

BALDOR® • RELIANCE

Product Information Packet

EBM2513T

15HP,1765RPM,3PH,60HZ,254T,3938M,OPEN,F1

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Part Detail									
Revision:	A	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3938M	Elec. Spec:	39WGW916	CD Diagram:			
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	39E342	Layout:			
Frame:	254T	Mounting:	F1	Poles:	04	Created Date:	04-12-2010		
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	06-10-2011		
Leads:	9#12	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP1259L									
CAT.NO.	EBM2513T								
SPEC.	39E342W916G1								
HP	15								
VOLTS	208-230/460								
AMP	37.4-35.4/17.7								
RPM	1765								
FRAME	254T	HZ			60	PH	3		
SER.F.	1.15	CODE			G	DES	B	CL	F
NEMA-NOM-EFF	93	PF			86				
RATING	40C AMB-CONT								
CC	010A	USABLE AT 208V			37.4				
DE	6309	ODE			6309				
ENCL	OPEN	SN							

Parts List		
Part Number	Description	Quantity
SA193720	SA 39E342W916G1	1.000 EA
RA181318	RA 39E342W916G1	1.000 EA
S/P107-000-005	SUPER-E PROC'S(254/6 FR.) ZK PLANT - POL	1.000 EA
HA6016	ADAPTER, CAST CONDUIT BOX	1.000 EA
09CB3002SP	CB W/1.38 LEAD HOLE FOR 37, 39, 307 & 30	1.000 EA
51XW2520A12	.25-20 X .75, TAPTITE II, HEX WSHR SLTD	2.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	2.000 EA
WD1000B17	KPA-8C BURNDY TERMINAL	1.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
39EP3400A06	SPL E.P. MACH, 309 BRG W/O RET HOLES	1.000 EA
HW5100A11	W3917-042 WVY WSHR (WB)	1.000 EA
39EP3201A01	PU ENDPLATE, MACH 254-6T	1.000 EA
10XN2520K28	1/4-20 X 1.75" HX HD SCRWGRADE 5, ZINC P	4.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 EA
HA3154A02	STUD, 3/8-16 X 15.875 DEMBY	4.000 EA
XY3816A12	3/8-16 FINISHED NUT	8.000 EA
HW2501F16	KEY, 5/16 SQ X 1.750	1.000 EA
84XN5013L16	1/2-13X1 NYLOK TYP HX SOCHD CAP SCREW TD	4.000 EA
09CB3501SP	CONDUIT BOX LID FOR 09CB3001 & 09CB3002	1.000 EA
51XW2520A12	.25-20 X .75, TAPTITE II, HEX WSHR SLTD	2.000 EA
HW2501G25	KEY, 3/8 SQ X 2.875	1.000 EA
LB1115	LABEL,LIFTING DEVICE	1.000 EA
LB5040	INSTRUCTION TAG, AC & DC	1.000 EA
HW4500A03	GREASE FITTING, .125 NPT 1610(ALEMITE) 8	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
HW4500A20	1/8NPT SL PIPE PLUG	1.000 EA
HA4051A00	PLASTIC CAP FOR GREASE FITTING	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.030 LB
HW4500A03	GREASE FITTING, .125 NPT 1610(ALEMITE) 8	1.000 EA
HW4500A20	1/8NPT SL PIPE PLUG	1.000 EA
HA4051A00	PLASTIC CAP FOR GREASE FITTING	1.000 EA
MG1000Y03	WILKO 689.710 GOLD PAINT SUPER E	0.050 GA
85XU0407A04	#4-7 X 1/4 DRIVE PIN	2.000 EA
87BK6100GQF	1-087-061-00-GQF BRAKE	1.000 EA
LB1119	WARNING LABEL	1.000 EA
LB1125C02	SUPER-E (STOCK CTN LABEL SUPER-E WITH FL	4.000 EA
LB1357	ENERGY GUIDE LABEL (BOX LABEL)	2.000 SH
LC0181	CONNECTION LABEL	1.000 EA
NP1259L	ALUM SUPER-E UL CSA-EEV CC NEMA PREMIUM	1.000 EA
42PA1000	PACKAGING GROUP 42 FRAME PK1024A06	1.000 EA

