

BALDOR® • RELIANCE

Product Information Packet

L3514TM

1.5HP,1725RPM,1PH,60HZ,145T,3532LC,TEFC

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Part Detail									
Revision:	D	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3532LC	Elec. Spec:	35WGW114	CD Diagram:			
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	35HH612	Layout:			
Frame:	145T	Mounting:	F1	Poles:	04	Created Date:	12-22-2009		
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	10-28-2011		
Leads:	4#16 A&J,3#18 B PH,1#	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP1257L									
CAT.NO.	L3514TM								
SPEC.	35HH612W114								
HP	1.5								
VOLTS	115/208-230								
AMP	16/7.9-8								
RPM	1725								
FRAME	145T	HZ			60	PH	1		
SER.F.	1.00	CODE			J	DES	L	CL	B
NEMA-NOM-EFF	75.5	PF			80				
RATING	40C AMB-CONT								
CC		USABLE AT 208V							
DE	6205	ODE			6203				
ENCL	TEFC	SN							

Parts List		
Part Number	Description	Quantity
SA189103	SA 35HH612W114	1.000 EA
RA176822	RA 35HH612W114	1.000 EA
OC3015F12SP	CYL OIL CAP 15MFD/370V	1.000 EA
EC1645A06SP	ELEC CAP, 645-774 MFD, 125V, 2.06D X 4.	1.000 EA
TP5059	GENERIC THERMAL KIT	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
35CB3009	35 CB CASTING W/1.09 DIA. LEAD HOLE @ 6:	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
35EP3100M01	FREP TEFC 203 BRG W/GRSR (RAISED FH PADS	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000 EA
35CB3801SP	CAPACITOR COVER, CAST	1.000 EA
34GS3002	GASKET, CAPACITOR BOX	1.000 EA
HA7010	CAPACITOR RETENTION CLAMP	1.000 EA
NS2501A02	INSULATOR, CAPACITOR BOX	1.000 EA
51XB1016A08	10-16X 1/2HXWSSLD SERTYB	2.000 EA
HW5100A03SP	WAVY WASHER (W1543-017)	1.000 EA
35EP3101A01SP	STD PU EP-ENCLOSED-205 BRG-W/GREASER	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
XY1032A02	10-32 HEX NUT DIRECTIONAL SERRATION	4.000 EA
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000 EA
35FH4005A84SP	IEC FH W/GRSR, NO DIMPLES W/AUTOPHERETIC	1.000 EA

