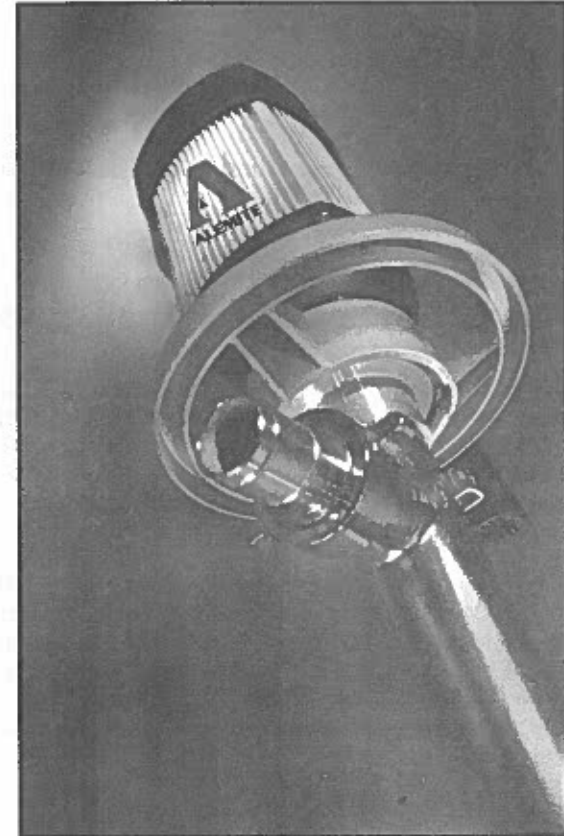




OI-100C Alemite
JUNE, 2004

DRUM & CONTAINER PUMPS OPERATION & SERVICE GUIDE




Alemite LLC

167 Roweland Drive,
Johnson City, TN 37601

e-mail: info@alemite.com
www.alemite.com

DRUM PUMPS


 **BEFORE OPERATING THIS EQUIPMENT, THE OPERATOR SHOULD THOROUGHLY READ AND UNDERSTAND ALL INSTRUCTIONS AND SAFETY WARNING LABELS INCLUDING THE MANUFACTURER'S INSTRUCTIONS ON THE MATERIAL BEING PUMPED.**

SECTION 1: GENERAL

1. The operator should wear suitable protective clothing including: face mask, safety shield or goggles, gloves, apron, and safety shoes.
2. Check a chemical resistance chart to be sure the chemical being pumped is compatible with pump construction.
3. Flammable or combustible liquids can only be handled with air driven motors and explosion-proof electric motors in conjunction with stainless steel pump tubes.
4. The use of 340020-1 tubes (polypropylene), 340020-3 (polyvinylidene fluoride), 340015, 340016, 340017, 340018 on flammable or combustible liquids is prohibited and could cause fire, injury or death.
5. Bonding and grounding safety procedures as described in National Fire Protection Code 77 must be used when handling flammables, operating in a hazardous duty environment or when the danger of static discharge is present. Avoid liquid splashing. Refer to Section 6.
6. All federal, state and local safety codes should be followed.
7. Make sure nameplate information corresponds to voltage supplied.

PRE-START-UP

1. All connections must be properly in place and tightened securely. Stainless steel hose clamps are required on hose and must be properly tightened. Pump hand wheel must be snug, otherwise pump coupling damage can occur.
2. Since all pump motors and pump tubes are interchangeable, it is necessary for the operator to read and understand operating instructions for both the motor and the pump tube.
3. First use pump on water to be familiar with the assembly and check motor operation, flow rate, security of all hose connections, operation of speed control knob, liquid velocity, pump drainage and dispensing nozzle.
4. Before starting motor, check to be sure hose is securely fastened in receiving vessel so hose cannot splash chemicals, causing injury.
5. Before connecting motor to power supply, be sure motor switch is OFF ("O" position) and speed control is turned down.
6. Never submerge pump below the hose connection.
7. Never leave unit unattended during operation.
8. Do not use speed control knob as ON/OFF switch.*
9. If liquid appears below discharge assembly, check security of hose clamps and wing nut. If leakage fails to stop, cease operation. Neutralize pump and refer to specific parts list and operating instructions to repair. If unable to repair, contact factory.
10. When finished using pump, drain pump and hose thoroughly and operate on 1-2 gallons of clear water or neutral solution for 15-30 seconds to completely flush and rinse pump and hose assembly.
11. Never store the pump and hose assembly in the container. Always rinse thoroughly and hang on a wall bracket.