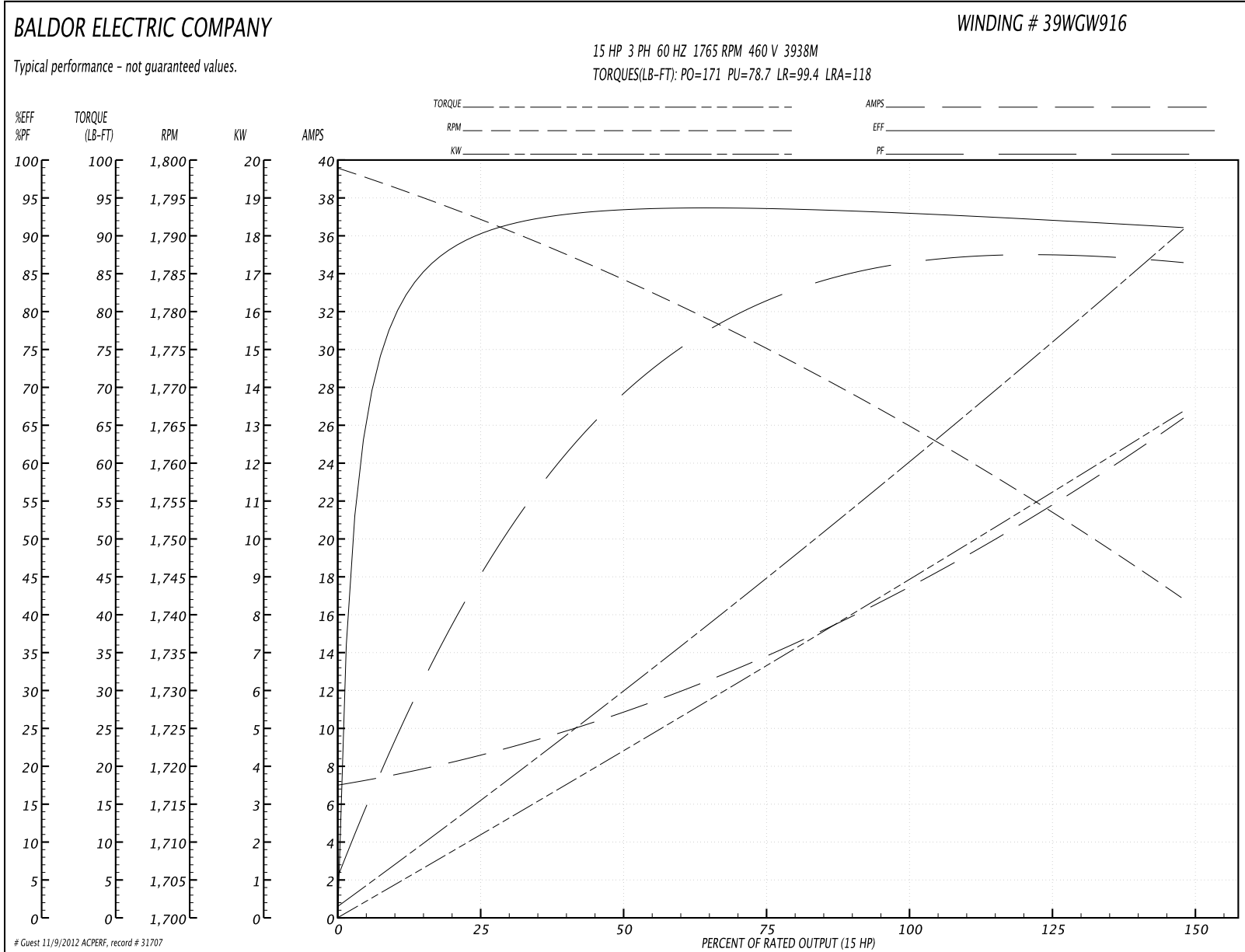
Performance Data at 460V, 60Hz, 15.0HP (Typical performance - Not guaranteed values)**General Characteristics**

