

BALDOR® • RELIANCE

Product Information Packet

EJMM3212T

5HP,3450RPM,3PH,60HZ,182JM,3623M,OPSB,F1

Part Detail							
Revision:	J	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3622M	Elec. Spec:	36WGS040	CD Diagram:	CD0005
Enclosure:	OPSB	Mfg Plant:		Mech. Spec:	36G687	Layout:	36LYG687
Frame:	182JM	Mounting:	F1	Poles:	02	Created Date:	05-06-2010
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	01-30-2017
Leads:	9#16					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1259L

CAT.NO.	EJMM3212T												
SPEC.	36G687S040G1												
HP	5												
VOLTS	230/460												
AMP	12/6												
RPM	3450												
FRAME	182JM					HZ	60					PH	3
SER.F.	1.15				CODE	K		DES	A		CL	F	
NEMA-NOM-EFF	86.5					PF	91						
RATING	40C AMB-CONT												
CC	010A									USABLE AT 208V	12.8		
DE	6207					ODE	6205						
ENCL	OPSB				SN								

AC Induction Motor Performance Data

Record # 53354 - Typical performance - not guaranteed values

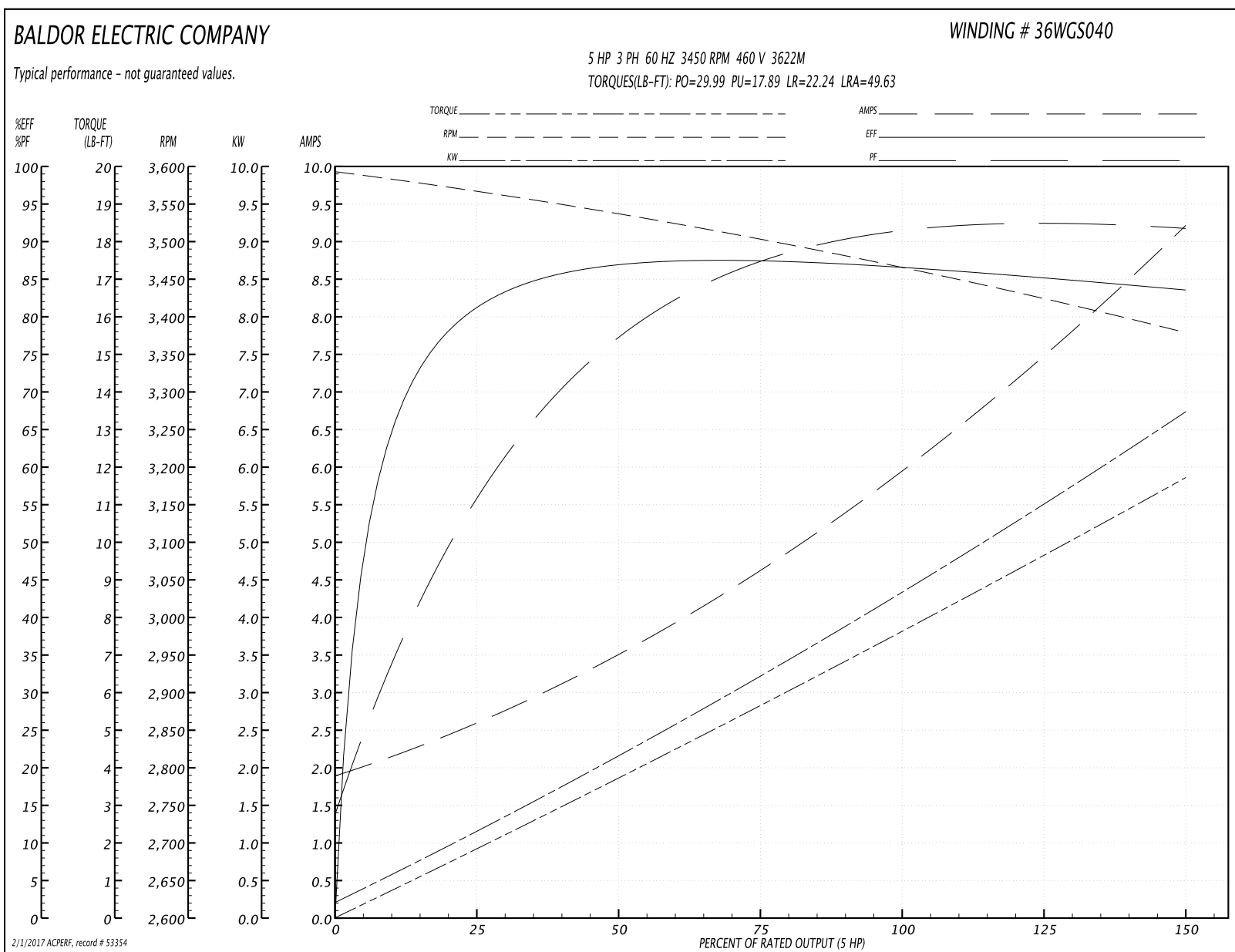
Winding: 36WGS040-R014	Type: 3622M	Enclosure: OPSB
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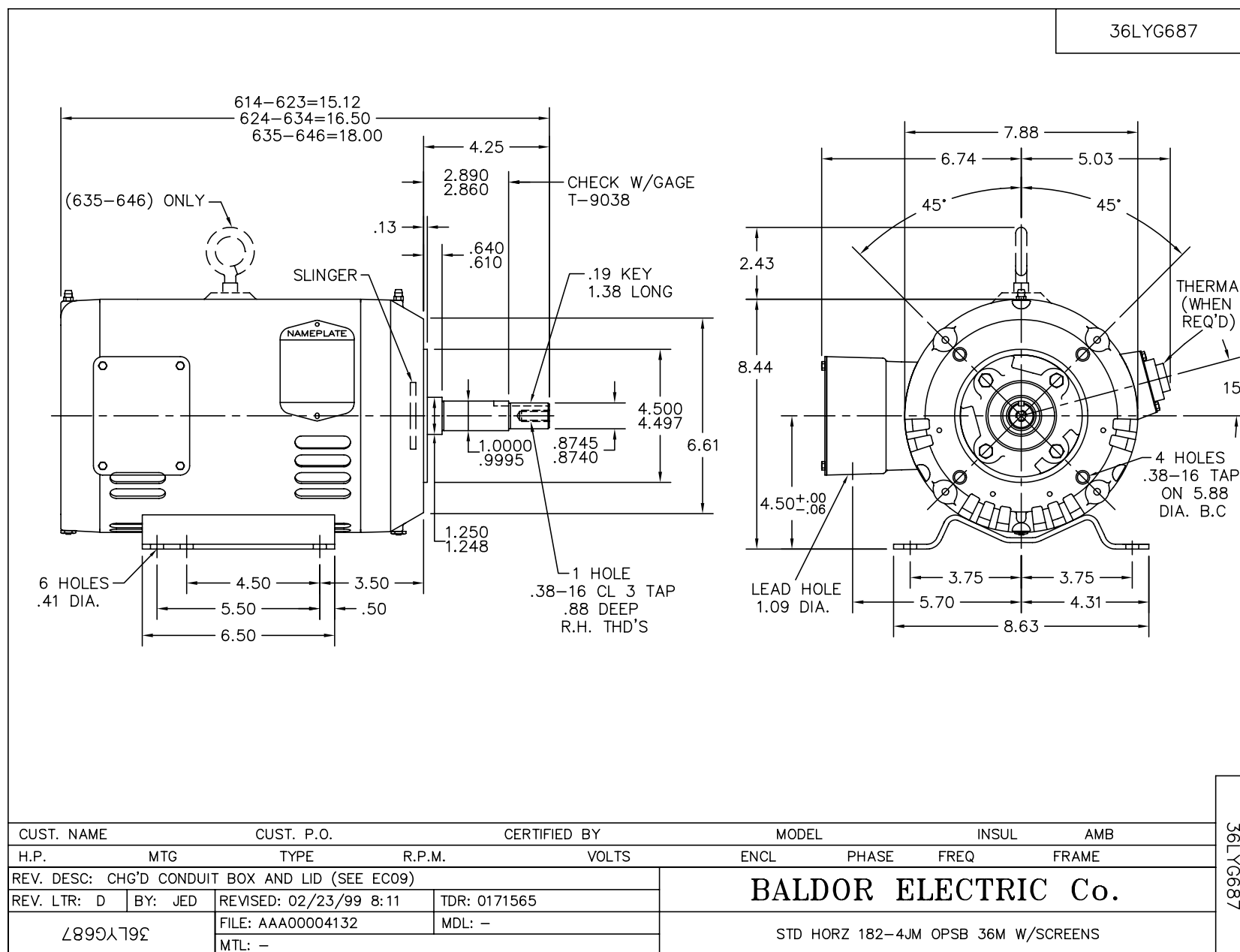
Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	5			Full Load Torque	7.66 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	12/6			Breakdown Torque	29.99 LB-FT
R.P.M.	3450			Pull-up Torque	17.89 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	22.24 LB-FT
NEMA Design Code	A	KVA Code	K	Starting Current	49.63 A
Service Factor (S.F.)	1.15			No-load Current	1.99 A
NEMA Nom. Eff.	86.5	Power Factor	91	Line-line Res. @ 25°C	3.07 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	34°C
S.F. Amps				Temp. Rise @ S.F. Load	42°C
				Locked-rotor Power Factor	49.2
				Rotor inertia	0.0988 LB-FT ²

