

BALDOR® • RELIANCE

Product Information Packet

EBM3615T

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

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Part Detail										
Revision:	B	Status:	PRD/A	Change #:		Proprietary:	No			
Type:	AC	Prod. Type:	3642M	Elec. Spec:	36WGS268	CD Diagram:				
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	36R030	Layout:				
Frame:	184T	Mounting:	F1	Poles:	04	Created Date:	08-02-2010			
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	10-01-2012			
Leads:	9#16	Literature:		Elec. Diagram:		Replaced By:				
Nameplate NP1259L										
CAT.NO.		EBM3615T								
SPEC.		36R030S268G1								
HP		5								
VOLTS		208-230/460								
AMP		13.9-13.4/6.7								
RPM		1750								
FRAME		184T		HZ			60	PH	3	
SER.F.		1.15		CODE			J	DES	B	CL F
NEMA-NOM-EFF		89.5		PF			78			
RATING		40C AMB-CONT								
CC				USABLE AT 208V			13.9			
DE		6206		ODE			6205			
ENCL		TEFC		SN						

Parts List		
Part Number	Description	Quantity
SA200712	SA 36R030S268G1	1.000 EA
RA188025	RA 36R030S268G1	1.000 EA
S/P107-000-001	SUPER E PROC'S-FS & WS PLTS-POLYREX EM G	1.000 EA
36CB3000SP	CONDUIT BOX, CAST	1.000 EA
36GS1000SP	GASKET-CONDUIT BOX, .06 THICK #SV-330 LE	1.000 EA
51XB1016A07	10-16 X 7/16 HXWSSLD SERTYB	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
HW3001B01	003SS CUP WASHER, FOR #8 SCREW	1.000 EA
36EP1303A50	FR ENDPLATE, TAP FOR T-BOLT, W/O TIGHTSL	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 EA
36EP3100A01SP	PU ENDPLATE, MACH	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
BR1003A01	BRAKE RELEASE LEVER	1.000 EA
HW2501D08	KEY, 3/16 SQ X .875 AUTO	1.000 EA
51XB1016A07	10-16 X 7/16 HXWSSLD SERTYB	1.000 EA
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000 EA
35FH5000A08SP	FAN COVER ASSY FOR BRAKE MTRS,W/ AUTOPHE	1.000 EA
HA1014A02SP	SPL SPACER FOR FAN COVER MTD ON BRAKE	3.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 EA
35CB4514	35 LIPPED CB LID	1.000 EA
36GS1001SP	GASKET, CONDUIT BOX LID, .06 THICK #SV-3	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

Parts List (continued)		
Part Number	Description	Quantity
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
HW3200A01	3/8-16X3/4 I-BLT WELDED F/S	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
35FN3002A05SP	EXFN, PLASTIC, 6.376 OD, .638 ID	1.000 EA
LB1115	LABEL,LIFTING DEVICE	1.000 EA
LB1404	BRAKE CONNECTION LABEL	1.000 EA
84XN3816J36	3/8-16X2-1/4 SOCK HD, BK OX	4.000 EA
HA3101A28	THRUBOLT 1/4-20 X 12.500 OHIO ROD	4.000 EA
76BK6100DQF	1-056-061-00-DQF BRAKE TDR 96653	1.000 EA
MG1000Y03	WILKO 689.710 GOLD PAINT SUPER E	0.022 GA
LB1125C02	SUPER-E (STOCK CTN LABEL SUPER-E WITH FL	1.000 EA
LC0005E01	CONN.DIA./WARNING LABEL (LC0005/LB1119)	1.000 EA
LB1357	ENERGY GUIDE LABEL (BOX LABEL)	1.000 SH
NP1259L	ALUM SUPER-E UL CSA-EEV CC NEMA PREMIUM	1.000 EA
G0PA1000	PACKAGING GROUP	1.000 EA