 * The speed control switch should not be used as the main ON/OFF switch. Using the speed control switch in this manner causes excessive wear to the potentiometer and triac and may result in premature failure. The use of the speed control switch does not cut power to the motor and inadvertent activation could result in injury or death if the motor is activated when not properly attended and secured.

SECTION 2: INSTRUCTIONS FOR MOTORS -

 **THIS EQUIPMENT MUST BE CONNECTED TO A GROUND FAULT CURRENT INTERRUPTION DEVICE BEFORE OPERATING.**

340015 us listed

Open Drip Proof enclosure, 115V/1/50-60Hz-1.1 HP (825 watts) - 10,000 RPM, thermal overload protection switch, manual reset on switch, 16 ft. SJT U.L. listed, 3 wire cord with 3 prong molded plug.

340016 listed

Open Drip Proof enclosure (IP 44), 230V/1/50-60Hz-1.1 HP (825 watts) - 10,000 RPM, thermal overload protection switch, Low Voltage Release (LVR), 16 ft. (5 m) CE listed, Har Ho 7 cable cord with plug.

1. Do not use the this series motor on flammables or in hazardous duty environments.
2. Check name plate data to verify proper voltage.
3. Before connecting plug to power supply, be sure motor switch is in the OFF position, "O".
4. Never carry motor by or pull on power cord.
5. If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent.
6. If motor stops during operation, place the switch in the OFF position "O" and allow the motor to cool. **Motor will not restart if the switch is not placed in the OFF position.** 230V Models - LVR will release motor switch when voltage is interrupted or stopped. Motor will not turn on once power is restored.
7. Check viscosity and specific gravity limitations before resuming operation.
8. Connect power cord to suitable receptacle and never remove ground prong from plug.
9. To engage motor to pump tube, place motor on top of pump tube and turn hand wheel part clockwise until the motor coupling and pump coupling are completely engaged and secured.
10. To replace cartridge brushes, refer to Section 5.
11. Never submerge motor in liquid or splash motor with liquid. Operation of motor in wet conditions can cause injury or death.
12. Make sure the speed control knob is turned in the OFF position before starting operation. Turn switch handle to the ON position and slowly turn the speed control knob to the right. The pump will begin to slowly transfer. The variable speed control should not be used as the main ON/OFF switch. This is considered excessive wear and may result in premature failure. See #8 in the Pre-Start-Up section.
13. Bond and ground where the possibility of static discharge is present.

340017 listed

TEFC enclosure, 115V/1/50-60Hz - 1.1 HP (825 watts) -10,000 RPM, thermal overload protection switch, manual reset on switch, 16 ft. SJT U.L. listed, 3 wire cord with 3 prong molded plug.

340018 listed

TEFC (IP 54) enclosure, 230V/1/50-60Hz - 1.1 HP (825 watts) - 10,000 RPM, thermal overload protection switch, Low Voltage Release (LVR), 16 ft. (5 m) CE listed, Har Ho 7 cable cord with plug.

This series motor is a totally enclosed fan cooled motor (TEFC). The construction of a TEFC motor minimizes corrosive fumes from entering and damaging the vital internal components of the motor and it is ideal where corrosive fumes present a detriment to the operation of open motors.

1. Do not use this series motor on flammables or in hazardous duty environments.
2. Check nameplate data to verify proper voltage.
3. Before connecting plug to power supply, be sure motor switch is in the OFF position, "O".
4. Never carry motor by or pull on power cord.
5. If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent.
6. If motor stops during operation, place the switch in the OFF position "O" and allow the motor to cool. **Motor will not restart if the switch is not placed in the OFF position.** 230V models - LVR will release motor switch when voltage is interrupted or stopped. Motor will not turn on once power is restored.
7. Check viscosity and specific gravity limitations before resuming operation.
8. Connect power cord to suitable receptacle and never remove ground prong from plug.
9. To engage motor to pump tube, place motor on top of pump tube and turn hand wheel part clockwise until the motor coupling and pump coupling are completely engaged and secured.
10. To replace cartridge brushes, refer to Section 5.
11. Never submerge motor in liquid or splash motor with liquid.
12. Make sure the speed control knob is turned in the OFF position before starting operation. Turn switch handle to the ON position and slowly turn the speed control knob to the right. The pump will begin to slowly transfer. The variable speed control should not be used as the main ON/OFF switch. This is considered excessive wear and may result in premature failure. See #8 in the Pre-Start-Up section.
13. Bond and ground where the possibility of static discharge is present.

