

BALDOR® • RELIANCE

Product Information Packet

L1405T-50

HP,1425RPM,1PH,50HZ,182T,3628L,OPEN,F1

Part Detail							
Revision:	AF	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3628L	Elec. Spec:	36WG0394	CD Diagram:	CD0001
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	36D001	Layout:	36LYD001
Frame:	182T	Mounting:	F1	Poles:	04	Created Date:	
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	05-05-2011
Leads:	4#14 A PH,2#16 B PH					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1372L										
CAT.NO.	L1405T-50									
SPEC.	36D01-394									
HP	2									
VOLTS	110/220									
AMP	28/14									
RPM	1425									
FRAME	182T	HZ			50	PH		1		
SER.F.	1.15	CODE			H	DES		L	CL	B
NEMA-NOM-EFF	69	PF			67					
RATING	40C AMB-CONT									
CC		USABLE AT 208V								
DE	6206	ODE			6205					
ENCL	OPEN	SN								
	IP23									

Parts List		
Part Number	Description	Quantity
SA034370	SA 36D01-394	1.000 EA
RA030398	RA 36D01-394	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
36EP3200A01SP	FR ENDPLATE, MACH	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
NS2501A01	INSULATOR, CAPACITOR	1.000 EA
SP1008A01	BAFFLE, MODEL 36 & 37	1.000 EA
35CB4802A02SP	CAPACITOR COVER, STAMPED X W/AUTOPHORET	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
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
WD1000A15	3-520132-2 AMP FLAG (4M/RL NON-CANC/NON-	2.000 EA

Parts List (continued)		
Part Number	Description	Quantity
MJ1000A75	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
MG1000G27	MED CHARCOAL METALLIC GREY	0.022 GA
HA3101A25	THRUBOLT 1/4-20 X 11.000 OHIO ROD	4.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 10/13	1.000 EA
SP5061A01	MODEL 36 TYPE L,F1,SMALL CAP CAN	1.000 EA
LB1125C01	STD (STOCK) CARTON LABEL BALDOR WITH FLA	1.000 EA
LB1119N	WARNING LABEL	1.000 EA
LC0001	CONN LABEL TYPE L, 6 LEAD, DUAL VOLTS, R	1.000 EA
NP1372L	ALUM UL CSA CE CC	1.000 EA
36PA1000	PACK GROUP W/LB5001	1.000 EA

Accessories		
Part Number	Description	Multiplier
36-3403	C FACE KIT	A8
36EP1405A09SP	D-FLANGE KIT	A8