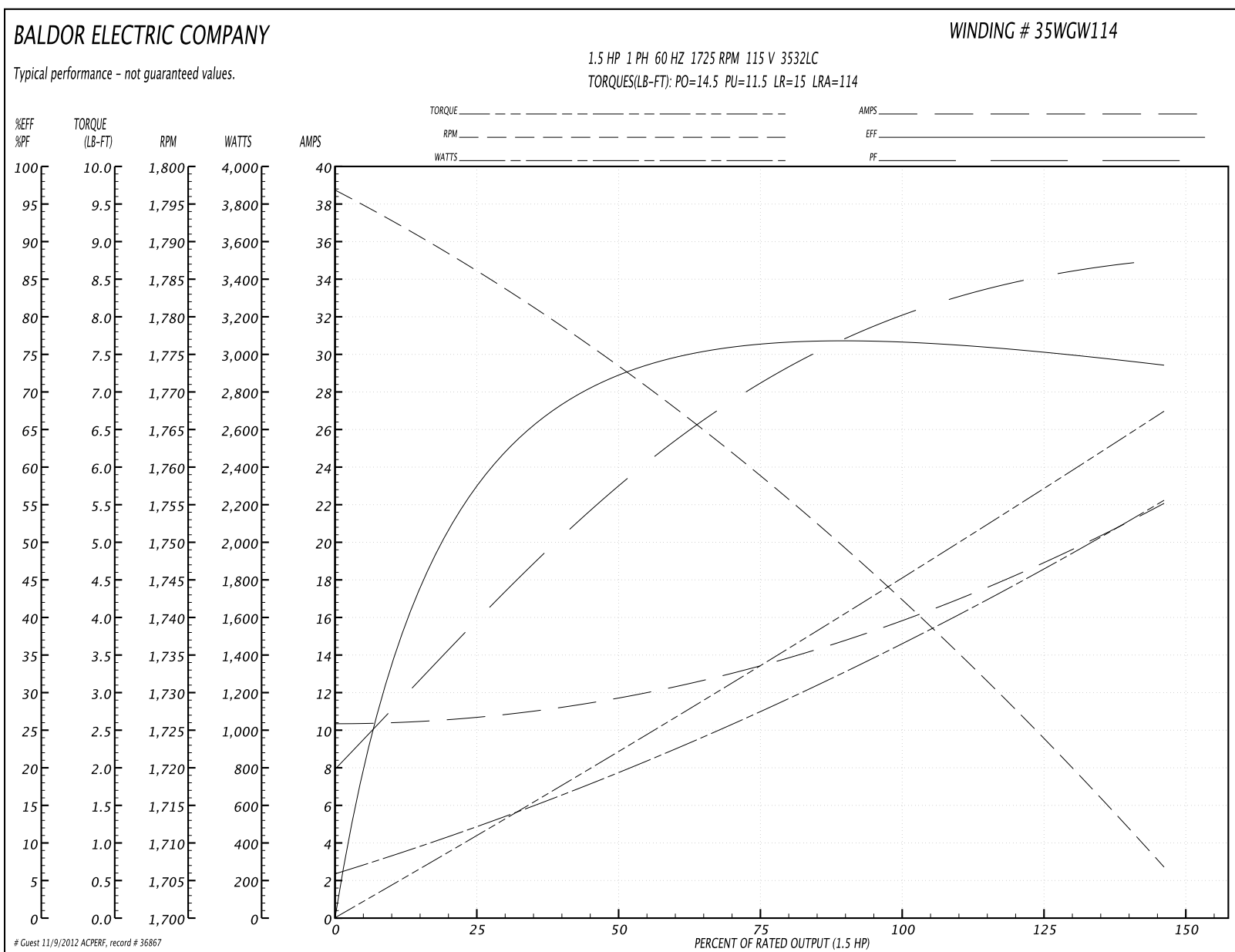
Parts List (continued)		
Part Number	Description	Quantity
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 EA
35CB4521GX	CONDUIT BOX LID KIT	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HW2501D13SP	KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A01	KEY RETAINER 7/8" DIA SHAFT	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
LB1087	LABEL,MANUAL RESET (ROLL LABEL)	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
35FN3002A05SP	EXFN, PLASTIC, 6.376 OD, .638 ID	1.000 EA
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.017 GA
WD1000A15	3-520132-2 AMP FLAG (4M/RL NON-CANC/NON-	4.000 EA
SP5056A61	MODEL 35 LC STATIONARY SWITCH LEAD ASSY	1.000 EA
34GS5003	FOAM SLEEVE, ID = 2 1/16" X 3 3/8"	1.000 EA
HA3100A22	THRUBOLT 10-32 X 10.125	4.000 EA
LB1119	WARNING LABEL	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0016	CONNECTION LABEL	1.000 EA
NP1257L	ALUM UL CSA CC THERMAL REV MTG	1.000 EA
36PA1000	PACK GROUP W/LB5001	1.000 EA

