

BALDOR® • RELIANCE

Product Information Packet

WALKER INDUSTRIAL PRODUCTS, INC.

VEM3314T

15HP,3475RPM,3PH,60HZ,215TC,3734M,ODP,F1

Part Detail							
Revision:	A	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3734M	Elec. Spec:	37WGS867	CD Diagram:	CD0005
Enclosure:	ODP	Mfg Plant:		Mech. Spec:	37K446	Layout:	37LYK446
Frame:	215TC	Mounting:	F1	Poles:	02	Created Date:	04-29-2015
Base:	N	Rotation:	R	Insulation:	F	Eff. Date:	11-06-2015
Leads:	9#14					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1259L							
CAT.NO.	VEM3314T						
SPEC.	37K446S867G1						
HP	15						
VOLTS	230/460						
AMP	35/17.5						
RPM	3475						
FRAME	215TC	HZ	60	PH	3		
SER.F.	1.15	CODE	G	DES	B	CL	F
NEMA-NOM-EFF	90.2	PF	89				
RATING	40C AMB-CONT						
CC	010A	USABLE AT 208V	36				
DE	6307	ODE	6206				
ENCL	ODP	SN					

AC Induction Motor Performance Data

Record # 53403 - Typical performance - not guaranteed values

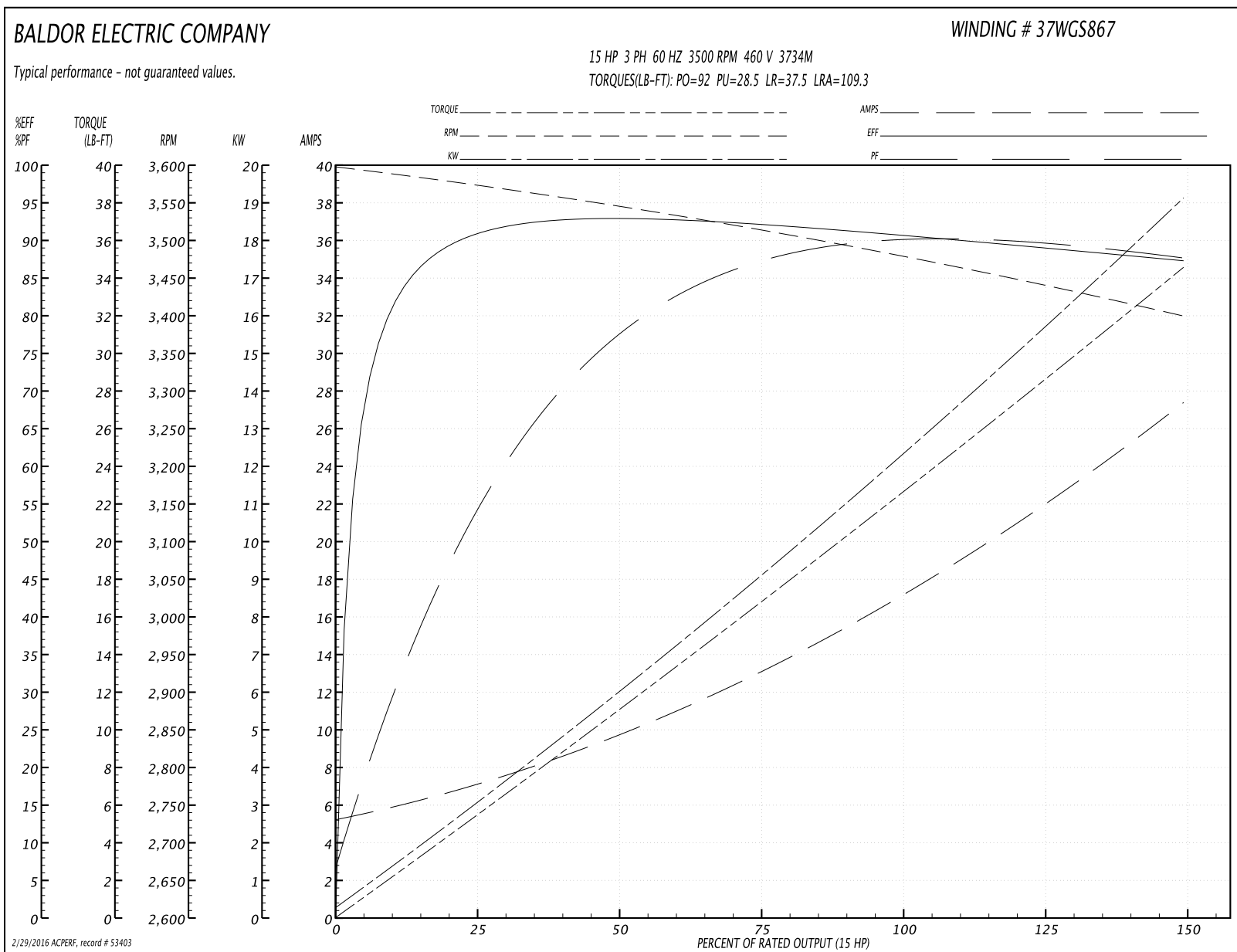
Winding: 37WGS867-R013	Type: 3734M	Enclosure: OPSB
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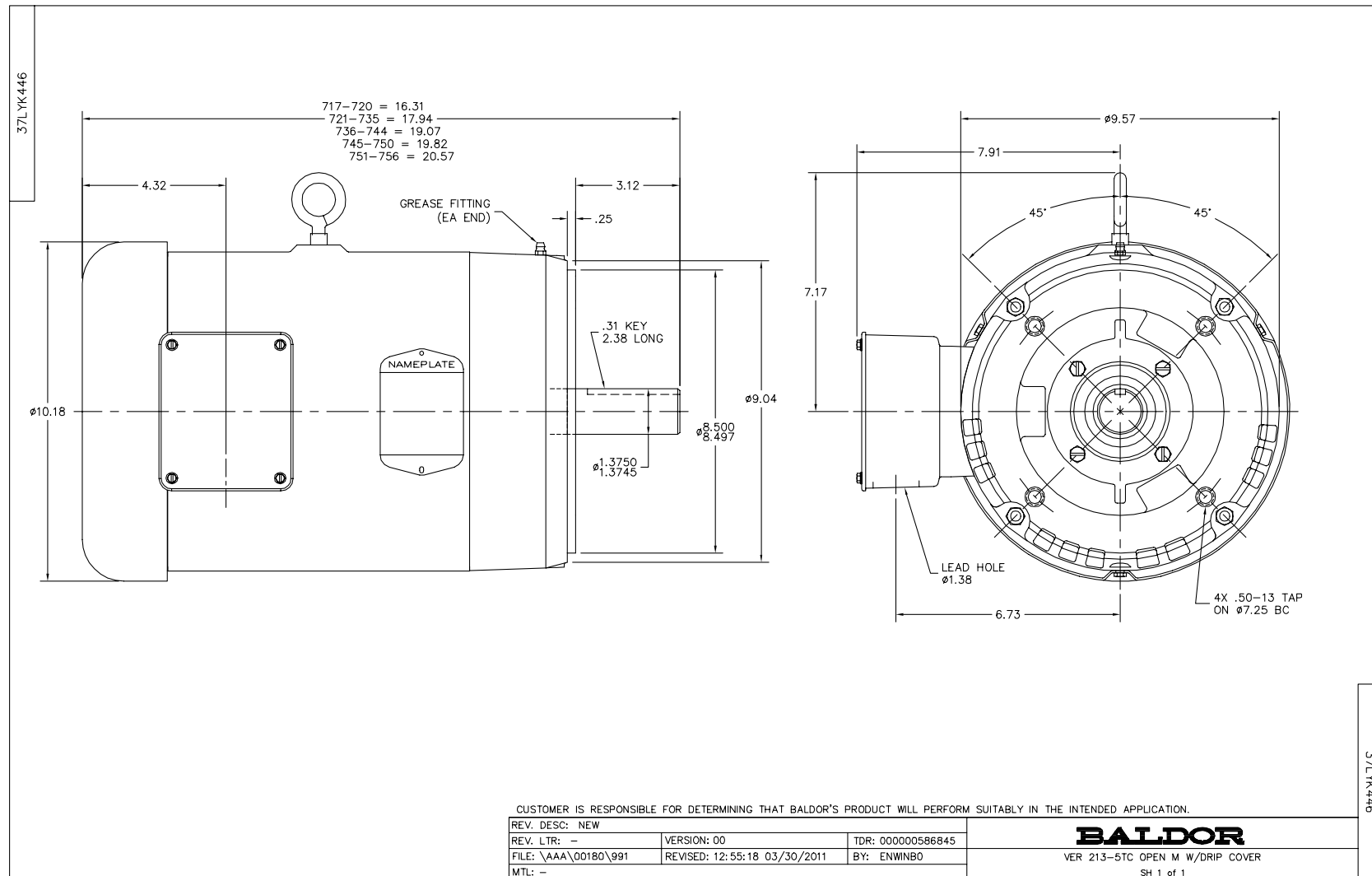
Nameplate Data				460 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	15			Full Load Torque	22.6 LB-FT
Volts	230/460			Start Configuration	direct on line
Full Load Amps	35/17.5			Breakdown Torque	92 LB-FT
R.P.M.	3500			Pull-up Torque	28.5 LB-FT
Hz	60	Phase	3	Locked-rotor Torque	37.5 LB-FT
NEMA Design Code	B	KVA Code	G	Starting Current	109.3 A
Service Factor (S.F.)	1.15			No-load Current	5.49 A
NEMA Nom. Eff.	90.2	Power Factor	79	Line-line Res. @ 25°C	0.7163 Ω
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	46°C
S.F. Amps				Temp. Rise @ S.F. Load	59°C
				Rotor inertia	0.31 LB-FT ²

