

BALDOR® • RELIANCE

Product Information Packet

JML1406T

3HP,3450RPM,1PH,60HZ,182,JM,3628L,OPEN,F

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Part Detail									
Revision:	D	Status:	PRD/A	Change #:		Proprietary:	No		
Type:	AC	Prod. Type:	3628L	Elec. Spec:	36WG0115	CD Diagram:			
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	36G095	Layout:			
Frame:	182JM	Mounting:	F1	Poles:	02	Created Date:	11-11-2005		
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	04-25-2012		
Leads:	4#14 A PH,2#16 B PH	Literature:		Elec. Diagram:		Replaced By:			
Nameplate NP1256L									
CAT.NO.	JML1406T								
SPEC.	36G095-0115G1								
HP	3								
VOLTS	115/208-230								
AMP	28/14.7-14								
RPM	3450								
FRAME	182JM	HZ	60	PH	1				
SER.F.	1.15	CODE	G	DES	L	CLASS	B		
NEMA-NOM-EFF	78	PF	88						
RATING	40C AMB-CONT								
CC		USABLE AT 208V	14.7						
DE	6207	ODE	6205						
ENCL	OPEN	SN							

Parts List		
Part Number	Description	Quantity
SA135874	SA 36G095-0115G1	1.000 EA
RA125582	RA 36G095-0115G1	1.000 EA
EC1850A06SP	ELEC CAP 115V 2.0 X 4.3 X	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
36EP3200A25	FR ENDPLATE, MACH	1.000 EA
HA1103A08	RODENT SCREEN, 36 FRAME, OPEN, FRONT END	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	4.000 EA
HW1000A10	#10 FLAT WASHER (SAE)	4.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
SP1008A01	BAFFLE, MODEL 36 & 37	1.000 EA
13XF0832A08	8-32 X.50 PAN HD,SLTD, TYPE F SCREW, ZIN	2.000 EA
35CB4802A02SP	CAPACITOR COVER, STAMPED X W/AUTOPHORET	1.000 EA
NS2501A01	INSULATOR, CAPACITOR	1.000 EA
51XB1016A05	10-16X5/16HX WA SL SR TYB (F/S)	2.000 EA
HW5100A05	WVY WSHR F/205 & 304 BRGS	1.000 EA
36EP3405A05	PUEP 182-4C OPEN 207 BRG W/BAFF. TSLV, G	1.000 EA
36AD2000	AIR BAFFLE	1.000 EA
60XW0632A06	6-32 X 3/8 TORX HEAD SCREW TAPTITE II	4.000 EA
HA1102A11	SCREEN, RODENT FOR 36EP3405	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	4.000 EA

Parts List (continued)		
Part Number	Description	Quantity
HW1000A10	#10 FLAT WASHER (SAE)	4.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	1.000 EA
HW4500A17	317400 ALEMITE GREASE RELIEF	1.000 EA
10XN2520A24	1/4-20X 1 1/2 HEX HD X	4.000 EA
HW1001A25	LOCKWASHER 1/4, ZINC PLT .493 OD, .255 I	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
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
WD1000A15	3-520132-2 AMP FLAG (4M/RL NON-CANC/NON-	2.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON	0.050 LB
MG1000G27	PAINT- S9282E CHARCOAL GREY	0.022 GA
HA3101A25	THRUBOLT 1/4-20 X 11.000 OHIO ROD	4.000 EA
SP5061A01	MODEL 36 TYPE L,F1,SMALL CAP CAN	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LC0001A01	CONN LABEL / WARNING LABEL (LC0001 / LB1	1.000 EA
NP1256L	ALUM UL CSA CC	1.000 EA
36PA1000	PACK GROUP W/LB5001	1.000 EA