340019 listed, class 1, group C & D, ATEX

825 watts, 230V/1/50-60Hz, 10,000 RPM, thermal overload protected, manual reset switch, 16 ft. power cord.

BEFORE STARTING THIS MOTOR, HAVE A SAFETY ENGINEER CHECK UNIT AND ALL SAFETY PROCEDURES. DO NOT USE THIS MOTOR WITHOUT PROPER KNOWLEDGE AND INSTRUCTIONS. FOLLOW AND COMPLY WITH ALL LOCAL, STATE AND FEDERAL SAFETY / ELECTRICAL CODES.

IF FLAMMABLE LIQUIDS ARE GOING TO BE PUMPED OR MOTOR IS TO BE USED IN A HAZARDOUS DUTY ENVIRONMENT, ALWAYS USE IN CONJUNCTION WITH A STAINLESS STEEL PUMP TUBE.

1. Verify nameplate data with all available electrical connections.
2. Confirm that the switch is in the OFF position before connecting the power supply.
3. Do not use this motor in conjunction with plastic pump tubes when transferring flammable liquids or while in a hazardous environment.
4. Bond and ground before operating motor in hazardous environments. See figure #1 (Section 6).
5. To attach motor to stainless pump tube, place motor on stainless pump tube and turn plastic handwheel clockwise until secure.
6. Never submerge motor in liquid or splash motor with liquid.

SECTION 4: INSTRUCTIONS FOR PUMP TUBES: POLYPROPYLENE, PVDF AND STAINLESS STEEL

All pump tubes are engineered with a seal-less design. Pumps can run dry and against back pressure without damage to the integrity of the pump.

340020-1

Polypropylene construction - Hastelloy drive shaft - Viton V-seal - Viton sealed ball bearings - TFE guide sleeve - carbon grade 6038C carbon bushing - hose connection 1" (25 mm), ¾" (22mm) available. Maximum temperature 130°F (55°C).

1. Do not use SP-PP pump tubes on flammables or in hazardous duty environments. The insulating nature of plastic prevents proper bonding and grounding. A static electric discharge can take place and ignite fumes resulting in fire, injury or death.
2. Pumps can be run dry without damaging the structural integrity of the unit. Prolonged periods of dry running should be avoided.
3. Always check the chemical compatibility of the liquid being pumped with pump construction and hose you have selected.
4. Securely tighten all connections before beginning operation.
5. Before starting motor, check to be sure hose is securely fastened in receiving vessel so hose cannot splash chemicals, causing injury.
6. Check temperature limitation, pressure rating and chemical compatibility of the hose you have selected.
7. Never submerge pump below the hose connection.
8. If liquid appears below discharge housing, check security of hose clamps and wing nut. If leakage fails to stop, cease operation. Neutralize pump and return unit to an authorized distributor for inspection and possible repair.

340020-3

PVDF (polyvinylidene fluoride) construction - natural PVDF contains no pigment or color and is ideal for the transfer of concentrated chemicals - Hastelloy® C-276 drive shaft - TFE V-seal - Viton sealed ball bearings - TFE guide sleeve - pure carbon grade 6038C carbon bushing - hose connection 1" (25 mm), ¾" (22 mm). Maximum temperature 175°F (80°C) maximum.

1. Do not use this pump tubes on flammables or in hazardous duty environments. The insulating nature of plastic prevents proper bonding and grounding. A static electric discharge can take place and ignite fumes resulting in fire, injury or death.
2. Pump can run dry without damaging the structural integrity of the unit. Prolonged periods of dry running should be avoided.

