

BALDOR® • RELIANCE

Product Information Packet

EJMM3615T-G

5HP,1750RPM,3PH,60HZ,184JM,3642M,TEFC,F1

Part Detail							
Revision:	G	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3642M	Elec. Spec:	36WGS268	CD Diagram:	CD0005
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	36N542	Layout:	36LYN542
Frame:	184JM	Mounting:	F1	Poles:	04	Created Date:	12-12-2011
Base:	RG	Rotation:	R	Insulation:	H	Eff. Date:	08-19-2016
Leads:	9#16					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1259L

CAT.NO.	EJMM3615T-G														
SPEC.	36N542S268G1														
HP	5														
VOLTS	230/460														
AMP	13.4/6.7														
RPM	1750														
FRAME	184JM					HZ		60					PH	3	
SER.F.	1.15			CODE		J		DES		B		CL		H	
NEMA-NOM-EFF	89.5				PF		78								
RATING	40C AMB-CONT														
CC	010A				USABLE AT 208V									13.9	
DE	6207				ODE		6205								
ENCL	TEFC			SN											

AC Induction Motor Performance Data

Record # 52962 - Typical performance - not guaranteed values

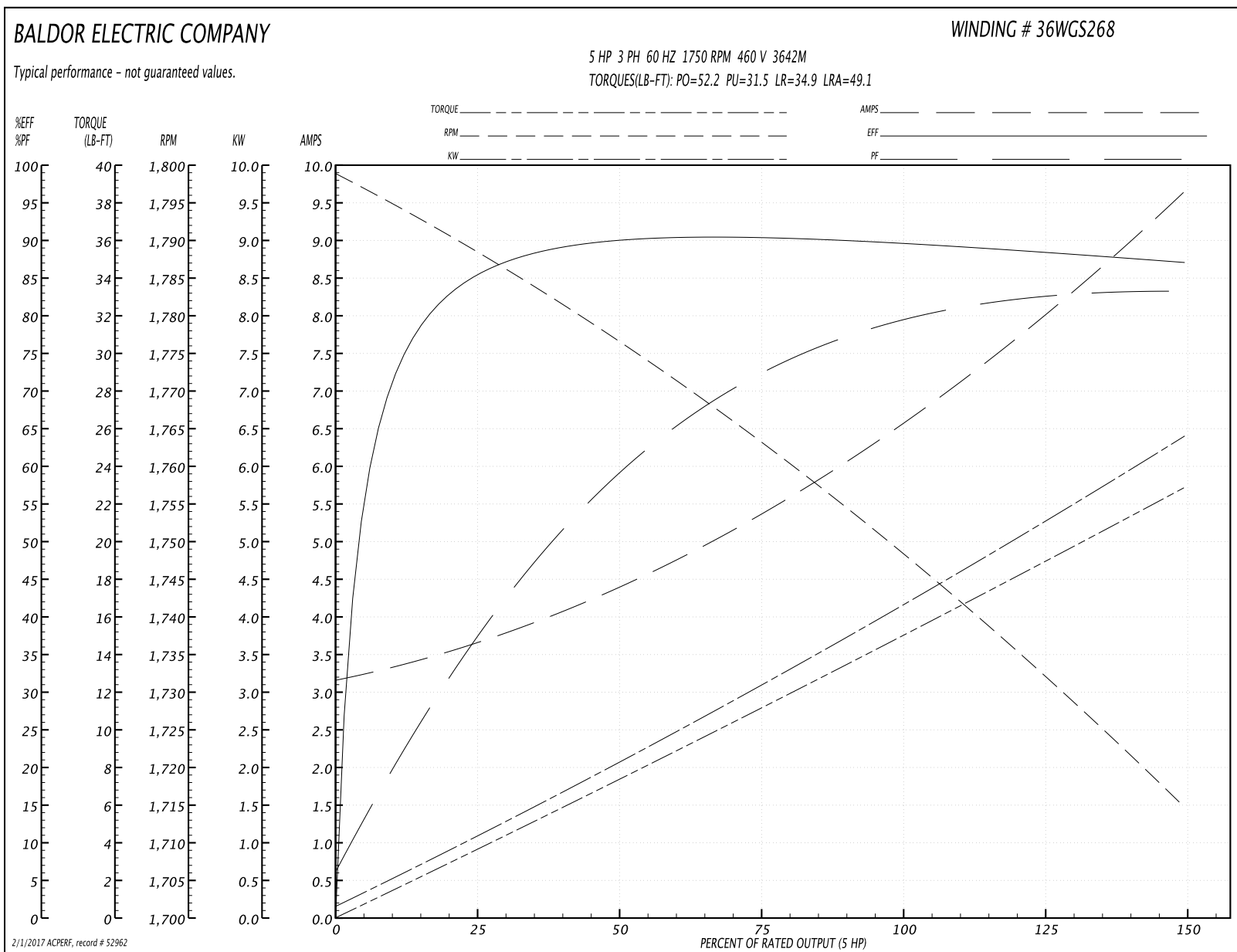
Winding: 36WGS268-R078	Type: 3642M	Enclosure: TEFC
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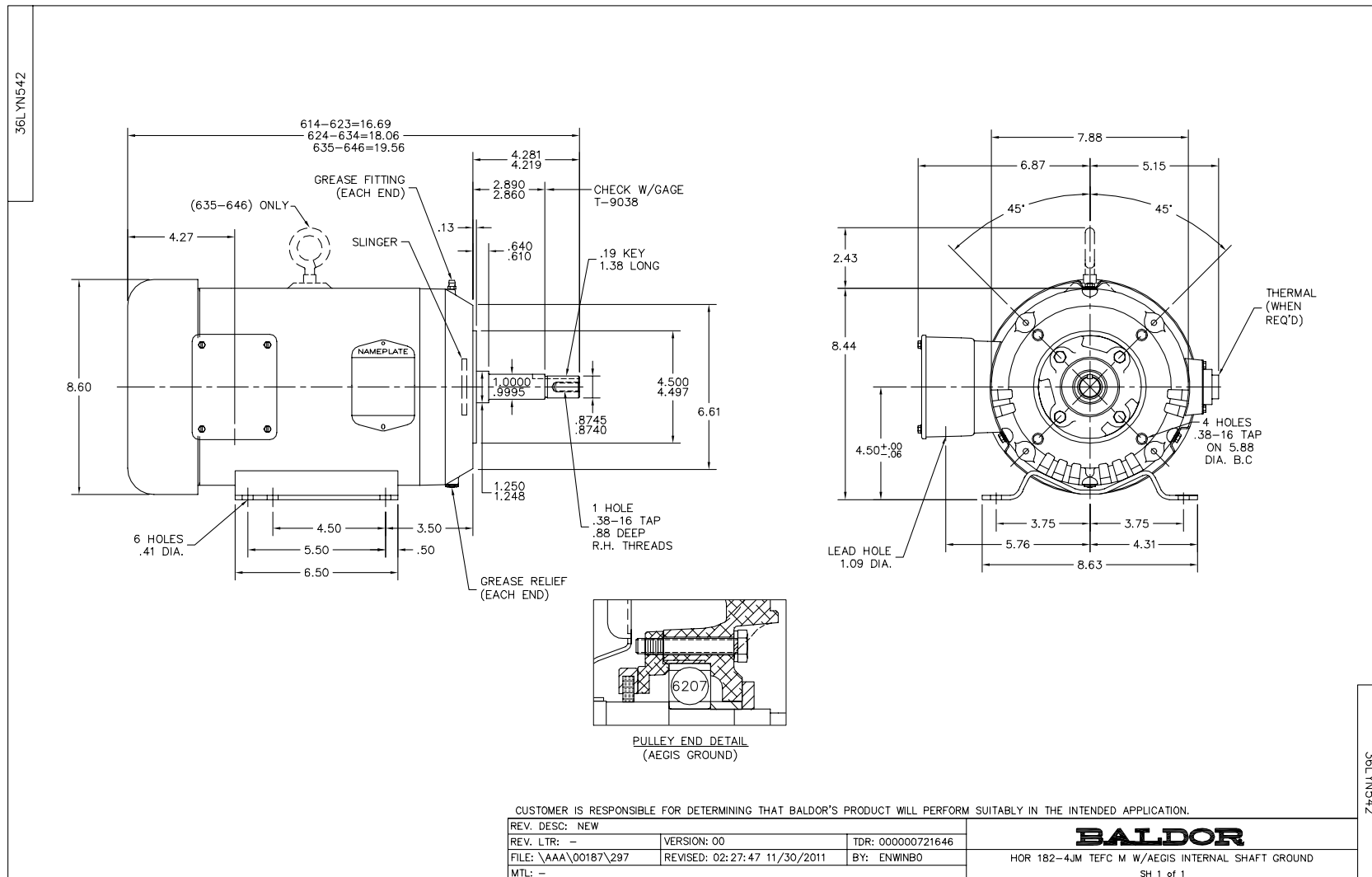
Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	5			Full Load Torque	14.9 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	13.4/6.7			Breakdown Torque	52.2 LB-FT
R.P.M.	1750			Pull-up Torque	31.5 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	34.9 LB-FT
NEMA Design Code	B	KVA Code	J	Starting Current	49.1 A
Service Factor (S.F.)	1.15			No-load Current	3.24 A
NEMA Nom. Eff.	89.5	Power Factor	78	Line-line Res. @ 25°C	2.27 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	71°C
S.F. Amps				Temp. Rise @ S.F. Load	86°C
				Locked-rotor Power Factor	39.8
				Rotor inertia	0.391 LB-FT ²