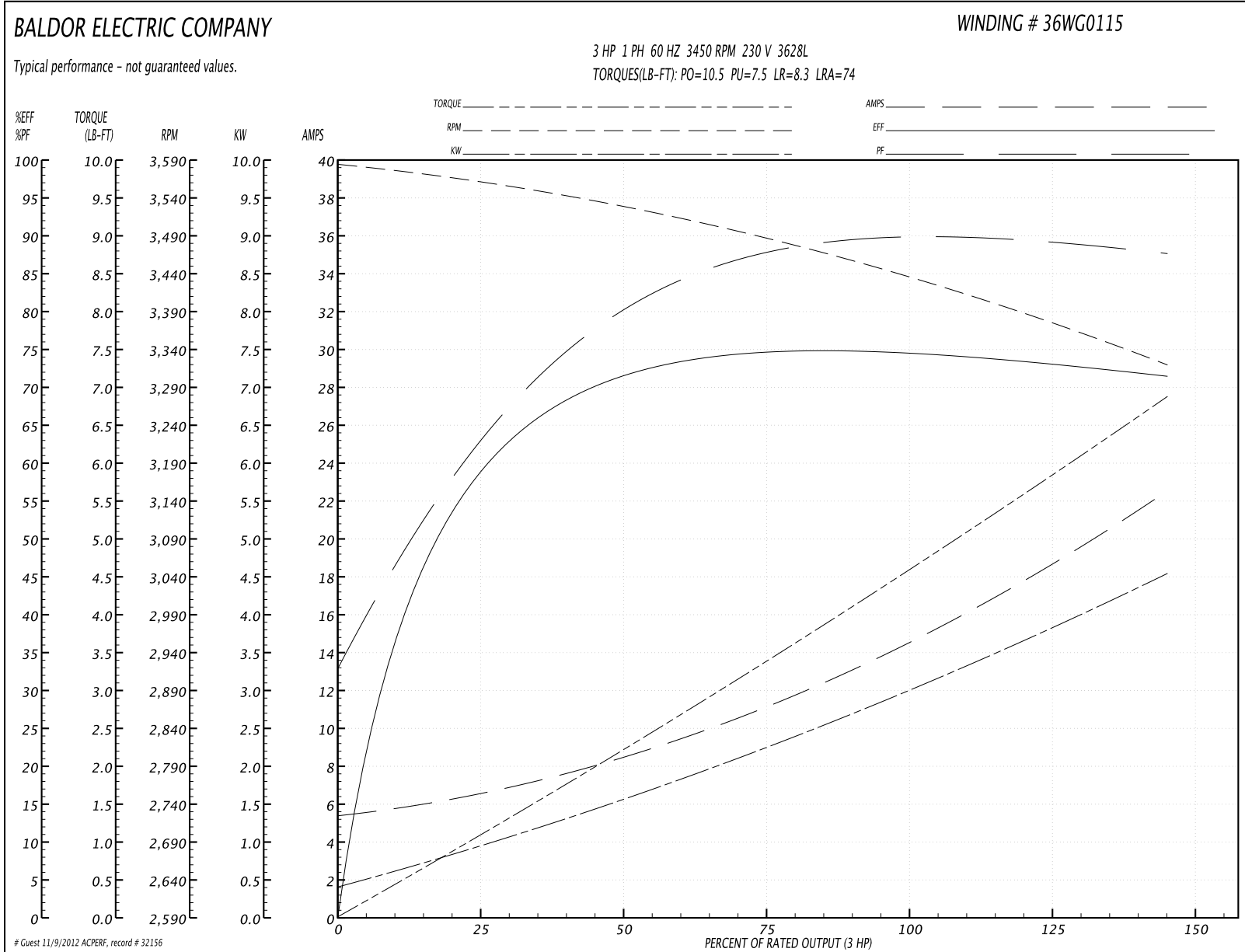
Performance Data at 230V, 60Hz, 3.0HP (Typical performance - Not guaranteed values)**General Characteristics**

