

BALDOR® • RELIANCE

Product Information Packet

EM3211TA

3HP,1755RPM,3PH,60HZ,182T,3631M,OPSB,F1

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Part Detail									
Revision:	F	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3631M	Elec. Spec:	36WGS576	CD Diagram:			
Enclosure:	OPSB	Mfg Plant:		Mech. Spec:	36B101	Layout:			
Frame:	182T	Mounting:	F1	Poles:	04	Created Date:	09-17-2010		
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	05-24-2012		
Leads:	12#16	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP2601L									
CAT.NO.	EM3211TA								
SPEC.	36B101S576G1								
HP	3								
VOLTS	208-230/460								
AMP	8.9-8.8/4.4								
RPM	1760								
FRAME	182T	HZ			60	PH	3		
SER.F.	1.15	CODE			K	DES	B	CL	F
NEMA-NOM-EFF	89.5	PF			75				
RATING	40C AMB-CONT								
CC	010A	USABLE AT 208V							
DE	6206	ODE			6205				
ENCL	OPSB	SN							

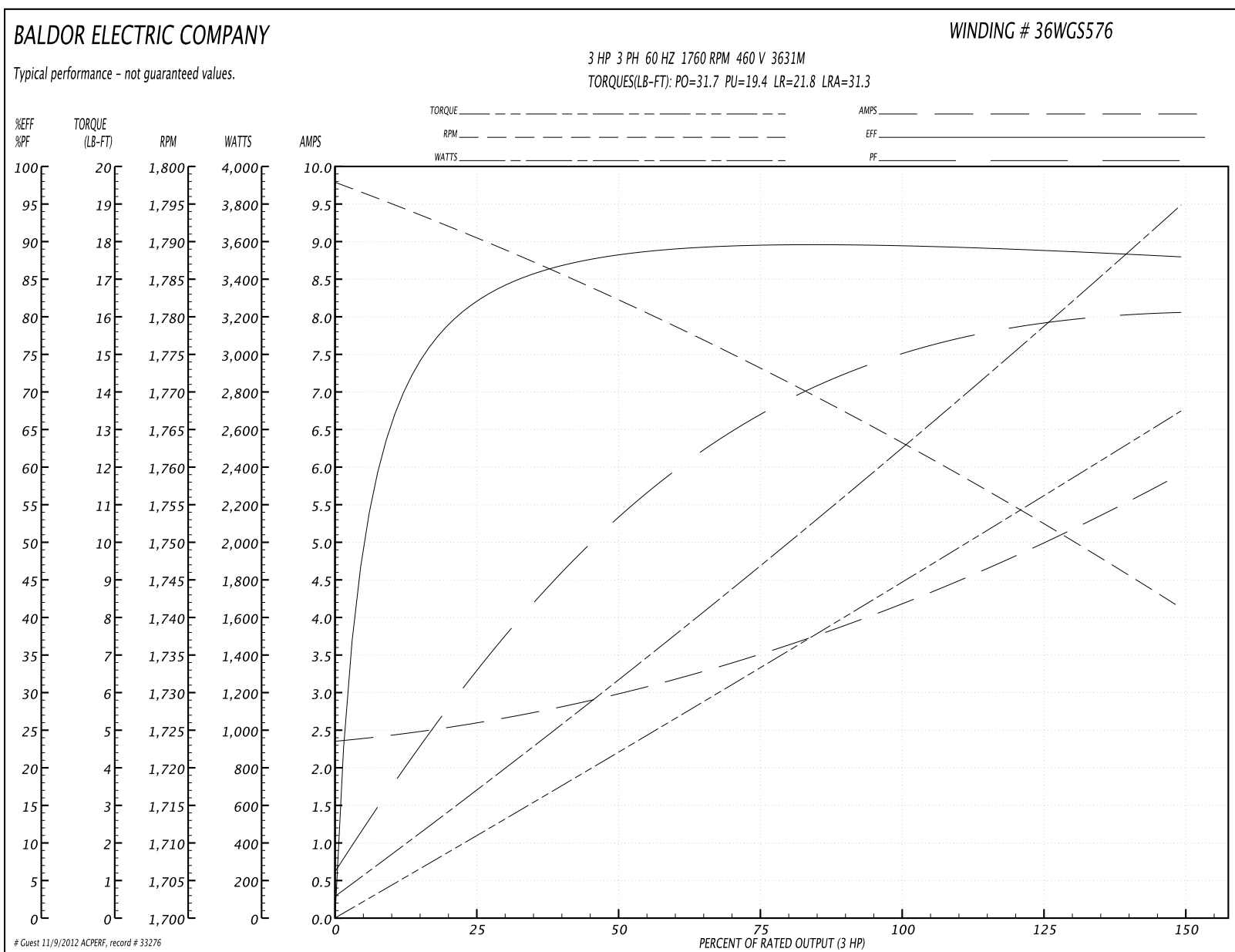
Parts List		
Part Number	Description	Quantity
SA203252	SA 36B101S576G1	1.000 EA
RA190513	RA 36B101S576G1	1.000 EA
S/P107-000-001	SUPER E PROC'S-FS & WS PLTS-POLYREX EM G	1.000 EA
36CB3004	36 CB CASTING W/1.09 DIA LEAD HOLE @ 6:0	1.000 EA
51XB1016A08	10-16X 1/2HXWSSLD SERTYB	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
HW3001B01	003SS CUP WASHER, FOR #8 SCREW	1.000 EA
36EP3200A01SP	FR ENDPLATE, MACH	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 EA
36EP3201A01	PU ENDPLATE, MACH 182-4T	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
XY2520A12	1/4-20 HEX NUT, DIRECTIONAL SERRATIONS	4.000 EA
36CB4516	36 LIPPED CB LID	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
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
MG1000Y03	WILKO 689.710 GOLD PAINT SUPER E	0.022 GA
HA3101A25	THRUBOLT 1/4-20 X 11.000 OHIO ROD	4.000 EA
36AD2004A01	BAFFLE PLATE,MOD 36-SLTD BAND MTRS DELTA	2.000 EA
LB1118	LABEL,WARNING (ROLL LABEL)	1.000 EA
LB1125C02	SUPER-E (STOCK CTN LABEL SUPER-E WITH FL	1.000 EA

