

BALDOR® • RELIANCE

Product Information Packet

IDVSWDM3611T

3HP,1760RPM,3PH,60HZ,182TC,3635M,TEFC,F1

Part Detail							
Revision:	K	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3635M	Elec. Spec:	36WGS945	CD Diagram:	CD0005
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	36K606	Layout:	36LYK606
Frame:	182TC	Mounting:	F1	Poles:	04	Created Date:	07-13-2012
Base:	N	Rotation:	R	Insulation:	H	Eff. Date:	09-21-2016
Leads:	9#16					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1608L									
CAT NO	IDVSWDM3611T								
SPEC.	36K606S945G1								
FRAME	182TC	HP			3	TE			
VOLTS	230/460								
MAG CUR	4.6/2.3				FLA	8.4/4.2			
RPM	1760				RPM MAX	6000			
HZ	60			PH	3		CLASS	H	
SER.F.	1.00			DES	B		SL HZ	1.3	
NEMA-NOM-EFF	89.5			WK2	0.326				
BLWR V			PH			HZ			A
RATING	40C AMB-CONT								
DE BRG	6206			ODE BRG	6205				
CC	010A		SN						

AC Induction Motor Performance Data

Record # 39148 - Typical performance - not guaranteed values

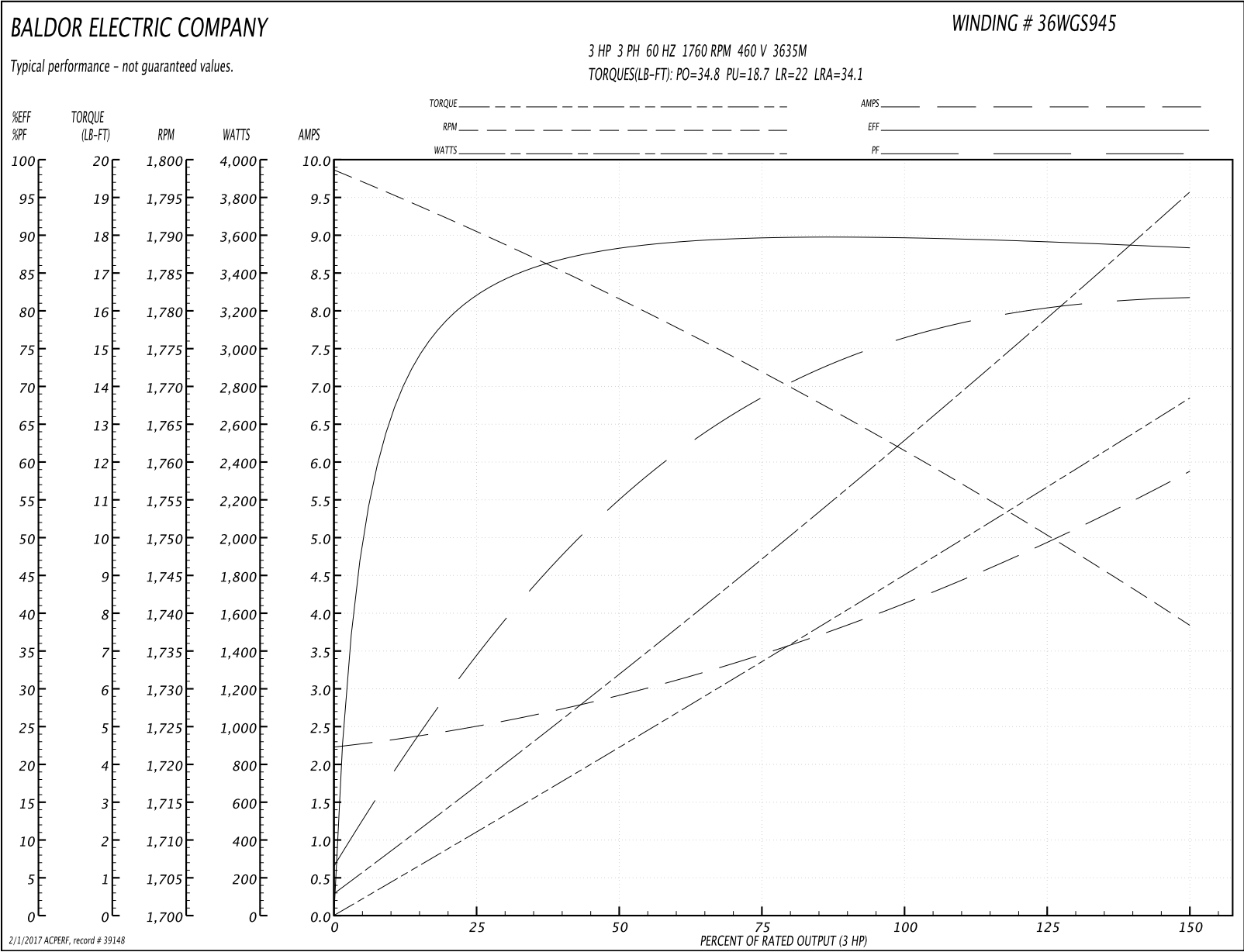
Winding: 36WGS945-R002	Type: 3635M	Enclosure: TEFC
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Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	3			Full Load Torque	9.04 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	8.4/4.2			Breakdown Torque	34.8 LB-FT
R.P.M.	1760			Pull-up Torque	18.7 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	22 LB-FT
NEMA Design Code	B	KVA Code	K	Starting Current	34.1 A
Service Factor (S.F.)	1			No-load Current	2.27 A
NEMA Nom. Eff.	89.5	Power Factor	76	Line-line Res. @ 25°C	3.4597 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	62°C

