

BALDOR® • RELIANCE

Product Information Packet

JML3608T

5HP,3450RPM,1PH,60HZ,184JM,3640LC,TEFC

Copyright © All product information within this document is subject to Baldor Electric Company copyright © protection, unless otherwise noted.

Part Detail									
Revision:	Z	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3640LC	Elec. Spec:	36WGW914	CD Diagram:			
Enclosure:	TEFC	Mfg Plant:		Mech. Spec:	36E510	Layout:			
Frame:	184JM	Mounting:	F1	Poles:	02	Created Date:			
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	05-19-2011		
Leads:	2#14 A PH,2#16 B PH	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP1256L									
CAT.NO.	JML3608T								
SPEC.	36E510W914								
HP	5								
VOLTS	230								
AMP	19.5								
RPM	3450								
FRAME	184JM	HZ	60	PH	1				
SER.F.	1.00	CODE	G	DES	L	CLASS	F		
NEMA-NOM-EFF	83	PF	99						
RATING	40C AMB-CONT								
CC		USABLE AT 208V							
DE	6207	ODE	6205						
ENCL	TEFC	SN							

Parts List		
Part Number	Description	Quantity
SA034656	SA 36E510W914	1.000 EA
RA030684	RA 36E510W914	1.000 EA
OC3040F09SP	CYL OIL CAP 40MFD/370V	1.000 EA
EC1161C06SP	ELEC CAP, 161-193 MFD, 250V, 2.06D X 4.	2.000 EA
36CB3004	36 CB CASTING W/1.09 DIA LEAD HOLE @ 6:0	1.000 EA
36GS1000SP	GASKET-CONDUIT BOX, .06 THICK #SV-330 LE	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
36EP3104A01	FREP MACH W/GRSR, RAISED FH PADS	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
13XF0832A08	8-32 X.50 PAN HD,SLTD, TYPE F SCREW, ZIN	2.000 EA
36GS3000	GASKET, CAPACITOR COVER LEXIDE	1.000 EA
10XN2520A12	O1/4-20X 3/4 HEX HEAD CAP	2.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 EA
36EP3405T01	PUEP ENCL 207 BRG T'SLV,GRSR,DRAIN	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	4.000 EA
10XN2520A24	1/4-20X 1 1/2 HEX HD X	4.000 EA
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000 EA
36FH4009A102SP	IEC FH GREASER W/AUTOPHERETIC PRIMER	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 EA
36CB4516	36 LIPPED CB LID	1.000 EA
37GS1001SP	GASKET, CONDUIT BOX LID, .06 THICK LEXID	1.000 EA

