

BALDOR® • RELIANCE

Product Information Packet

L1410T

5HP,1725RPM,1PH,60HZ,184T,3640LC,OPEN,F1

Part Detail							
Revision:	D	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3640LC	Elec. Spec:	36WGW849	CD Diagram:	CD0017A02
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	36M925	Layout:	36LYM925
Frame:	184T	Mounting:	F1	Poles:	04	Created Date:	01-06-2010
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	06-08-2012
Leads:	2#10 A PH,2#16 B PH					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L										
CAT.NO.	L1410T									
SPEC.	36M925W849G1									
HP	5									
VOLTS	230									
AMP	23									
RPM	1725									
FRAME	184T	HZ			60	PH		1		
SER.F.	1.15	CODE			G	DES		L	CLASS	F
NEMA-NOM-EFF	82.5	PF			87					
RATING	40C AMB-CONT									
CC		USABLE AT 208V			25					
DE	6206	ODE			6205					
ENCL	OPEN	SN								

Parts List		
Part Number	Description	Quantity
SA189553	SA 36M925W849G1	1.000 EA
RA177263	RA 36M925W849G1	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
36EP3200A01SP	FR ENDPLATE, MACH	1.000 EA
HW4500A01	1641B(ALEMITE)400 UNIV, GREASE FITT	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
10XN2520A12	O1/4-20X 3/4 HEX HEAD CAP	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
HA6362ZP	LIFTING LUG FOR 36 FRAME MOTORS.	2.000 EA
MJ1000A75	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
MG1000G27	MED CHARCOAL METALLIC GREY	0.022 GA
LB1115N	LABEL,LIFTING DEVICE (ON ROLLS)	1.000 EA
HA3101A40	THRUBOLT 1/4-20 X 12.687	4.000 EA

Parts List (continued)		
Part Number	Description	Quantity
36CB5005A03	CAPACITOR BOX KIT, 36CB3800, OC3040F09,	1.000 EA
SP5172A05	37 TYPE L TORQ STAT SWITCH LEAD ASSEMBLY	1.000 EA
LB1119N	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
G7PA1000	PACKAGING GROUP / BALDOR	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
36-3403	C FACE KIT	A8
36EP1405A09SP	D-FLANGE KIT	A8

AC Induction Motor Performance Data

Record # 20861 - Typical performance - not guaranteed values

Winding: 36WGW849-R001	Type: 3640LC	Enclosure: OPEN
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Nameplate Data				230 V, 60 Hz: Single Voltage Motor	
Rated Output (HP)	5			Full Load Torque	15 LB-FT
Volts	230			Start Configuration	direct on line
Full Load Amps	23			Breakdown Torque	34 LB-FT
R.P.M.	1725			Pull-up Torque	28 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	41 LB-FT
NEMA Design Code	L	KVA Code	G	Starting Current	140 A
Service Factor (S.F.)	1.15			No-load Current	8.4 A
NEMA Nom. Eff.	82.5	Power Factor	87	Line-line Res. @ 25°C	0.45 Ω A Ph 1.56 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	90°C
S.F. Amps				Temp. Rise @ S.F. Load	110°C

Load Characteristics 230 V, 60 Hz, 5 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	60	78	86	89	91	91	90
Efficiency	67.2	79.2	82.7	83	81.5	78.5	82.1
Speed	1786	1772	1756	1739	1718	1691	1726
Line amperes	10.1	13.2	17.2	21.9	27.4	34	25.2

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