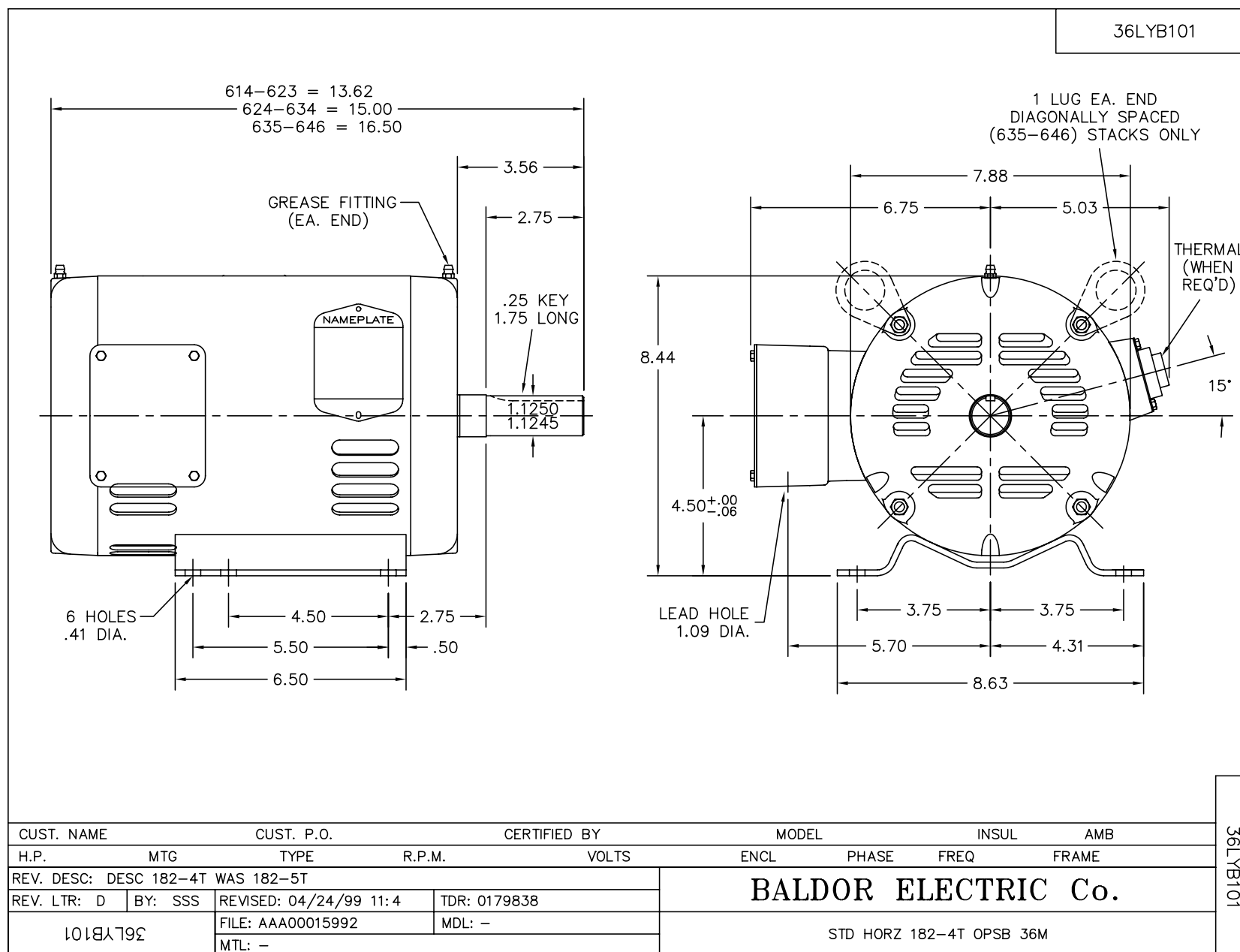
Parts List (continued)		
Part Number	Description	Quantity
LB1357	ENERGY GUIDE LABEL (BOX LABEL)	1.000 SH
LC0007	CONN.DIAGRAM (3PHASE W/THERMAL)	1.000 EA
NP2601L	ALUM SUPER-E UL CSA-EEV PREM CC THERMAL	1.000 EA
36PA1000	PACK GROUP W/LB5001	1.000 EA

