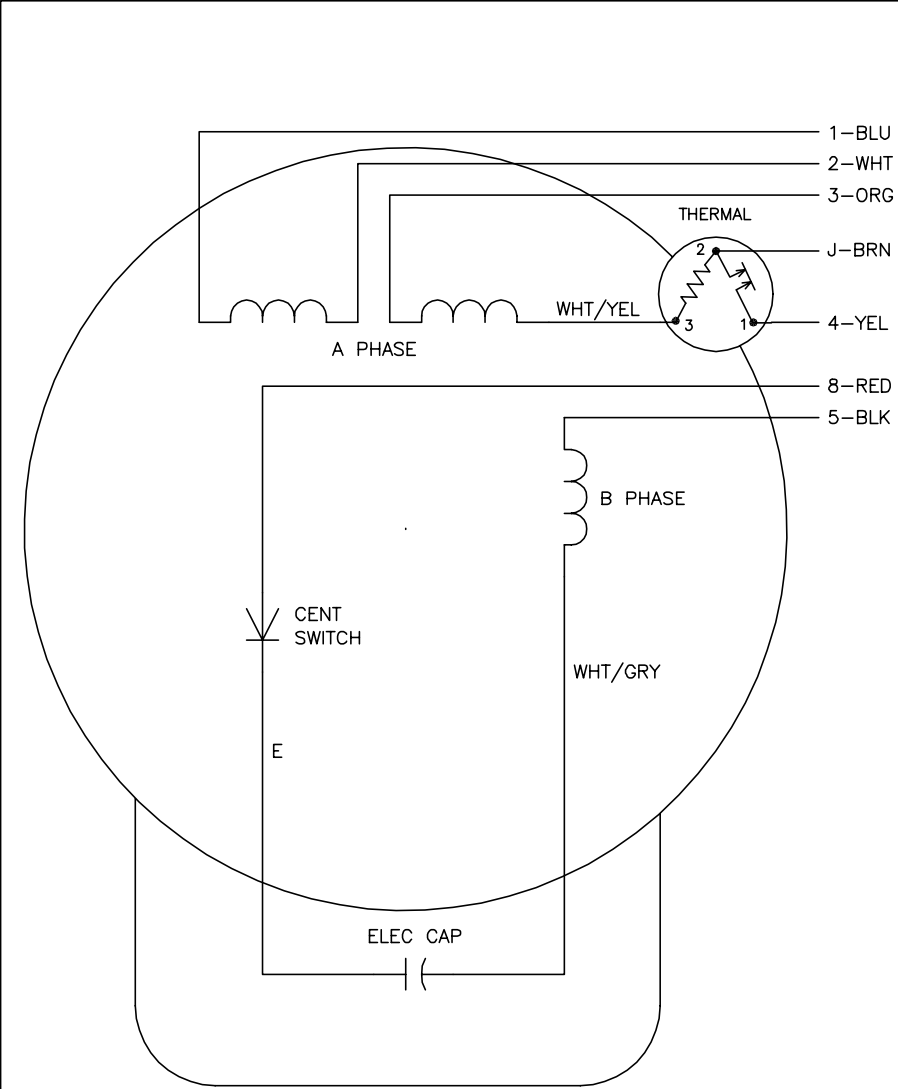
TORQUES(LB-FT): PO=16 PU=15 LR=24 LRA=75



12/9/2015 ACPEFF, record # 10987



CD0008



	LINE A	LINE B	JOIN	JOIN
HIGH STD	1	4	2,3,8	J,5
HIGH OPP	1	4	2,3,5	J,8
LOW STD	1,3,8	4	—	2,J,5
LOW OPP	1,3,5	4	—	2,J,8

- NOTES:
- 1. STANDARD ROTATION IS CCW FACING END OPPOSITE SHAFT EXTENSION.
 - 2. MULTIPLE CAPACITORS ARE CONNECTED IN PARALLEL UNLESS OTHERWISE SPECIFIED.
 - 3. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

REV. DESC: REMOVE 2-TERMINAL THERMAL DETAIL, SEE CD0008A02		
REV. LTR: F	VERSION: 01	TDR: 000000360649
800000	FILE: \AAA\00007\408	REVISED: 10:56:54 04/18/2005
	MTL: —	BY: ENJOEPO

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TYPE L, DV, REV, THERMAL, 7 LEADS

CD0008