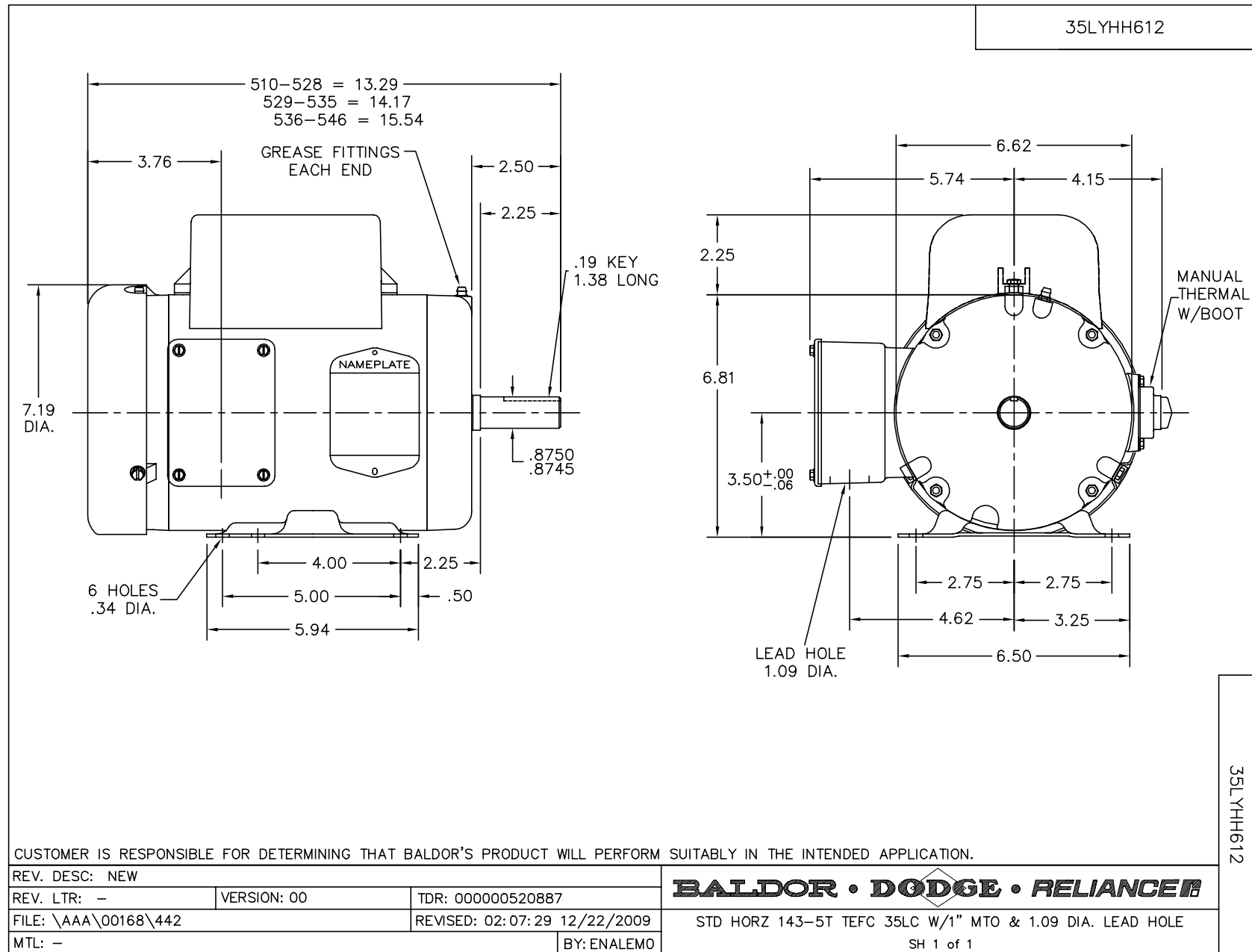
Accessories		
Part Number	Description	Multiplier
35-8762	C FACE KIT	A8
35EP1506A01SP	D-FLANGE KIT	A8

Performance Data at 115V, 60Hz, 1.5HP (Typical performance - Not guaranteed values)

General Characteristics							
Full Load Torque:		4.5 LB-FT		Start Configuration:		DOL	
No-Load Current:		10.4 Amps		Break-Down Torque:		14.5 LB-FT	
Line-line Res. @ 25°C.:		0.354 Ohms A Ph / 1.12 Ohms B Ph		Pull-Up Torque:		11.5 LB-FT	
Temp. Rise @ Rated Load:		76 C		Locked-Rotor Torque:		15.0 LB-FT	
Temp. Rise @ S.F. Load:				Starting Current:		114.0 Amps	
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	40.0	58.0	72.0	80.0	84.0	88.0	0.0
Efficiency:	59.4	71.7	76.2	76.7	75.8	73.4	0.0
Speed:	1784.0	1773.0	1759.0	1743.0	1726.0	1706.0	0.0
Line Amperes:	10.6	11.8	13.4	15.8	18.8	22.0	0.0

Performance Graph at 115V, 60Hz, 1.5HP Typical performance - Not guaranteed values





CD0016A02

