

BALDOR® • RELIANCE

Product Information Packet

L1405

2HP,1725RPM,1PH,60HZ,184,3628L,OPEN,F1

Part Detail							
Revision:	X	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3628L	Elec. Spec:	36WG0117	CD Diagram:	CD0001
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	36D011	Layout:	36LYD011
Frame:	184	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 NP1256L										
CAT.NO.	L1405									
SPEC.	36D11-117									
HP	2									
VOLTS	115/230									
AMP	24/12									
RPM	1725									
FRAME	184	HZ			60	PH		1		
SER.F.	1.15	CODE			H	DES		L	CLASS	B
NEMA-NOM-EFF	71	PF			68					
RATING	40C AMB-CONT									
CC		USABLE AT 208V			12.6					
DE	6206	ODE			6205					
ENCL	OPEN	SN								

Parts List		
Part Number	Description	Quantity
SA034377	SA 36D11-117	1.000 EA
RA030405	RA 36D11-117	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
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 (USe 4824-15A)	0.050 LB

Parts List (continued)		
Part Number	Description	Quantity
MG1000G27	MED CHARCOAL METALLIC GREY	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
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
LB1506	LABEL "AMERICAN MADE" 1.50 X 1.00	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 10/13	1.000 EA

Accessories		
Part Number	Description	Multiplier
36-486	C FACE KIT	A8
36EP1405A09SP	D-FLANGE KIT	A8

AC Induction Motor Performance Data

Record # 10435 - Typical performance - not guaranteed values

Winding: 36WG0117-R001	Type: 3628L	Enclosure: OPEN
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Nameplate Data				230 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	2			Full Load Torque	6 LB-FT
Volts	115/230			Start Configuration	direct on line
Full Load Amps	24/12			Breakdown Torque	16 LB-FT
R.P.M.	1725			Pull-up Torque	10.5 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	18.3 LB-FT
NEMA Design Code	L	KVA Code	J	Starting Current	55 A
Service Factor (S.F.)	1.15			No-load Current	8.5 A
NEMA Nom. Eff.	71	Power Factor	68	Line-line Res. @ 25°C	0.223 Ω A Ph 0.977 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	64°C
S.F. Amps				Temp. Rise @ S.F. Load	82°C

Load Characteristics 230 V, 60 Hz, 2 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	34	49	61	70	76	80	0
Efficiency	54.4	68.6	74	76.1	76.3	75.4	0
Speed	1786	1774	1761	1746	1730	1711	0
Line amperes	8.85	9.6	10.7	12.2	14	16.2	13.3

Performance Graph at 230V, 60Hz, 2.0HP Typical performance - Not guaranteed values

BALDOR ELECTRIC COMPANY

Typical performance - not guaranteed values.

WINDING # 36WG0117

2 HP 1 PH 60 HZ 1725 RPM 230 V 3628L

TORQUES(LB-FT): PO=16 PU=10.5 LR=18.3 LRA=55





