

BALDOR® • RELIANCE

Product Information Packet

L1319M

1.5HP,1725RPM,1PH,60HZ,56/56H,3528L,OPEN

Part Detail							
Revision:	AH	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod. Type:	3528L	Elec. Spec:	35WG2444	CD Diagram:	CD0269
Enclosure:	OPEN	Mfg Plant:		Mech. Spec:	35J384	Layout:	35LYJ384
Frame:	56/56H	Mounting:	F1	Poles:	04	Created Date:	
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	01-19-2017
Leads:	4#16 A&J,2#18 B PH,1#14 #4TH					Replaced By:	
Literature:		Elec. Diagram:					

Nameplate NP1257L

CAT.NO.	L1319M														
SPEC.	35J384-2444														
HP	1.5														
VOLTS	115/230														
AMP	18/9														
RPM	1725														
FRAME	56/56H				HZ				60		PH		1		
SER.F.	1.15			CODE		K		DES		L		CL		F	
NEMA-NOM-EFF	68			PF		74									
RATING	40C AMB-CONT														
CC															
DE	6205				ODE		6203				USABLE AT 208V				
ENCL	OPEN			SN											

AC Induction Motor Performance Data

Record # 61224 - Typical performance - not guaranteed values

Winding: 35WG2444-R002	Type: 3528L	Enclosure: OPEN
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Nameplate Data				115 V, 60 Hz: Low 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	102 A
Service Factor (S.F.)	1.15			No-load Current	11.6 A
NEMA Nom. Eff.	68	Power Factor	74	Line-line Res. @ 25°C	0.471 Ω A Ph 1.04 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	
				Locked-rotor Power Factor	95.4
				Rotor inertia	0.166 LB-FT ²

Load Characteristics 115 V, 60 Hz, 1.5 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	40	58	72	79	85	87	83
Efficiency	51.2	65	66.1	68	66.1	64.5	66.9
Speed	1790	1780	1765	1738	1720	1690	1727
Line amperes	12.1	13.2	15.5	18	21.2	25.2	19.9

Performance Graph at 115V, 60Hz, 1.5HP Typical performance - Not guaranteed values