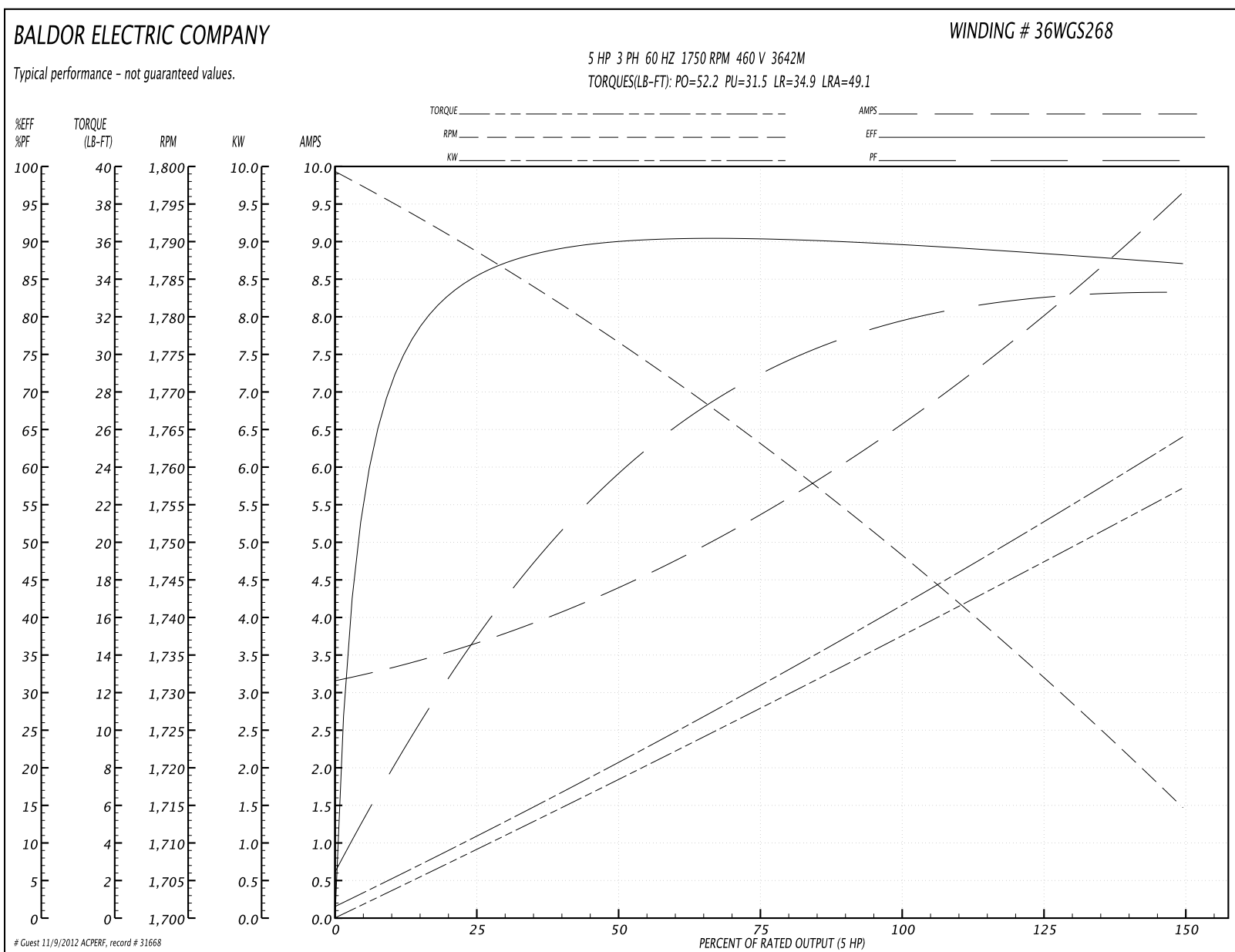
Performance Data at 460V, 60Hz, 5.0HP (Typical performance - Not guaranteed values)**General Characteristics**

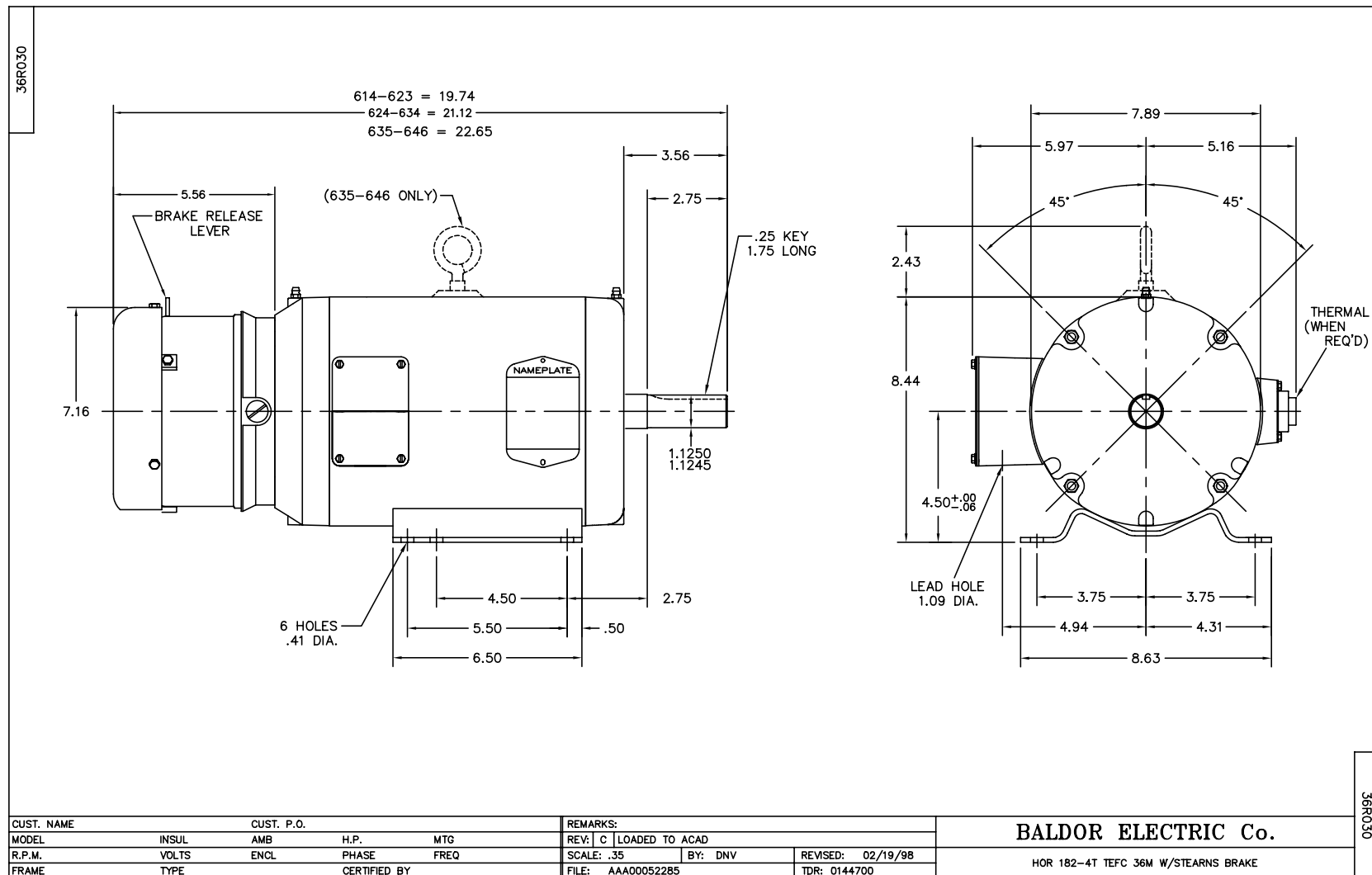
Full Load Torque:	14.9 LB-FT	Start Configuration:	DOL
No-Load Current:	3.24 Amps	Break-Down Torque:	52.2 LB-FT
Line-line Res. @ 25°C.:	2.31 Ohms A Ph / 0.0 Ohms B Ph	Pull-Up Torque:	31.5 LB-FT
Temp. Rise @ Rated Load:	71 C	Locked-Rotor Torque:	34.9 LB-FT
Temp. Rise @ S.F. Load:	87 C	Starting Current:	49.1 Amps

