

BALDOR® • RELIANCE

Product Information Packet

VEBM3611T-D

3HP,1760RPM,3PH,60HZ,182TC,3631M,TEFC,F3

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Part Detail									
Revision:	C	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3631M	Elec. Spec:	36WGS266	CD Diagram:			
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	36N149	Layout:			
Frame:	182TC	Mounting:	F3	Poles:	04	Created Date:	09-27-2010		
Base:	N	Rotation:	R	Insulation:	F	Eff. Date:	09-24-2012		
Leads:	9#16	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP2105L									
CAT.NO.	VEBM3611T-D								
SPEC.	36N149S266G1								
HP	3								
VOLTS	208-230/460								
AMP	9-8.4/4.2								
RPM	1760								
FRAME	182TC			HZ			60	PH	3
SER.F.	1.15			CODE			K	DES	BCLF
NEMA-NOM-EFF	89.5			PF			75		
RATING	40C AMB-CONT								
CC	010A			USABLE AT 208V			9		
DE	6206			ODE			6205		
ENCL	TEFC			SN					
	IP23, BRAKE 10 FT-LB								

Parts List		
Part Number	Description	Quantity
SA203667	SA 36N149S266G1	1.000 EA
RA190927	RA 36N149S266G1	1.000 EA
36CB3004A67	36 CB 1.09 @ 6, .88 @ 12	1.000 EA
36GS1000SP	GASKET-CONDUIT BOX, .06 THICK #SV-330 LE	1.000 EA
51XB1016A08	10-16X 1/2HXWSSLD SERTYB	2.000 EA
WD4500A77	CORD CONN, .50 NPT,	1.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
36EP1905A03	SPL FR EP FOR SPL CI FANCOVER	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 EA
36EP3301A23	PU ENDPLATE, ENCL. 182-4TC 206 BRG. W/GR	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
10XN2520A28	1/4-20X 1 3/4 HEX HD	4.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 EA
10XN3816K64	3/8-16X4 HX HD CAP SCREW, GRADE 5	4.000 EA
HW1001A38	LOCKWASHER 3/8, ZINC PLT .688 OD, .382 I	4.000 EA
BR2001D01	DBSC SPLINED HUB 7/8 BOR	1.000 EA
WD4500A77	CORD CONN, .50 NPT,	1.000 EA
WD4108B06	3/4 X 1/2 REDUCING BUSHING, RB-2	1.000 EA
MR6002A02	.50 FLEX CONDUIT LIQ-TITE (STEEL/VINYL)	0.625 FT
WD4006A01	WIRE JOINT, RB-4 OR RB-44	1.000 EA
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000 EA
06FH1005A03	FAN COVER, MACH FOR 36EP1905A03	1.000 EA
10XN2520A36	1/4-20X 2 1/4 HEX HD X	4.000 EA

Parts List (continued)		
Part Number	Description	Quantity
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 EA
WD4100A02	DP-1000 HEYCO PLUG OR 62MP1000 MICRO PL	1.000 EA
HA1100A06	SCREEN, RODENT	1.000 EA
13XT0832A07	8-32X7/16 TYP 23 PAN HD SLT DX	4.000 EA
36CB4516	36 LIPPED CB LID	1.000 EA
37GS1001SP	GASKET, CONDUIT BOX LID, .06 THICK LEXID	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HW2501E16	3KEY, 1/4 SQ X 1.750	1.000 EA
HA7000A02	KEY RETAINER RING, 1 1/8 DIA, 1 3/8 DIA	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
LB1419	CONN LABEL DODGE BRAKE (REL# 411614-15)	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
36FN3000C01SP	EXFN, PLASTIC, 5.25 OD, .912 ID	1.000 EA
MG1000N49	PAINT, 678.50 WILKO, REL GRN (55 GA)	0.022 GA
HA3101A25	THRUBOLT 1/4-20 X 11.000 OHIO ROD	4.000 EA
46BK0400B01	DBSC-V-15-MA-230/460 VAC	1.000 EA
LB1119	WARNING LABEL	1.000 EA
LB1357	ENERGY GUIDE LABEL (BOX LABEL)	1.000 SH
LB5040	INSTRUCTION TAG, AC & DC	1.000 EA
LB1125C02	SUPER-E (STOCK CTN LABEL SUPER-E WITH FL	1.000 EA
LC0005	CONN.DIA.,TY M,9-LD,DUAL VOLT,REVERSING	1.000 EA
NP2105L	ALUM SUPER-E UL CSA-EEV CE CC	1.000 EA
G0PA1000	PACKAGING GROUP	1.000 EA
PK3082	STYROFOAM CRADLE	1.000 EA

