



Product Information Packet

L3507A

.75HP,1725RPM,1PH,60HZ,56,3428LC,TEFC,F1

Part Detail							
Revision:	V	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Elec. Spec:	34WGW998	CD Diagram:	CD0320	Mfg Plant:	
Mech. Spec:	34G426	Layout:	34LYG426	Poles:	04	Created Date:	
Base:	RG	Eff. Date:	06-29-2018	Leads:	6#18,1#16 #4TH		

Specs			
Catalog Number:	L3507A	Inverter Code:	Not Inverter
Enclosure:	TEFC	KVA Code:	L
Frame:	56	Lifting Lugs:	No Lifting Lugs
Frame Material:	Steel	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:	Ko Box
Voltage @ Frequency:	230.0 V @ 60 HZ	Motor Lead Termination:	Flying Leads
	115.0 V @ 60 HZ	Motor Type:	3428LC
XP Class and Group:	None	Mounting Arrangement:	F1
XP Division:	Not Applicable	Power Factor:	80
Agency Approvals:	CSA	Product Family:	General Purpose
	UR	Pulley End Bearing Type:	Ball
Auxiliary Box:	No Auxiliary Box	Pulley Face Code:	Standard
Auxiliary Box Lead Termination:	None	Pulley Shaft Indicator:	Standard
Base Indicator:	Rigid	Rodent Screen:	None
Bearing Grease Type:	Polyrex EM (-20F +300F)	RoHS Status:	ROHS COMPLIANT
Blower:	None	Shaft Extension Location:	Pulley End
Current @ Voltage:	4.100 A @ 230.0 V	Shaft Ground Indicator:	No Shaft Grounding

	5.400 A @ 208.0 V	Shaft Rotation:	Reversible
	8.200 A @ 115.0 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 (OLD)
Feedback Device:	NO FEEDBACK	Thermal Device - Winding:	None
Front Face Code:	Standard	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
Insulation Class:	B	Winding Thermal 2:	None

Nameplate NP1257L

CAT.NO.	L3507A									
SPEC.	34G426W998									
HP	.75									
VOLTS	115/230									
AMP	8.2/4.1									
RPM	1725									
FRAME	56					HZ 60				PH 1
SER.F.	1.25			CODE	L		DES	N		CL B
NEMA-NOM-EFF	74				PF	80				
RATING	40C AMB-CONT									
CC								USABLE AT 208V 5.4		
DE	6203					ODE	6203			
ENCL	TEFC			SN						
	SFA 9.8/4.9									

Parts List		
Part Number	Description	Quantity
SA005892	SA 34G426W998	1.000 EA
RA002638	RA 34G426W998	1.000 EA
OC3020F12SP	CAPACITORS 20 MFD 370 VAC	1.000 EA
EC1460A05SP	ELEC CAP, 460-552 MFD, 125V, 2.06D X 3.	1.000 EA
NS2512A01	INSULATOR, CONDUIT BOX X	1.000 EA
34CB3002A	CB CAST W/.88 DIA HOLE	1.000 EA
34GS1029A01	GASKET, CONDUIT BOX	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
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	2.000 EA
34EP3102A01SP	FR ENDPLATE, MACH	1.000 EA
34CB3801	CAPACITOR BOX, DIE CAST	1.000 EA
34GS3002	GASKET, CAPACITOR BOX	1.000 EA
34GS5003A01	FOAM SLEEVE, ID = 2 1/16" X 4 3/8"	1.000 EA
51XB1214A08	12-14 X 1/2HX WS SL SR TYBX	2.000 EA
HW5100A03	WAVY WASHER (W1543-017)	1.000 EA
34EP3102A02SP	FR/PU ENDPLATE, MACH	1.000 EA
XY1032A02	10-32 HEX NUT DIRECTIONAL SERRATION	4.000 EA
34FN3002A01SP	EXTERNAL FAN, PLASTIC, .637/.639 HUB W/	1.000 EA
34FH4002A01SP	IEC FH NO GREASER PRIMED	1.000 EA
51XW1032A06	10-32 X .38, TAPTITE II, HEX WSHR SLTD S	3.000 EA
34CB4517	CB LID 4 MTG HOLES .22 DIA STAMPED, FOR	1.000 EA
34GS1031A01	GASKET, FLAT CONDUIT BOX LID (LEXIDE)	1.000 EA
51XW0832A07	8-32 X .44, TAPTITE II, HEX WSHR SLTD SE	4.000 EA

Parts List (continued)		
Part Number	Description	Quantity
HW2501D13	KEY, 3/16 SQ X 1.375	1.000 EA
HA7000A04	KEY RETAINER 0.625 DIA SHAFTS	1.000 EA
MG1000G27	MED CHARCOAL METALLIC GREY 400-0096	0.014 GA
85XU0407S04	4X1/4 U DRIVE PIN STAINLESS	2.000 EA
SP5051B17	MDL 34 TORQ STAT SW,TYPE LC, STD F1 & F2	1.000 EA
HA3100A37	THRUBOLT 10-32 X 8.500	4.000 EA
MN416A01	TAG-INSTAL-MAINT no wire (1200/bx) 5/18	1.000 EA
LB1118	LABEL,WARNING (ROLL LABEL)	1.000 EA
LC0269	1PH,DV,REV,THERMAL,7 LD,L.AMP THRU HTR H	1.000 EA
NP1257L	ALUM UL CSA CC THERMAL REV MTG	1.000 EA
35PA1000	PKG GRP, PRINT PK1008A06	1.000 EA

Accessories		
Part Number	Description	Multiplier
34-171	C FACE KIT	A8

AC Induction Motor Performance Data

Record # 7176 - Typical performance - not guaranteed values

Winding: 34WGW998-R001	Type: 3428LC	Enclosure: TEFC
-------------------------------	---------------------	------------------------

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	8.2/4.1			Breakdown Torque	5.7 LB-FT
R.P.M.	1725			Pull-up Torque	4.7 LB-FT
Hz	60	Phase	1	Locked-rotor Torque	7.5 LB-FT
NEMA Design Code	N	KVA Code	L	Starting Current	31 A
Service Factor (S.F.)	1.25			No-load Current	2.7 A
NEMA Nom. Eff.	74	Power Factor	80	Line-line Res. @ 25°C	3.11 Ω A Ph 1.73 Ω B Ph
Rating - Duty	40C AMB-CONT			Temp. Rise @ Rated Load	62°C
S.F. Amps	9.8/4.9			Temp. Rise @ S.F. Load	81°C

Load Characteristics 230 V, 60 Hz, 0.75 HP

% of Rated Load	25	50	75	100	125	150	S.F.
Power Factor	43	61	72	80	85	87	0
Efficiency	53.6	67.7	73	73.9	93.2	71.4	0
Speed	1784	1770	1755	1739	1717	1694	0
Line amperes	2.7	3	3.5	4.1	4.9	5.8	4.9

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