3. Always check the chemical compatibility of the liquid being pumped with pump construction and hose you have selected.
4. Securely tighten all connections before beginning operation.
5. Before beginning operation, check to be sure hose is securely fastened in receiving vessel. Failure to secure hose properly will allow hose to splash chemicals, causing injury.
6. Check temperature limitation, pressure rating and chemical compatibility of the hose you have selected.
7. Never submerge pump below the hose connection.
8. If liquid appears below discharge housing, check security of hose clamps and wing nut, part . If leakage fails to stop, cease operation. Neutralize pump and return unit to an authorized distributor for inspection and possible repair.

340020-2

Stainless steel 316 construction - TFE rotor - TFE V-seal - TFE guide sleeve, stainless drive shaft, - pure carbon grade 6038C carbon bushing - Viton sealed ball bearings - 1" (25 mm) hose connection. Maximum temperature 175°F (80°C).

1. Pumps can be run dry without damaging the structural integrity of the unit. Prolonged periods of dry running should be avoided.
2. Always check the chemical compatibility of the liquid being pumped with pump construction and hose you have selected.
3. Check temperature limitation, pressure rating and chemical compatibility of the hose you have selected.
4. Securely tighten all connections before beginning operation. Use only stainless steel hose clamps to secure hose and tighten securely. Use of optional hand clamp is recommended. See Catalog.
5. The pump requires a TFE seal between the wing nut and pump body. Be sure this "O"-ring is in place or leakage of chemicals will occur.
6. When using this pump on flammables or in hazardous duty environments, it is always necessary to bond and ground as per NFPA 77. See Fig. 1 (Section 6) for illustration.
7. An electrically conductive hose may be employed with the SP-SS tube when pumping flammables. Installation must be exactly to manufacturer's installation instructions. Bonding and grounding must also be used in conjunction with hose to prevent static electric discharge.
8. If liquid appears below the bearing housing, re-check security of all fittings. Re-check to be sure the TFE seal pump is in place. If leakage continues, cease operation, neutralize the pump and return it to an authorized distributor for inspection and possible repair.

REPAIR SECTION 340020-3, 340020-2, 340020-1

Impeller, Pump Coupling and Pump Foot replacement

1. **Unplug motor, remove motor from pump and store safely. Remove pump from solution and neutralize or flush with water.**
2. **Unscrew pump foot in a clockwise direction. (NOTE: left handed threads). This will expose the impeller.**
3. **Secure pump coupling on opposite end. Use a flat head screwdriver to unscrew the impeller in a counter-clockwise direction.**
4. **Replace impeller and pump foot in opposite order. NOTE: If pump**

coupling loosens instead of the impeller, simply hold shaft with pliers and unscrew impeller. Take care not to damage threads on shaft.

Pump Housing Replacement

1. Unplug motor, remove motor from pump and store safely. Remove pump from solution and neutralize or flush with water.
2. Unscrew pump foot in a clockwise direction. (NOTE: left handed threads). This will expose the impeller.
3. Secure pump coupling on opposite end. Use a flat head screwdriver to unscrew the rotor in a counter-clockwise direction. NOTE: If coupling loosens instead of the impeller, simply hold the shaft with pliers, taking care not to damage the shaft threads.
4. Unscrew the pump housing in a clockwise direction. NOTE the left handed threads.
5. Replace new components in opposite order.

SECTION 5: REPLACEMENT OF MOTOR CARTRIDGE BRUSHES- (Consult factory for brush replacement on other models.)

THE REPLACEMENT OF BRUSHES OR ANY ELECTRICAL WORK SHOULD ONLY BE PERFORMED BY A LICENSED ELECTRICIAN OR BY PLANT PERSONNEL FULLY TRAINED IN ELECTRICAL REPAIR.