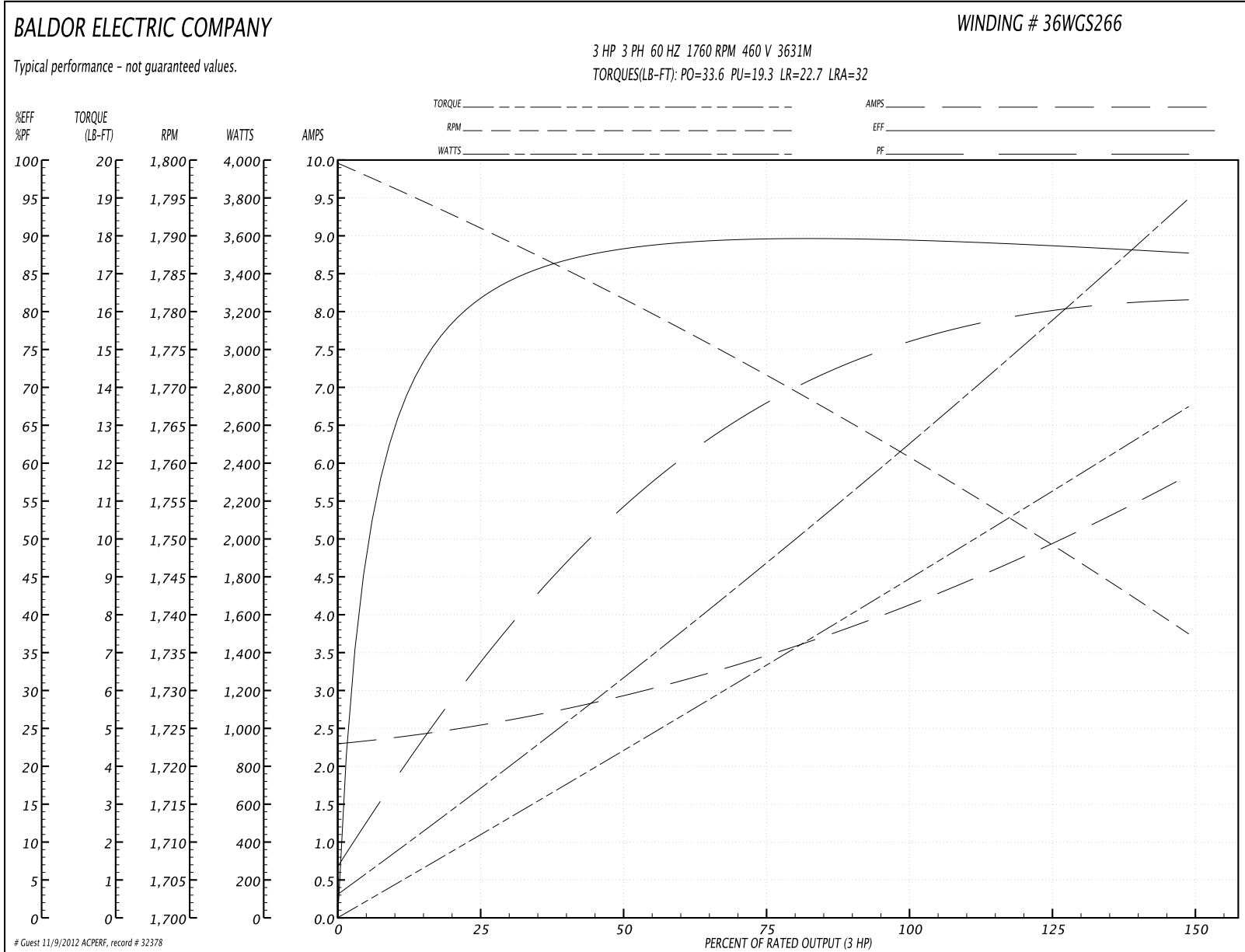
Performance Data at 460V, 60Hz, 3.0HP (Typical performance - Not guaranteed values)**General Characteristics**

