



Product Information Packet

L1319M

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

Part Detail							
Revision:	AJ	Status:	INA/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	35WG2444	CD Diagram:	CD0269	Mfg Plant:	
Mech. Spec:	35J384	Layout:	35LYJ384	Poles:	04	Created Date:	
Base:	RG	Eff. Date:	03-07-2017	Leads:	4#16 A&J,2#18 B PH,1#14 #4TH		

Specs			
Catalog Number:	L1319M	Inverter Code:	Not Inverter
Enclosure:	OPEN	KVA Code:	K
Frame:	56/56H	Lifting Lugs:	No Lifting Lugs
Frame Material:	Steel	Locked Bearing Indicator:	No Locked Bearing
Output @ Frequency:	1.500 HP @ 60 HZ	Motor Lead Quantity/Wire Size:	4 @ 16 AWG, A&J
Synchronous Speed @ Frequency:	1800 RPM @ 60 HZ	Motor Lead Exit:	Ko Box
Voltage @ Frequency:	115.0 V @ 60 HZ	Motor Lead Termination:	Flying Leads
	230.0 V @ 60 HZ	Motor Type:	3528L
XP Class and Group:	None	Mounting Arrangement:	F1
XP Division:	Not Applicable	Power Factor:	74
Agency Approvals:	UR	Product Family:	General Purpose
	CSA	Pulley End Bearing Type:	Ball
Auxillary Box:	No Auxillary Box	Pulley Face Code:	Standard
Auxillary Box Lead Termination:	None	Pulley Shaft Indicator:	Standard
Base Indicator:	Rigid	Rodent Screen:	None
Bearing Grease Type:	Polyrex EM (-20F +300F)	Shaft Extension Location:	Pulley End
Blower:	None	Shaft Ground Indicator:	No Shaft Grounding
Current @ Voltage:	18.000 A @ 115.0 V	Shaft Rotation:	Reversible

	9.000 A @ 230.0 V	Shaft Slinger Indicator:	No Slinger
Design Code:	L	Speed Code:	Single Speed
Drip Cover:	No Drip Cover	Motor Standards:	NEMA
Duty Rating:	CONT	Starting Method:	Direct on line
Electrically Isolated Bearing:	Not Electrically Isolated	Thermal Device - Bearing:	None
Feedback Device:	NO FEEDBACK	Thermal Device - Winding:	Do Not Use
Front Face Code:	Standard	Vibration Sensor Indicator:	No Vibration Sensor
Front Shaft Indicator:	None	Winding Thermal 1:	Manual Thermal Overload
Heater Indicator:	No Heater	Winding Thermal 1 Location:	SB
Insulation Class:	F	Winding Thermal 2:	None

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							USABLE AT 208V				
DE	6205				ODE	6203					
ENCL	OPEN			SN							

Parts List		
Part Number	Description	Quantity
SA025945	SA 35J384-2444	1.000 EA
RA021995	RA 35J384-2444	1.000 EA
EC1850A06SP	ELEC CAP 115V 2.0 X 4.3 X	1.000 EA
TP5059	GENERIC THERMAL KIT	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
35CB3007	35 CB CASTING W/.88 DIA. LEAD HOLE	1.000 EA
51XB1016A07	10-16 X 7/16 HXWSSLD SERTYB	2.000 EA
11XW1032G06	10-32 X .38, TAPTITE II, HEX WSHR SLTD U	1.000 EA
35EP3209G00	STD FR EP OPEN-203BRG-35L OR M FRAME--LE	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000 EA
NS2501A01	INSULATOR, CAPACITOR	1.000 EA
51XB1016A05	10-16X5/16HX WA SL SR TYB (F/S)	2.000 EA
HW5100A03	WAVY WASHER (W1543-017)	1.000 EA
35EP3210B00	PUEP OPEN 205 BRG	1.000 EA
XY1032A02	10-32 HEX NUT DIRECTIONAL SERRATION	4.000 EA
35CB4521	35 LIPPED CB LID (GALV & PHOSPH)	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA
HW2501D13	KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000 EA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
WD1000A15	3-520132-2 AMP FLAG (4M/RL NON-CANC/NON-	2.000 EA
MJ1000A02	GREASE, POLYREX EM EXXON (USe 4824-15A)	0.050 LB
MG1000G27	MED CHARCOAL METALLIC GREY 400-0096	0.017 GA
35CB4802A02SP	CAPACITOR COVER, STAMPED X	1.000 EA

Parts List (continued)		
Part Number	Description	Quantity
HA3100A18	THRUBOLT 10-32 X 9.250	4.000 EA
SP5051A24	MODEL 35 TORQ STATIONARY SWITCH FOR "L"	1.000 EA
LB1087	LABEL,MANUAL RESET (ROLL LABEL)	1.000 EA
LB1119N	WARNING LABEL	1.000 EA
NP1257L	ALUM UL CSA CC THERMAL REV MTG	1.000 EA
LC0269	1PH,DV,REV,THERMAL,7 LD,L.AMP THRU HTR H	1.000 EA
35PA1066	PKG GRP, PRINT PK1008A06	1.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 5/18	1.000 EA

Accessories		
Part Number	Description	Multiplier
35-8764	C FACE KIT	A8
35EP1604A01SP	D-FLANGE KIT	A8

AC Induction Motor Performance Data

Record # 61224 - Typical performance - not guaranteed values

Winding: 35WG2444-R002	Type: 3528L	Enclosure: OPEN
-------------------------------	--------------------	------------------------

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





