

BALDOR® • RELIANCE

Product Information Packet

L1430T

5HP,1725RPM,1PH,60HZ,184T,3634LC,ODTF,F1

Part Detail							
Revision:	C	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3634LC	Elec. Spec:	36WGT077	CD Diagram:	CD0017A02
Enclosure:	ODTF	Mfg Plant:		Mech. Spec:	36M926	Layout:	36LYM926
Frame:	184T	Mounting:	F1	Poles:	04	Created Date:	01-06-2010
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	09-10-2015
Leads:	2#10 A PH,2#16 B PH					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L							
CAT.NO.	L1430T						
SPEC.	36M926T077G1						
HP	5						
VOLTS	230						
AMP	20.6						
RPM	1725						
FRAME	184T	HZ	60	PH	1		
SER.F.	1.15	CODE	H	DES	L	CLASS	F
NEMA-NOM-EFF	84	PF	94				
RATING	40C AMB-CONT						
CC		USABLE AT 208V	22.7				
DE	6206	ODE	6205				
ENCL	ODTF	SN					

Parts List		
Part Number	Description	Quantity
SA189555	SA 36M926T077G1	1.000 EA
RA177265	RA 36M926T077G1	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
36EP3200A03	SPL FR ENDPLATE -OPEN- FOR EXT FAN & DRI	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
51XB1214A16	12-14X1.00 HXWSSLD SERTYB	1.000 EA
36FH4012A01	DRIP COVER NOTCH BOTTOM, W/ AUTOPHERETIC	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 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
MJ1000A75	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
36FN3000A01SP	EXFN, PLASTIC, 7.00 OD, .912 ID	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
MG1000G27	MED CHARCOAL METALLIC GREY	0.022 GA
WD1000A15	3-520132-2 AMP FLAG (4M/RL NON-CANC/NON-	6.000 EA
HA3101A25	THRUBOLT 1/4-20 X 11.000 OHIO ROD	4.000 EA
36CB5005A01	CAPACITOR BOX KIT, 36CB3800, OC3060F10,	1.000 EA
SP5172A05	37 TYPE LC TORQ STAT SW LEAD ASSEMBLY	1.000 EA
LB1119N	WARNING LABEL	1.000 EA
LC0017	CONN LABEL-1 PHASE-SINGLE VOLT-REV ROTNO	1.000 EA
NP1256L	ALUM UL CSA CC	1.000 EA
G7PA1000	PKG GRP, PRINT PK1034A06	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 # 10575 - Typical performance - not guaranteed values

Winding: 36WGT077-R001	Type: 3634LC	Enclosure: ODTF
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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	20.6			Breakdown Torque	40.5 LB-FT
R.P.M.	1725			Pull-up Torque	30.5 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	36.5 LB-FT
NEMA Design Code	L	KVA Code	H	Starting Current	134.2 A
Service Factor (S.F.)	1.15			No-load Current	7.49 A
NEMA Nom. Eff.	84	Power Factor	94	Line-line Res. @ 25°C	0.4981 Ω A Ph 1.6049 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	60°C
S.F. Amps				Temp. Rise @ S.F. Load	74°C

Load Characteristics 230 V, 60 Hz, 5 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	70	86	91	94	94	94	94
Efficiency	66	79.7	83.8	84.4	82.7	79	83.4
Speed	1785	1773	1759	1741	1721	1692	1729
Line amperes	8.87	11.94	15.93	20.56	25.99	32.81	23.82

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