Load Characteristics 460 V, 60 Hz, 5 HP

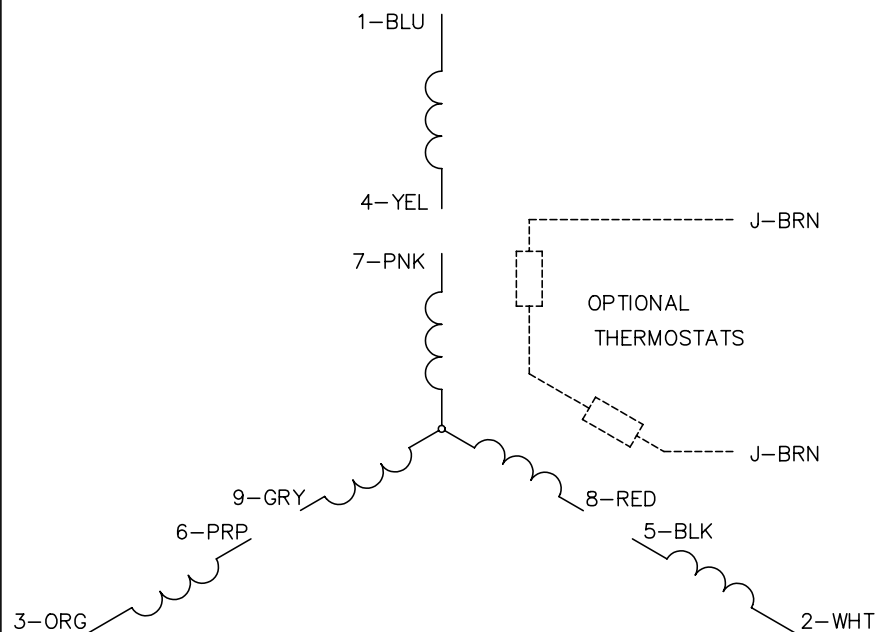
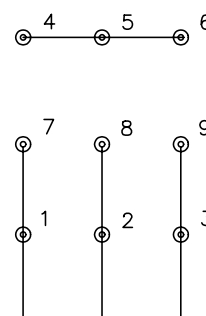
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	61	79	87	90	92	93	92
Efficiency	81.4	86.5	87.6	86.6	85.3	83.5	86.1
Speed	3566	3535	3503	3465	3423	3379	3445
Line amperes	2.5	3.49	4.68	6.06	7.56	9.15	6.91

Performance Graph at 460V, 60Hz, 5.0HP Typical performance - Not guaranteed values

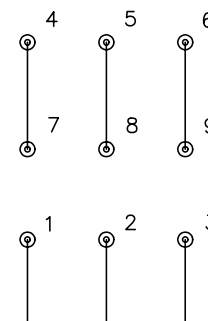




CD0005

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