

BALDOR® • RELIANCE

Product Information Packet

L1319T

1.5HP,1725RPM,1PH,60HZ,145T,3528L,OPEN,F

Part Detail							
Revision:	E	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3528L	Elec. Spec:	35WG0371	CD Diagram:	CD0001
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	35DD001	Layout:	35LYDD001
Frame:	145T	Mounting:	F1	Poles:	04	Created Date:	12-22-2009
Base:	RG	Rotation:	R	Insulation:	B	Eff. Date:	09-14-2015
Leads:	4#16 A PH,2#18 B PH					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1256L							
CAT.NO.	L1319T						
SPEC.	35DD001-0371						
HP	1.5						
VOLTS	115/230						
AMP	18/9						
RPM	1725						
FRAME	145T	HZ	60	PH	1		
SER.F.	1.15	CODE	K	DES	L	CLASS	B
NEMA-NOM-EFF	68	PF	74				
RATING	40C AMB-CONT						
CC		USABLE AT 208V	9.5				
DE	6205	ODE	6203				
ENCL	OPEN	SN					

AC Induction Motor Performance Data

Record # 8061 - Typical performance - not guaranteed values

Winding: 35WG0371-R001	Type: 3528L	Enclosure: OPEN
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Nameplate Data				230 V, 60 Hz: High Voltage Connection	
Rated Output (HP)	1.5			Full Load Torque	4.5 LB-FT
Volts	115/230			Start Configuration	direct on line
Full Load Amps	18/9			Breakdown Torque	10.5 LB-FT
R.P.M.	1725			Pull-up Torque	9.5 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	13.5 LB-FT
NEMA Design Code	L	KVA Code	K	Starting Current	51 A
Service Factor (S.F.)	1.15			No-load Current	5.8 A
NEMA Nom. Eff.	68	Power Factor	74	Line-line Res. @ 25°C	1.89 Ω A Ph 1.09 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	55°C
S.F. Amps				Temp. Rise @ S.F. Load	67°C

Load Characteristics 230 V, 60 Hz, 1.5 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	39	56	70	74	82	84	79
Efficiency	51	65	66	68	66	64.5	66.8
Speed	1790	1780	1765	1738	1720	1690	1727
Line amperes	6.05	6.6	7.75	9	10.6	12.6	9.96

Performance Graph at 230V, 60Hz, 1.5HP Typical performance - Not guaranteed values