Load Characteristics 460 V, 60 Hz, 15 HP

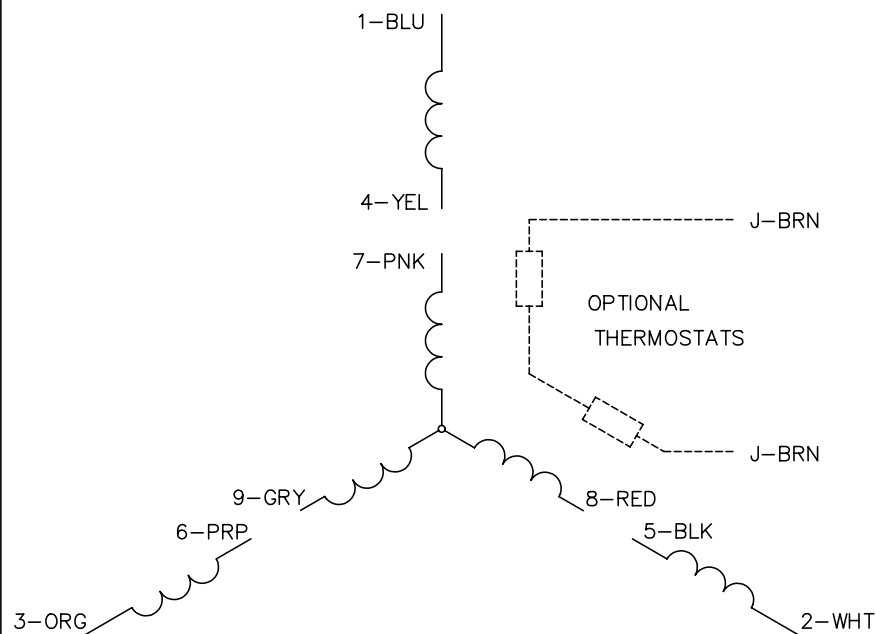
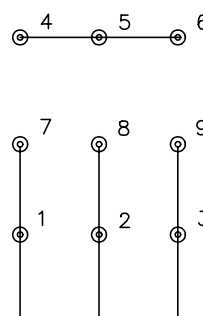
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	58	78	86	89	89	88	89
Efficiency	90.3	92.5	92.2	90.9	89.2	87.1	89.9
Speed	3572	3545.3	3514.9	3479.7	3441.4	3398.7	3457
Line amperes	6.69	9.59	13.2	17.3	22	27.3	20.1

Performance Graph at 460V, 60Hz, 15.0HP Typical performance - Not guaranteed values

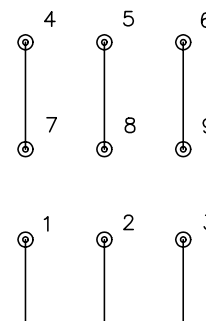




CD0005

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