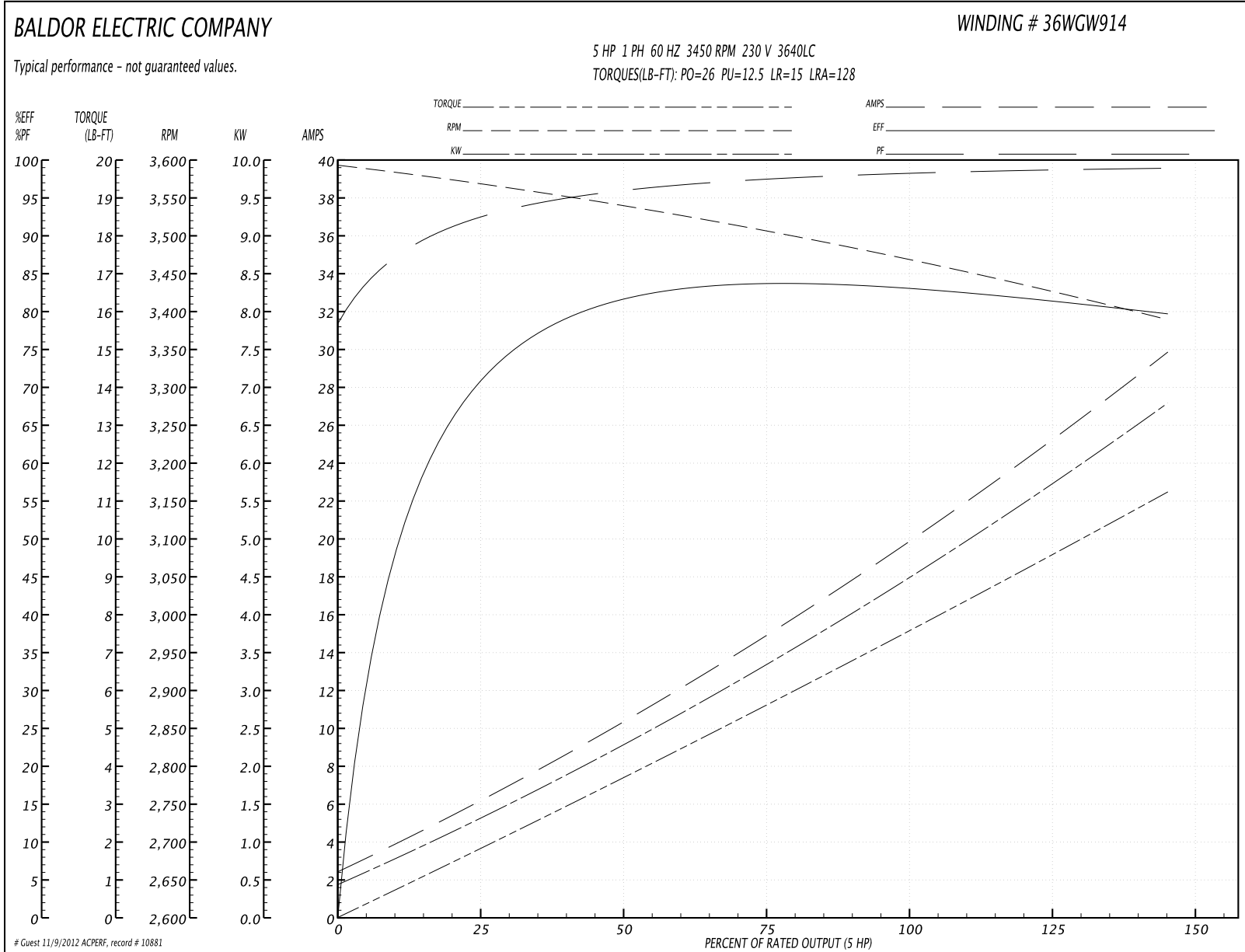
Parts List (continued)