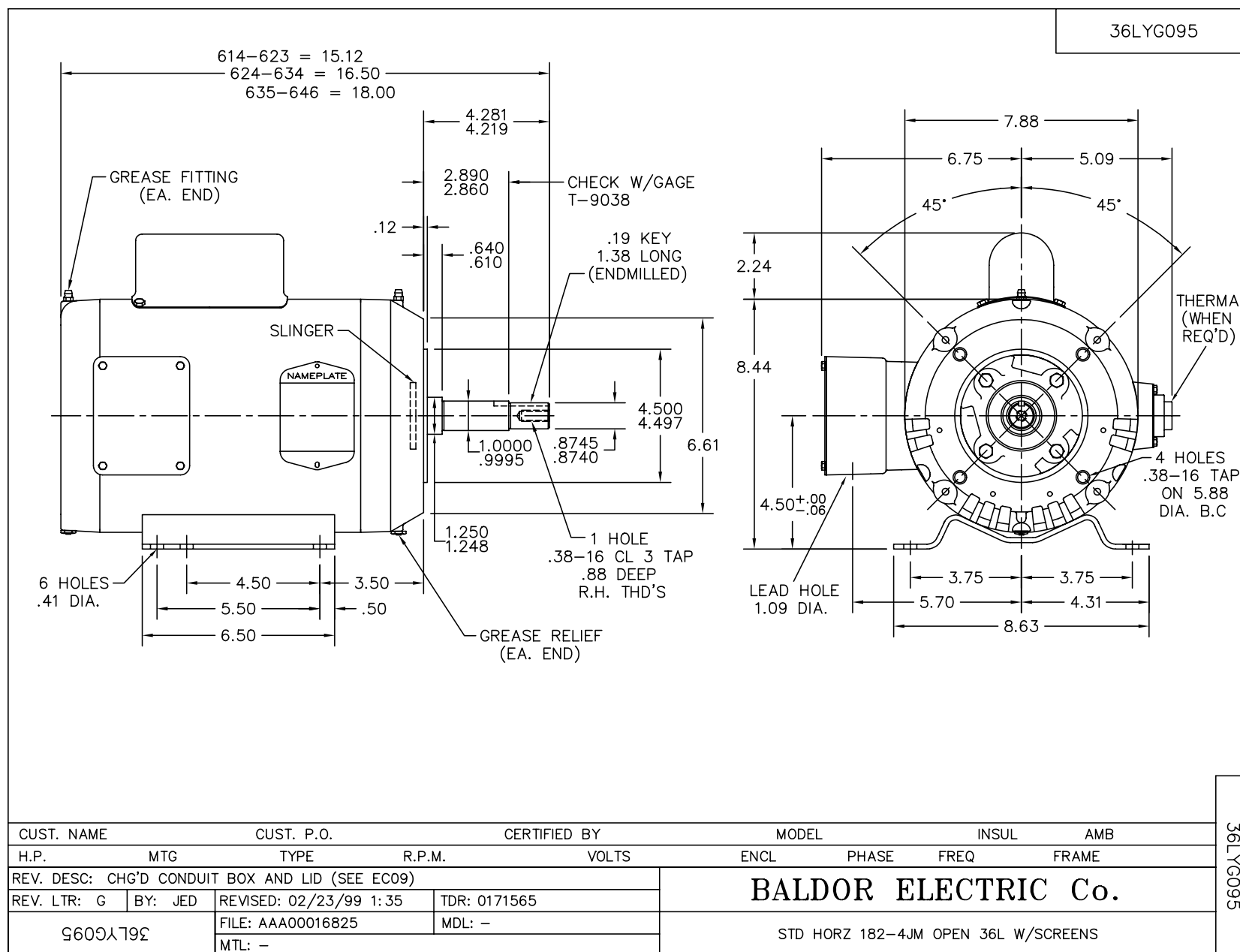
Full Load Torque:	4.6 LB-FT	Start Configuration:	DOL
No-Load Current:	5.35 Amps	Break-Down Torque:	10.5 LB-FT
Line-line Res. @ 25°C.:	0.175 Ohms A Ph / 0.914 Ohms B Ph	Pull-Up Torque:	7.5 LB-FT
Temp. Rise @ Rated Load:	56 C	Locked-Rotor Torque:	8.3 LB-FT
Temp. Rise @ S.F. Load:	74 C	Starting Current:	74.0 Amps

Load Characteristics

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor:	63.0	79.0	86.0	89.0	91.0	91.0	90.0
Efficiency:	58.1	70.7	74.6	75.2	73.9	70.9	74.4
Speed:	3557.0	3522.0	3484.0	3439.0	3385.0	3314.0	3407.0
Line Amperes:	6.6	8.7	11.4	14.5	18.2	22.7	16.7

Performance Graph at 230V, 60Hz, 3.0HP Typical performance - Not guaranteed values





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