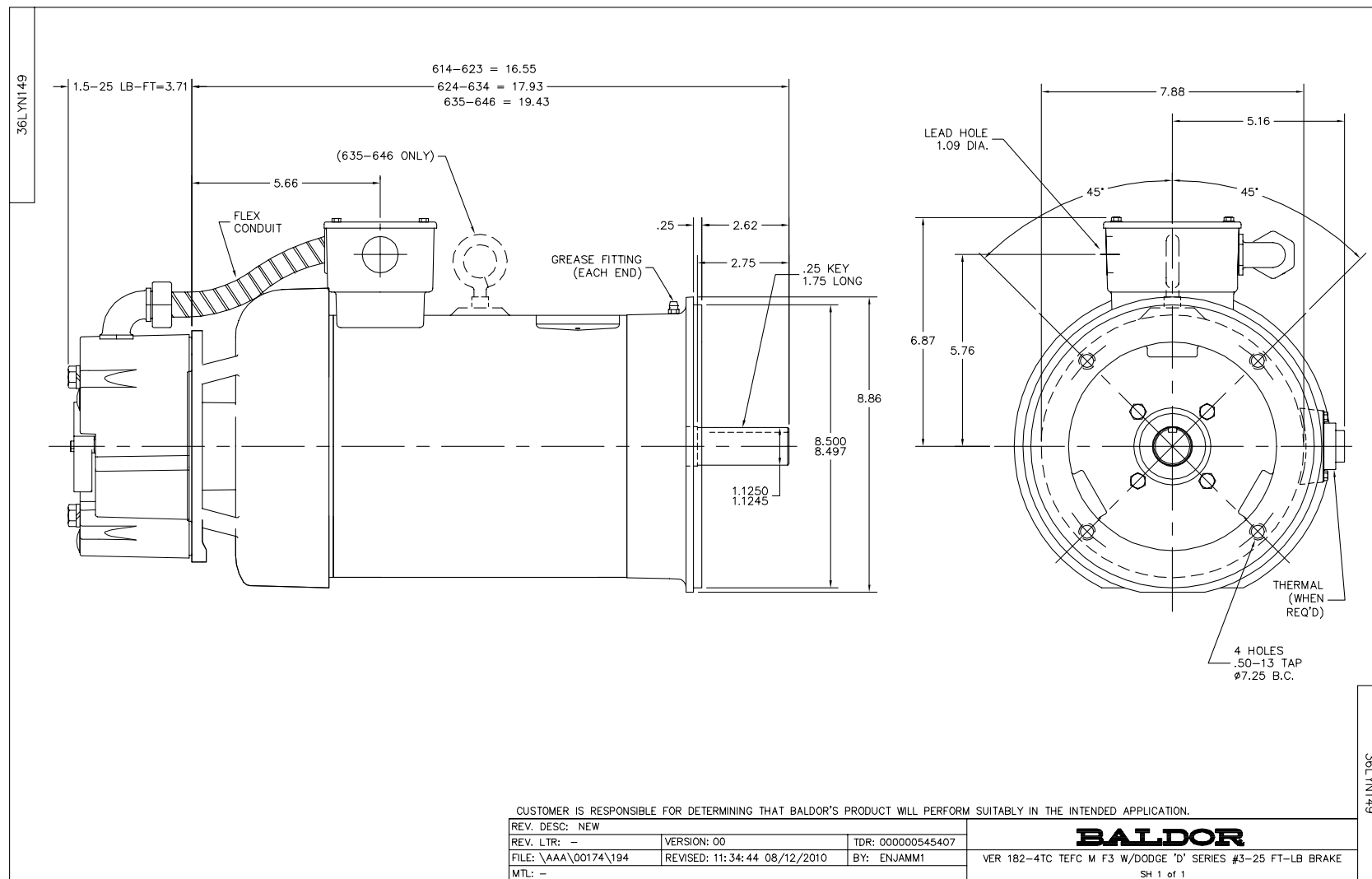
Full Load Torque:	8.88 LB-FT	Start Configuration:	DOL
No-Load Current:	2.33 Amps	Break-Down Torque:	33.6 LB-FT
Line-line Res. @ 25°C.:	4.01 Ohms A Ph / 0.0 Ohms B Ph	Pull-Up Torque:	19.3 LB-FT
Temp. Rise @ Rated Load:	40 C	Locked-Rotor Torque:	22.7 LB-FT
Temp. Rise @ S.F. Load:	48 C	Starting Current:	32.0 Amps