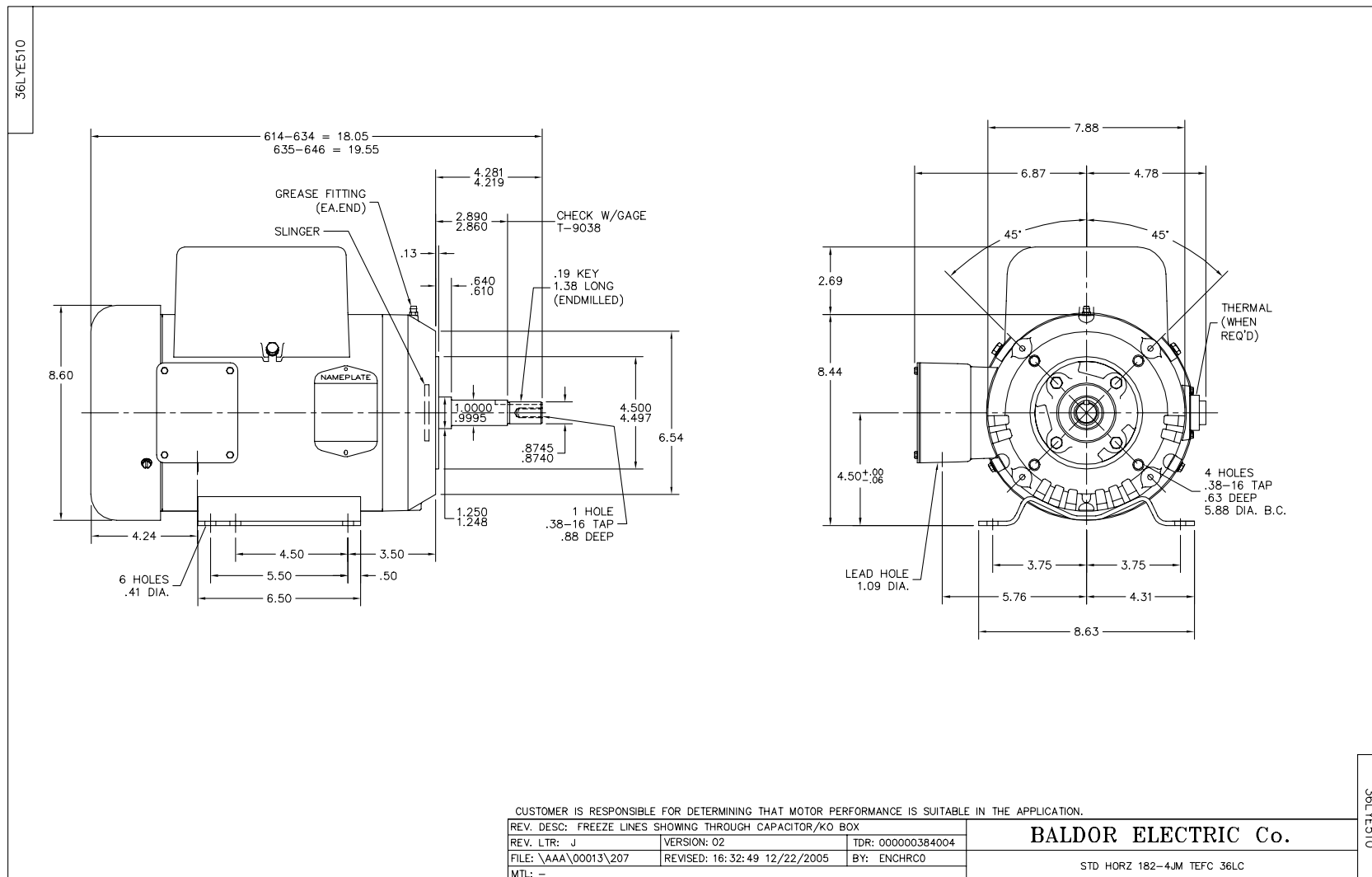
Part Number	Description	Quantity
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HA1005A07SP	SLINGER, OD 2.25, ID 1.344, 307 BRG	1.000 EA
HW2501D13SP	KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A01	KEY RETAINER 7/8" DIA SHAFT	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
36CB3800SP	CAPACITOR COVER, CAST	1.000 EA
HA7010A01	CAPACITOR RETENTION CLAMP, 6.562 LONG	1.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.022 GA
SP5064A01	MODEL 36 TYPE LC STATIONARY SWITCH LEAD	1.000 EA
WD1000A15	3-520132-2 AMP FLAG (4M/RL NON-CANC/NON-	6.000 EA
35FN3002A04SP	EXFN, PLASTIC, 6.376 OD, .906 ID W/KEY	1.000 EA
HA3101A28	THRUBOLT 1/4-20 X 12.500 OHIO ROD	4.000 EA
LB1119	WARNING LABEL	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0017	CONN LABEL-1 PHASE-SINGLE VOLT-REV ROTNO	1.000 EA
NP1256L	ALUM UL CSA CC	1.000 EA
G0PA1000	PACKAGING GROUP	1.000 EA

Performance Data at 230V, 60Hz, 5.0HP (Typical performance - Not guaranteed values)

General Characteristics							
Full Load Torque:		7.5 LB-FT		Start Configuration:		DOL	
No-Load Current:		2.3 Amps		Break-Down Torque:		26.0 LB-FT	
Line-line Res. @ 25°C.:		0.38 Ohms A Ph / 1.02 Ohms B Ph		Pull-Up Torque:		12.5 LB-FT	
Temp. Rise @ Rated Load:		93 C		Locked-Rotor Torque:		15.0 LB-FT	
Temp. Rise @ S.F. Load:				Starting Current:		128.0 Amps	
Load Characteristics							
% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	98.0	98.0	98.0	98.0	97.0	97.0	0.0
Efficiency:	66.4	81.5	83.9	83.9	82.1	79.2	0.0
Speed:	3565.0	3539.0	3507.0	3472.0	3430.0	3389.0	0.0
Line Amperes:	6.5	10.4	14.9	19.6	24.7	29.9	0.0

Performance Graph at 230V, 60Hz, 5.0HP Typical performance - Not guaranteed values





CD0017A02