AC Induction Motor Performance Data

Record # 10474 - Typical performance - not guaranteed values

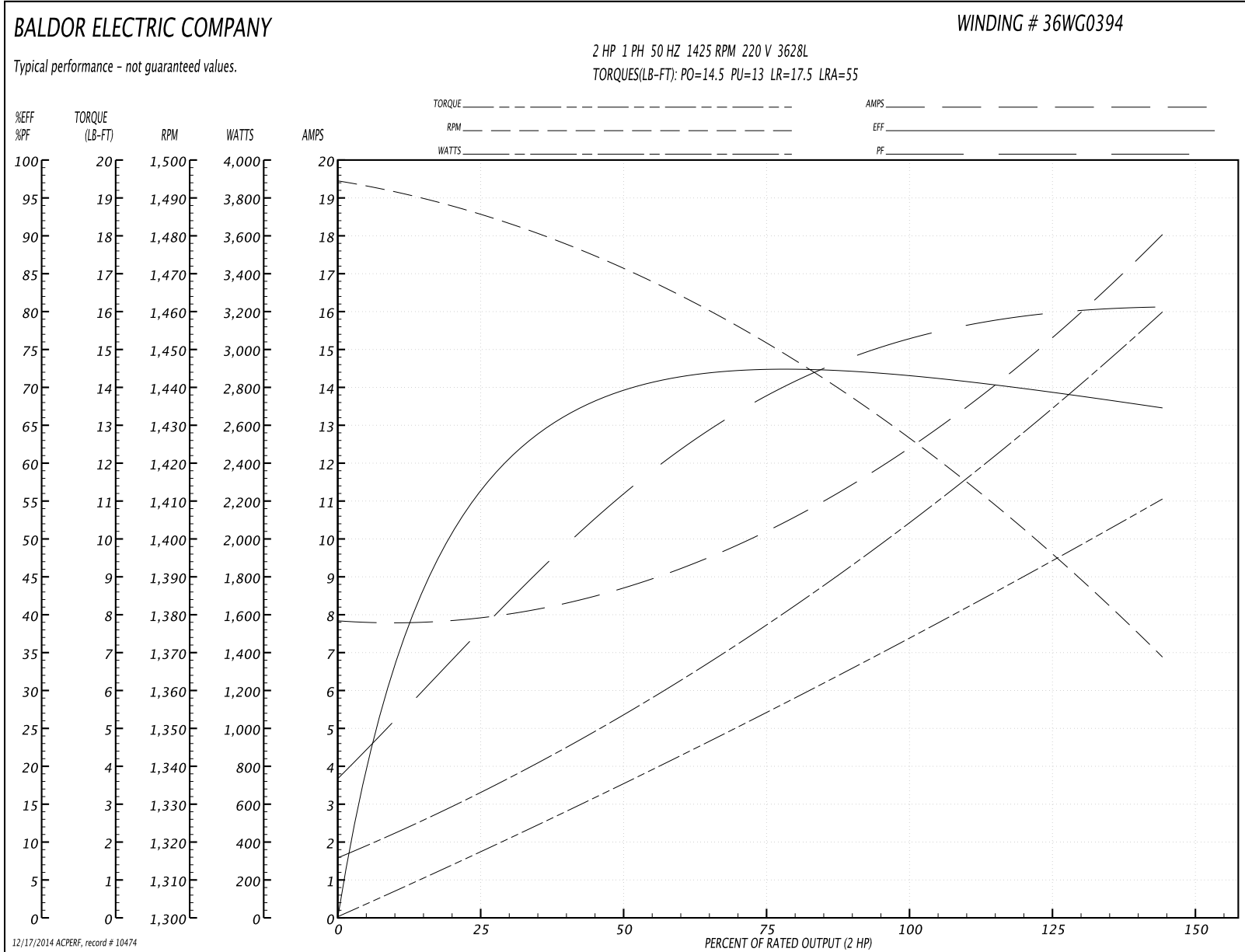
Winding: 36WG0394-R001	Type: 3628L	Enclosure: OPEN
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Nameplate Data				220 V, 50 Hz: High Voltage Connection	
Rated Output (HP)	2			Full Load Torque	7.4 LB-FT
Volts	110/220			Start Configuration	direct on line
Full Load Amps	28/14			Breakdown Torque	14.5 LB-FT
R.P.M.	1425			Pull-up Torque	13 LB-FT
Hz	50	Phase	1	Locked-rotor Torque	17.5 LB-FT
NEMA Design Code	L	KVA Code	H	Starting Current	55 A
Service Factor (S.F.)	1			No-load Current	7.7 A
NEMA Nom. Eff.	69	Power Factor	67	Line-line Res. @ 25°C	0.276 Ω A Ph 1.48 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	73°C

Load Characteristics 220 V, 50 Hz, 2 HP

% of Rated Load	25	50	75	100	125	150
Power Factor	38	56	68	76	81	84
Efficiency	55.1	68.1	72.2	72.6	70.7	66.4
Speed	1483	1467	1450	1429	1402	1365
Line amperes	8.05	8.95	10.4	12.3	14.8	18.3

Performance Graph at 220V, 50Hz, 2.0HP Typical performance - Not guaranteed values



12/17/2014 ACPERF, record # 10474