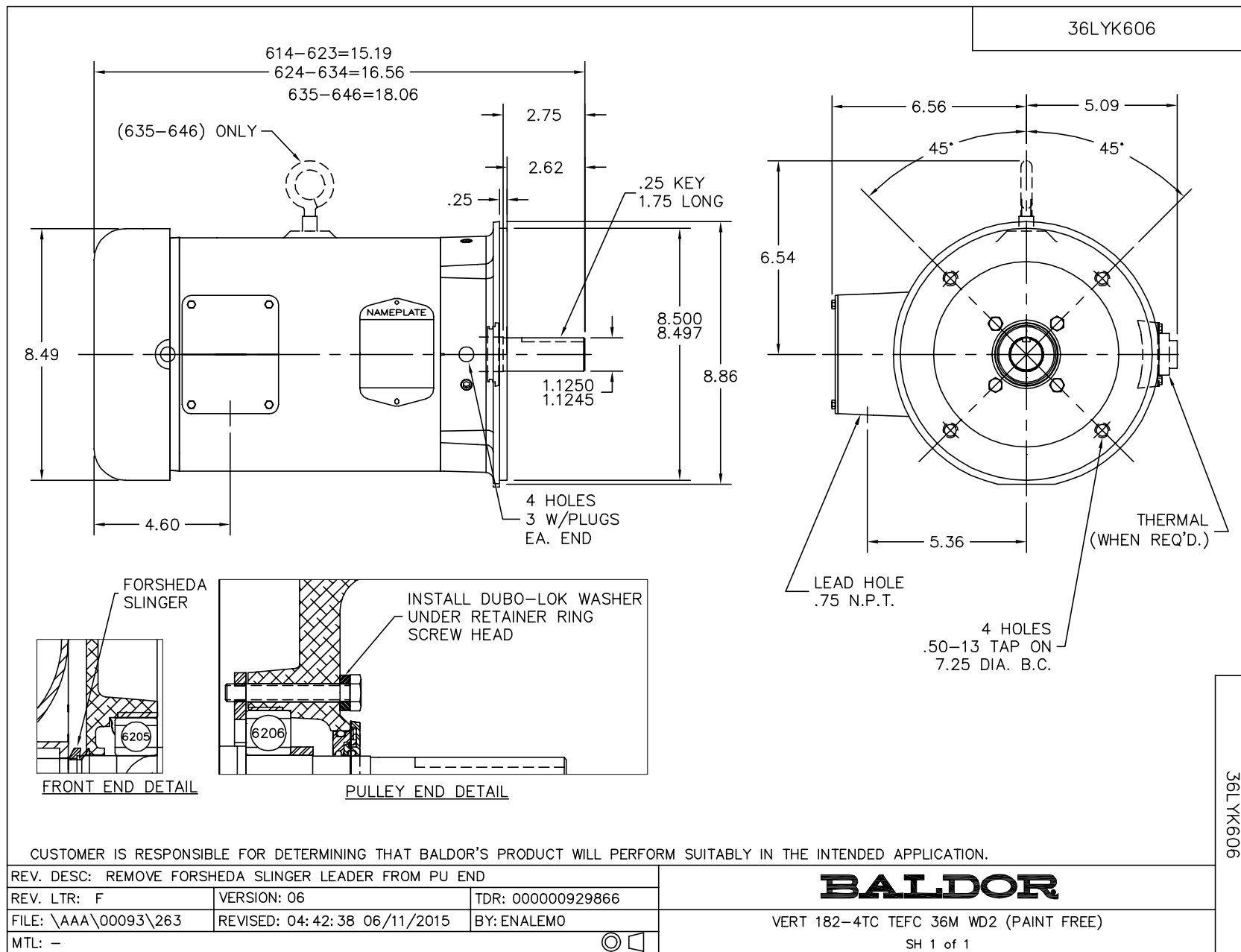
Load Characteristics 460 V, 60 Hz, 3 HP

% of Rated Load	25	50	75	100	125	150
Power Factor	35	56	69	76	80	82
Efficiency	82.1	88.3	89.7	89.7	89.1	88.1
Speed	1790.1	1781.1	1771.7	1761.7	1750.8	1738.1
Line amperes	2.47	2.88	3.47	4.18	4.96	5.84

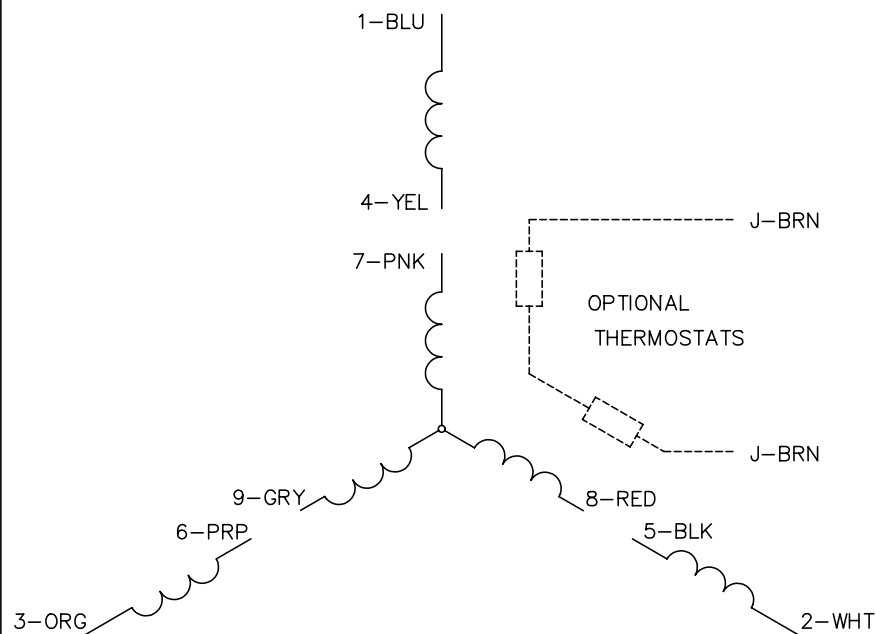
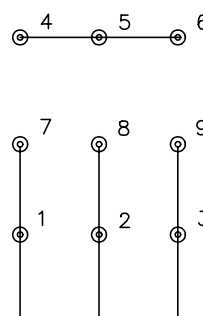
Performance Graph at 460V, 60Hz, 3.0HP Typical performance - Not guaranteed values



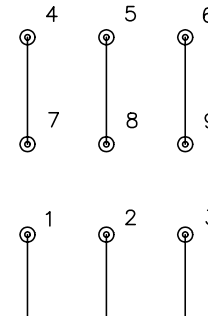
2/1/2017 ACPERF, record # 39148



CD0005


 LOW VOLTAGE
(2Y)


LINE

 HIGH VOLTAGE
(1Y)


LINE

NOTES:

1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
2. OPTIONAL THERMOSTATS ARE PROVIDED WHEN SPECIFIED.
3. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY BE A MULTIPLE OF THOSE SHOWN ABOVE.
4. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

REV. DESC: REVISE TO SHOW OPTIONAL COLORS

REV. LTR: E BY: JLP

REVISED: 01/19/99 10:15

TDR: 0171435

900000

FILE: AAA00005140

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

CD0005