

BALDOR® • RELIANCE

Product Information Packet

L1406T

3HP,3450RPM,1PH,60HZ,182T,3628L,OPEN,F1

Part Detail							
Revision:	AA	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3628L	Elec. Spec:	36WG0115	CD Diagram:	CD0001
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	36D001	Layout:	36LYD001
Frame:	182T	Mounting:	F1	Poles:	02	Created Date:	
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	09-10-2015
Leads:	4#14 A PH,2#16 B PH					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L

CAT.NO.	L1406T										
SPEC.	36D01-115										
HP	3										
VOLTS	115/230										
AMP	28/14										
RPM	3450										
FRAME	182T				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	6206			ODE	6205						
ENCL	OPEN		SN								

Parts List		
Part Number	Description	Quantity
SA034367	SA 36D01-115	1.000 EA
RA030395	RA 36D01-115	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	BRASS CUP WASHER, FOR #8 SCREW	1.000 EA
36FE3200A01	FR ENDPLATE, ASSEMBLY FOR ROUTING	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	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
36PE3201A01	PU ENDPLATE, ASSEMBLY FOR ROUTING	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
MJ1000A02	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB

Parts List (continued)		
Part Number	Description	Quantity
MG1000G27	MED CHARCOAL METALLIC GREY 400-0096	0.022 GA
EC1850A06SP	ELEC CAP 115V 2.0 X 4.3 X	1.000 EA
HA3101A25	THRUBOLT 1/4-20 X 11.000 OHIO ROD	4.000 EA
SP5172A09	37 TYPE L TORQ STAT SWITCH LEAD ASSEMBLY	1.000 EA
LC0001A01	CONN LABEL / WARNING LABEL (LC0001 / LB1	1.000 EA
NP1256L	ALUM UL CSA CC	1.000 EA
36PA1000	PKG GRP, PRINT PK1016A06	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 11/14	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 # 10433 - Typical performance - not guaranteed values

Winding: 36WG0115-R001	Type: 3628L	Enclosure: OPEN
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Nameplate Data				230 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	3			Full Load Torque	4.6 LB-FT
Volts	115/230			Start Configuration	direct on line
Full Load Amps	28/14			Breakdown Torque	10.5 LB-FT
R.P.M.	3450			Pull-up Torque	7.5 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	8.3 LB-FT
NEMA Design Code	L	KVA Code	G	Starting Current	74 A
Service Factor (S.F.)	1.15			No-load Current	5.35 A
NEMA Nom. Eff.	78	Power Factor	88	Line-line Res. @ 25°C	0.175 Ω A Ph 0.914 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	56°C
S.F. Amps				Temp. Rise @ S.F. Load	74°C

Load Characteristics 230 V, 60 Hz, 3 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	63	79	86	89	91	91	90
Efficiency	58.1	70.7	74.6	75.2	73.9	70.9	74.4
Speed	3557	3522	3484	3439	3385	3314	3407
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





