

BALDOR® • RELIANCE

Product Information Packet

L1206-50

.33HP,1425RPM,1PH,50HZ,48,3418L,OPEN,F1

Part Detail							
Revision:	AF	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	34WGW647	CD Diagram:	CD0001	Mfg Plant:	
Mech. Spec:	34F001	Layout:	34LYF001	Poles:	04	Created Date:	
Base:	RG	Eff. Date:	07-26-2016	Leads:	6#18		

Specs			
Catalog Number:	L1206-50	Heater Indicator:	No Heater
Enclosure:	OPEN	Insulation Class:	B
Frame:	48	Inverter Code:	Not Inverter
Frame Material:	Steel	KVA Code:	F
Output @ Frequency:	.330 HP @ 50 HZ	Lifting Lugs:	No Lifting Lugs
Synchronous Speed @ Frequency:	1500 RPM @ 50 HZ	Locked Bearing Indicator:	No Locked Bearing
Voltage @ Frequency:	220.0 V @ 50 HZ	Motor Lead Quantity/Wire Size:	6 @ 18 AWG
	110.0 V @ 50 HZ	Motor Lead Exit:	Ko Box
XP Class and Group:	None	Motor Lead Termination:	Flying Leads
XP Division:	Not Applicable	Motor Type:	3418L
Agency Approvals:	CE	Mounting Arrangement:	F1
	CSA	Power Factor:	74
	UR	Product Family:	General Purpose
Auxillary Box:	No Auxillary Box	Pulley End Bearing Type:	Ball
Auxillary Box Lead Termination:	None	Pulley Face Code:	Standard
Base Indicator:	Rigid	Pulley Shaft Indicator:	Standard
Bearing Grease Type:	Polyrex EM (-20F +300F)	Rodent Screen:	None
Blower:	None	RoHS Status:	ROHS COMPLIANT

Current @ Voltage:	2.300 A @ 220.0 V	Shaft Extension Location:	Pulley End
	4.600 A @ 110.0 V	Shaft Ground Indicator:	No Shaft Grounding
Design Code:	N	Shaft Rotation:	Reversible
Drip Cover:	No Drip Cover	Shaft Slinger Indicator:	No Slinger
Duty Rating:	CONT	Speed Code:	Single Speed
Electrically Isolated Bearing:	Not Electrically Isolated	Motor Standards:	NEMA
Feedback Device:	NO FEEDBACK	Starting Method:	Direct on line
Front Face Code:	Standard	Thermal Device - Bearing:	None
Front Shaft Indicator:	None	Thermal Device - Winding:	None
		Vibration Sensor Indicator:	No Vibration Sensor

Nameplate NP1372L

CAT.NO.	L1206-50											
SPEC.	34F01W647											
HP	.33											
VOLTS	110/220											
AMP	4.6/2.3											
RPM	1425 IP23											
FRAME	48				HZ		50		PH		1	
SER.F.	1.35			CODE		F	DES		N	CL		B
NEMA-NOM-EFF	62			PF		74						
RATING	40C AMB-CONT											
CC				USABLE AT 208V								
DE	6203			ODE		6203						
ENCL	OPEN			SN								
	SFA 5.6/2.8											

AC Induction Motor Performance Data

Record # 7046 - Typical performance - not guaranteed values

Winding: 34WGW647-R001	Type: 3418L	Enclosure: OPEN
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Nameplate Data				110 V, 50 Hz: Low Voltage Connection	
Rated Output (HP)	.33			Full Load Torque	1.2 LB-FT
Volts	110/220			Start Configuration	direct on line
Full Load Amps	4.6/2.3			Breakdown Torque	2.4 LB-FT
R.P.M.	1425			Pull-up Torque	2.3 LB-FT
Hz	50	Phase	1	Locked-rotor Torque	4.1 LB-FT
NEMA Design Code	N	KVA Code	F	Starting Current	18 A
Service Factor (S.F.)	1.35			No-load Current	3.2 A
NEMA Nom. Eff.	62	Power Factor	74	Line-line Res. @ 25°C	2.07 Ω A Ph 6.36 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	49°C
S.F. Amps	5.6/2.8			Temp. Rise @ S.F. Load	57°C

Load Characteristics 110 V, 50 Hz, 0.33 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	39	54	66	75	81	85	0
Efficiency	43.9	58.7	64.4	66	65	61.4	0
Speed	1480	1464	1445	1423	1395	1355	0
Line amperes	3.3	3.5	4	4.5	5.3	6.5	5.6

Performance Graph at 110V, 50Hz, 0.33HP Typical performance - Not guaranteed values