Load Characteristics

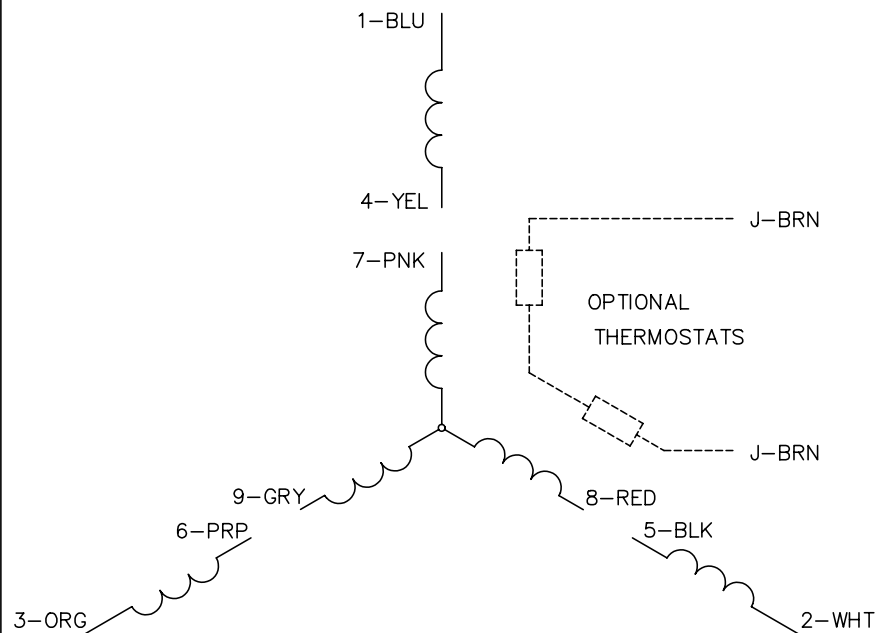
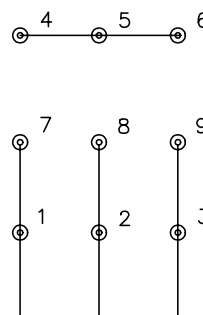
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	39.0	60.0	72.0	78.0	83.0	83.0	81.0
Efficiency:	84.9	89.7	90.3	89.8	88.8	87.0	89.2
Speed:	1789.1	1776.2	1762.3	1749.7	1732.5	1714.3	1739.0
Line Amperes:	3.55	4.31	5.43	6.65	7.94	9.64	7.42

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

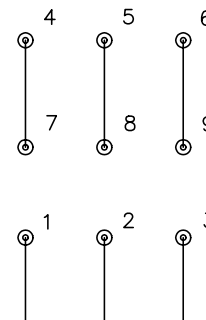




CD0005


 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

9000D0

FILE: AAA00005140

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, DV, 9 LEADS

CD0005