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

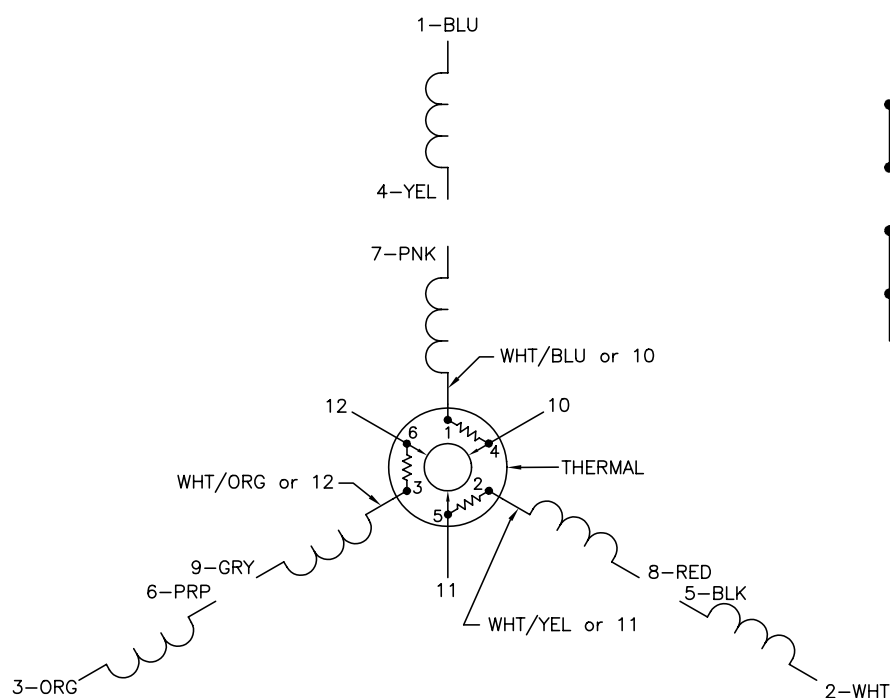
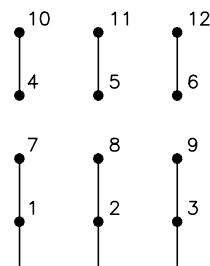
General Characteristics							
Full Load Torque:		8.91 LB-FT		Start Configuration:		DOL	
No-Load Current:		2.36 Amps		Break-Down Torque:		31.7 LB-FT	
Line-line Res. @ 25°C.:		3.8761 Ohms A Ph / 0.0 Ohms B Ph		Pull-Up Torque:		19.4 LB-FT	
Temp. Rise @ Rated Load:		25 C		Locked-Rotor Torque:		21.8 LB-FT	
Temp. Rise @ S.F. Load:		30 C		Starting Current:		31.3 Amps	
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	33.0	53.0	67.0	75.0	79.0	81.0	77.0
Efficiency:	82.4	88.6	89.9	89.8	89.2	88.3	89.4
Speed:	1790.6	1782.3	1773.3	1763.4	1752.7	1741.2	1757.0
Line Amperes:	2.58	2.98	3.51	4.17	4.98	5.91	4.66

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

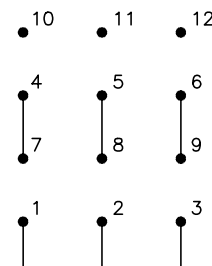




CD0007

LOW VOLTAGE
(2Y)

LINE

HIGH VOLTAGE
(1Y)

LINE

NOTES:

1. INTERCHANGE ANY TWO LINE LEADS TO REVERSE ROTATION.
2. ACTUAL NUMBER OF INTERNAL PARALLEL CIRCUITS MAY VARY.
3. LEAD COLORS ARE OPTIONAL. LEADS MUST ALWAYS BE NUMBERED AS SHOWN.

REV. DESC: ADDED "CK" PLANT CODE

REV. LTR: E

BY: EAH

REVISED: 05/06/99 17:1

TDR: 0181040

L00000

FILE: AAA00008370

MDL: -

MTL: -

BALDOR ELECTRIC Co.

3PH, DV, THERMAL, 12 LEADS

CD0007