



Product Information Packet

RL1307A

.75HP,1725RPM,1PH,60HZ,56,3428L,OPEN,F1

Part Detail							
Revision:	F	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	34WGW169	CD Diagram:	CD0052	Mfg Plant:	
Mech. Spec:	34G084	Layout:	34LYG084	Poles:	04	Created Date:	03-13-2013
Base:	RS	Eff. Date:	06-29-2018	Leads:	6#18,1#14 #1TH		

Specs			
Catalog Number:	RL1307A	Insulation Class:	B
Enclosure:	OPEN	Inverter Code:	Not Inverter
Frame:	56	KVA Code:	K
Frame Material:	Steel	Lifting Lugs:	No Lifting Lugs
Motor Letter Type:	Cap Start, Induction Run	Locked Bearing Indicator:	No Locked Bearing
Output @ Frequency:	.750 HP @ 60 HZ	Motor Lead Quantity/Wire Size:	6 @ 18 AWG
Synchronous Speed @ Frequency:	1800 RPM @ 60 HZ	Motor Lead Exit:	Terminal Panel
Voltage @ Frequency:	115.0 V @ 60 HZ	Motor Lead Termination:	Flying Leads
	230.0 V @ 60 HZ	Motor Type:	3428L
XP Class and Group:	None	Mounting Arrangement:	F1
XP Division:	Not Applicable	Power Factor:	68
Agency Approvals:	UR	Product Family:	General Purpose
	CSA	Pulley End Bearing Type:	Ball
Auxillary Box:	No Auxillary Box	Pulley Face Code:	Resilient Mount
Auxillary Box Lead Termination:	None	Pulley Shaft Indicator:	Standard
Base Indicator:	Resilient	Rodent Screen:	None
Bearing Grease Type:	Polyrex EM (-20F +300F)	RoHS Status:	ROHS COMPLIANT
Blower:	None	Shaft Extension Location:	Pulley End

Current @ Voltage:	10.200 A @ 115.0 V	Shaft Ground Indicator:	No Shaft Grounding
	5.100 A @ 230.0 V	Shaft Rotation:	Reversible: Connected Standard
	6.000 A @ 208.0 V	Shaft Slinger Indicator:	No Slinger
Design Code:	N	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:	None
Front Face Code:	Resilient Mount	Vibration Sensor Indicator:	No Vibration Sensor
Front Shaft Indicator:	None	Winding Thermal 1:	Automatic Thermal Overload
Heater Indicator:	No Heater	Winding Thermal 1 Location:	SB
		Winding Thermal 2:	None

Nameplate NP1257L

CAT.NO.	RL1307A											
SPEC.	34G084W169G2											
HP	.75											
VOLTS	115/230											
AMP	10.2/5.1											
RPM	1725											
FRAME	56				HZ			60		PH		1
SER.F.	1.25		CODE		K	DES		N	CL		B	
NEMA-NOM-EFF	68		PF		68							
RATING	40C AMB-CONT											
CC			USABLE AT 208V									6
DE	6203			ODE		6203						
ENCL	OPEN		SN									
	SFA 11.4/5.7											

AC Induction Motor Performance Data

Record # 6904

Typical performance - not guaranteed values

Winding: 34WGW169-R001			Type: 3428L		Enclosure: OPEN		
Nameplate Data			230 V, 60 Hz: High Voltage Connection				
Rated Output (HP)		.75	Full Load Torque		2.25 LB-FT		
Volts		115/230	Start Configuration		direct on line		
Full Load Amps		10.2/5.1	Breakdown Torque		5.5 LB-FT		
R.P.M.		1725	Pull-up Torque		4.5 LB-FT		
Hz	60	Phase	1	Locked-rotor Torque		9.5 LB-FT	
NEMA Design Code		N	KVA Code	K	Starting Current		31 A
Service Factor (S.F.)		1.25		No-load Current		3.9 A	
NEMA Nom. Eff.		68	Power Factor	68	Line-line Res. @ 25°C		3.1 Ω A Ph 1.64 Ω B Ph
Rating - Duty		40C AMB-CONT		Temp. Rise @ Rated Load		74°C	
S.F. Amps		11.4/5.7		Temp. Rise @ S.F. Load		90°C	

Load Characteristics 230 V, 60 Hz, 0.75 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	35	49	63	70	76	80	76
Efficiency	45.4	59.1	62.7	66.7	66.8	64.4	66.8
Speed	1783	1770	1754	1737	1717	1692	1717
Line amperes	4.05	4.25	4.8	5.3	6.1	7	6.1

Performance Graph at 230V, 60Hz, 0.75HP Typical performance - Not guaranteed values