Load Characteristics

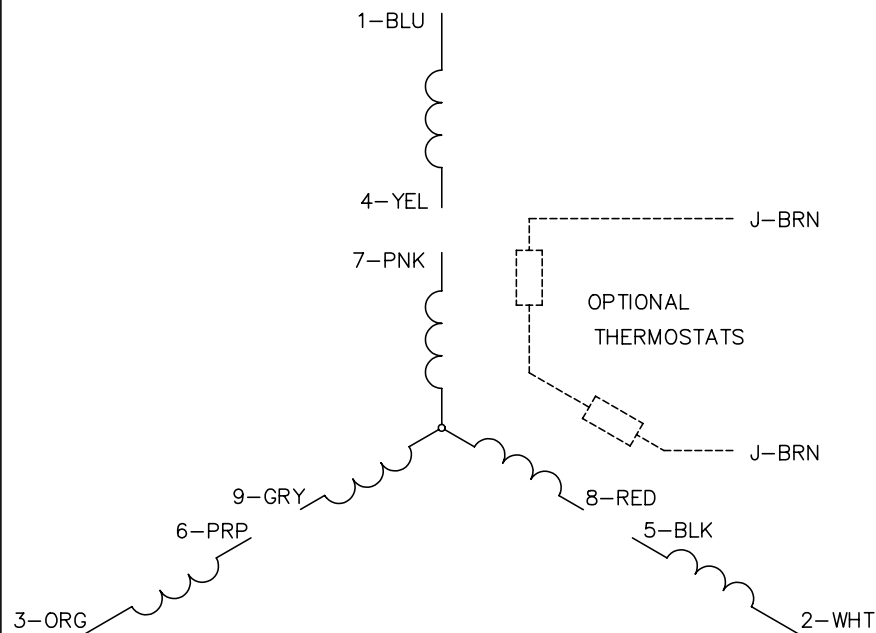
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	34.0	54.0	68.0	75.0	79.0	82.0	77.0
Efficiency:	80.9	87.8	89.5	89.6	88.9	88.0	89.2
Speed:	1791.0	1781.8	1771.6	1761.8	1749.6	1737.2	1754.0
Line Amperes:	2.5	2.89	3.43	4.15	4.95	5.81	4.63

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

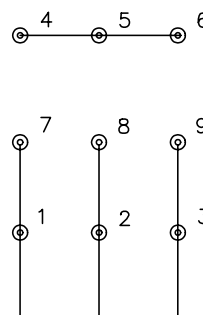




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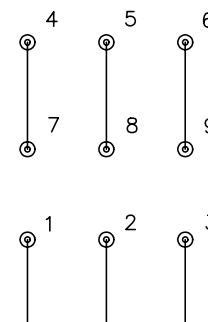


LOW VOLTAGE
(2Y)



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

9000D0

FILE: AAA00005140

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

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