Load Characteristics 460 V, 60 Hz, 5 HP

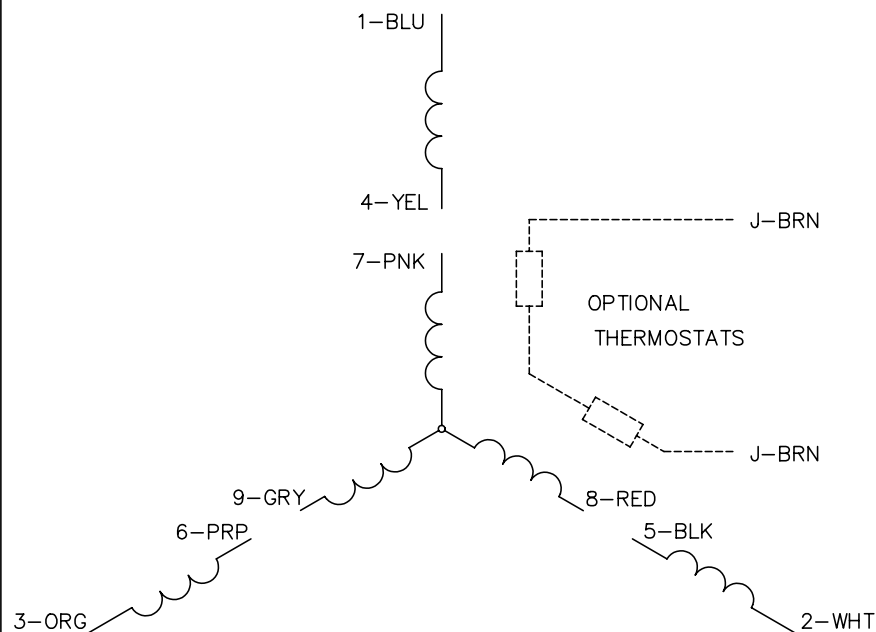
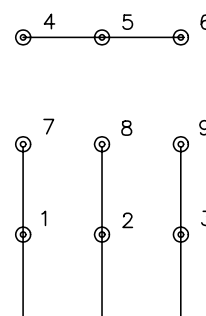
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	39	60	72	78	83	83	81
Efficiency	85	89.7	90.6	89.6	88.6	87	89
Speed	1789	1776	1762	1750	1733	1714	1740
Line amperes	3.55	4.31	5.43	6.65	7.94	9.64	7.42

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

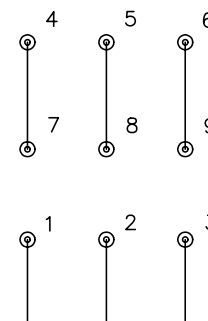




CD0005

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