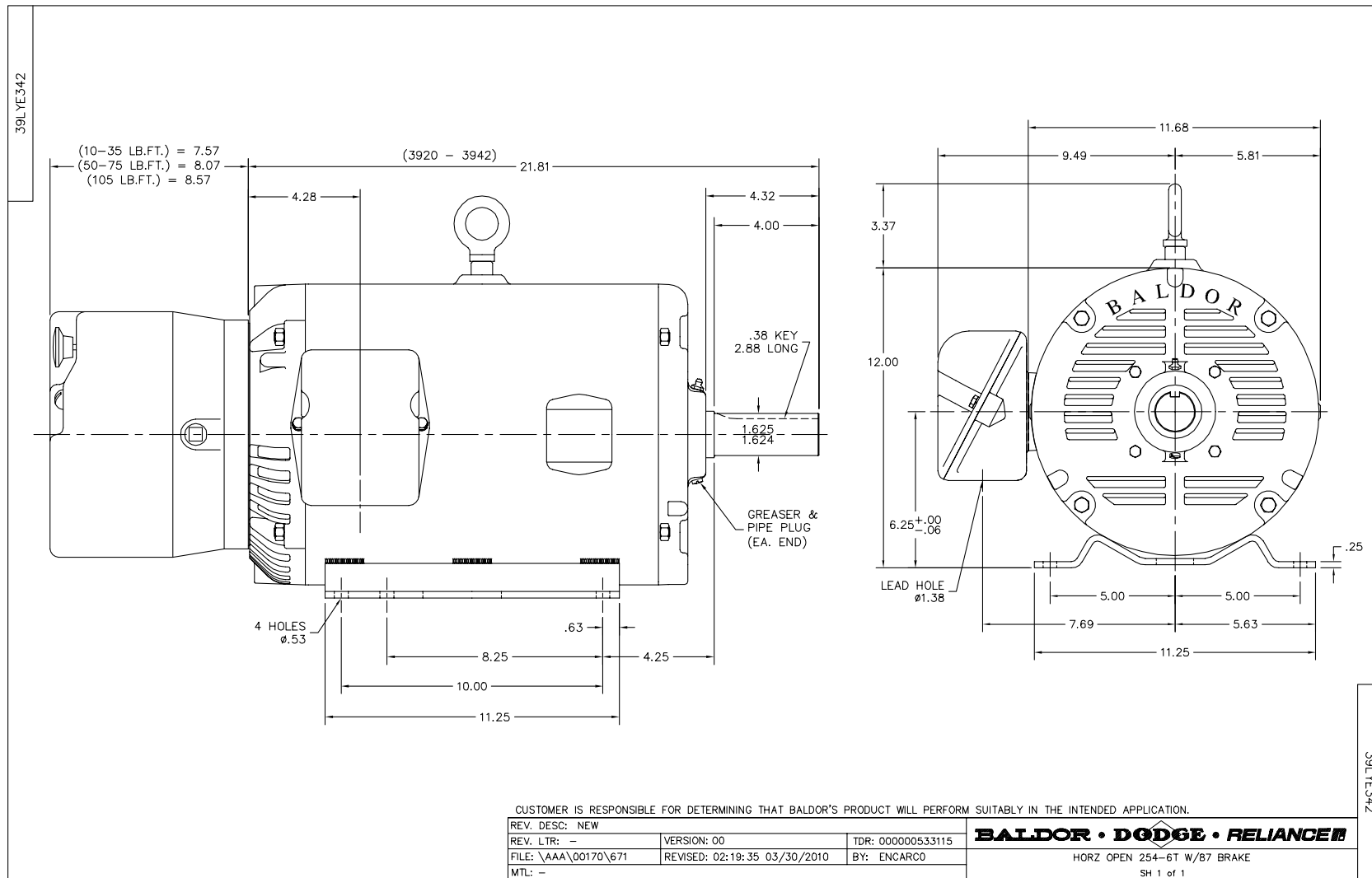
Full Load Torque:	44.6 LB-FT	Start Configuration:	DOL
No-Load Current:	7.27 Amps	Break-Down Torque:	171.0 LB-FT
Line-line Res. @ 25°C.:	0.622 Ohms A Ph / 0.0 Ohms B Ph	Pull-Up Torque:	78.7 LB-FT
Temp. Rise @ Rated Load:	22 C	Locked-Rotor Torque:	99.4 LB-FT
Temp. Rise @ S.F. Load:	29 C	Starting Current:	118.0 Amps

Load Characteristics

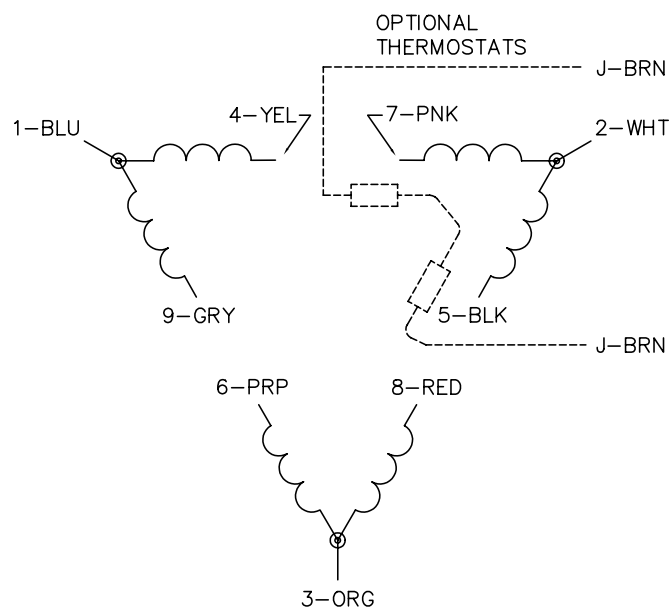
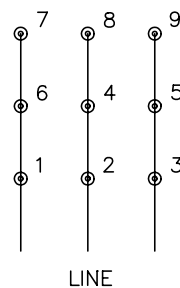
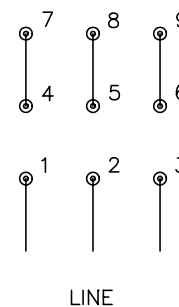
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	47.0	70.0	81.0	86.0	88.0	89.0	87.0
Efficiency:	90.1	93.3	93.5	93.1	92.2	91.0	92.6
Speed:	1792.0	1784.0	1775.0	1765.0	1754.0	1742.0	1759.0
Line Amperes:	8.27	10.72	13.99	17.67	21.74	26.21	20.11

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





CD0180

LOW VOLTAGE
(2D)HIGH VOLTAGE
(1D)

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: C

BY: JLP

REVISED: 01/21/99 2:28

TDR: 0171435

0810D0

FILE: AAA00005148

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS, DELTA CONNECTION

CD0180