

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									

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