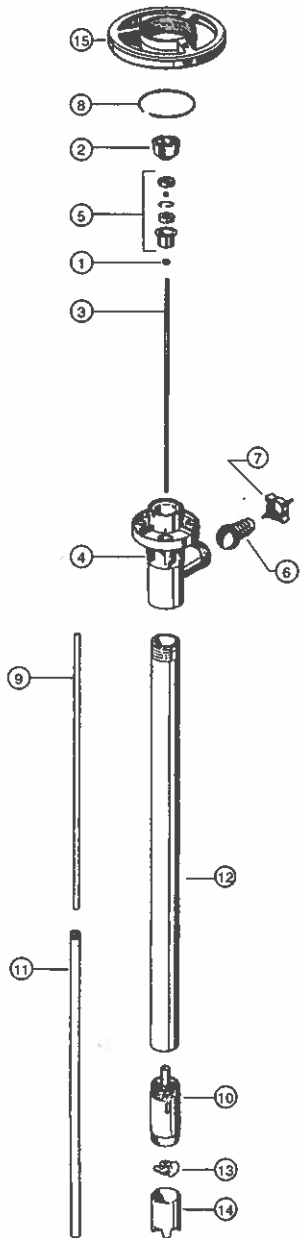
1. Disconnect motor from power supply and pump tube.
2. Place motor on a flat table in the upright position.
3. Remove fan cover screws. Be careful not to lose the wave washer or drop it into motor windings.
4. On the 340017 & 340018, it is necessary to next remove the fan and the bearing cover. Again, be careful of the wave washer.
5. Back out screw holding the clamp over the brush cartridge. Do not fully remove the screw or clamp.
6. Gently push brush cartridge toward the armature and lift up from the motor housing side.

TO INSTALL NEW BRUSH CARTRIDGE:

7. Check to be sure the brush plate is properly located in the brush channel. The brush plate has a tab that sits on the armature side of the brush holder.
Do not allow the brush plate to come in contact with the armature or a short circuit will occur. Do not position the brush plate where it will contact the motor housing or an electrical short circuit will occur, causing injury or death.
8. Push cartridge gently forward and down in the brush channel. The brass locator pins will fit into the locking channel. The cartridge can only go in one way. Re-check the connector plate below the brush cartridge.
9. Tighten the screw on the cartridge clamp. Be sure the clamp is not in contact with the armature.
10. On the 340017, 340018, re-install the bearing cover. Check the wave washer on top of the bearing.
11. Re-install fan.
12. Re-install fan cover.



POLYPROPYLENE PUMP TUBE 340020-1

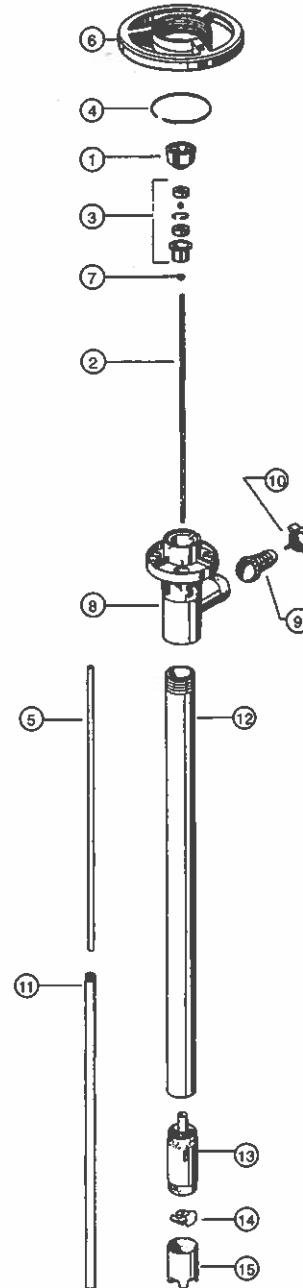


ITEM NO.	DESCRIPTION	PART NUMBER
1	V-seal - Viton	393766-23
2*	Pump coupling	393766-24
3	Drive shaft, 39" (1000 mm)	393766-25
4	Discharge housing	393766-26
5*	Bearing unit assembled - 2 each Viton shielded bearings, spacer, snap ring, bearing can	393766-27
6	Hose barb, 1" (25 mm)	393766-28
7	Wing nut	393766-20
8*	Snap ring	393766-29
9	Guide sleeve - TFE 39"	393766-30
10	Pump housing includes carbon bushing	393766-31
11	Inner tube, 39" (1000 mm)	393766-32
12	Outer tube, 39" (1000 mm)	393766-33
13	Impeller	393766-34
14	Pump foot	393766-35
15*	Hand wheel	393766-22

! Polypropylene pumps should not be used to pump flammables.
* Parts interchange with all pump tubes.



PVDF PUMP TUBE 340020-3

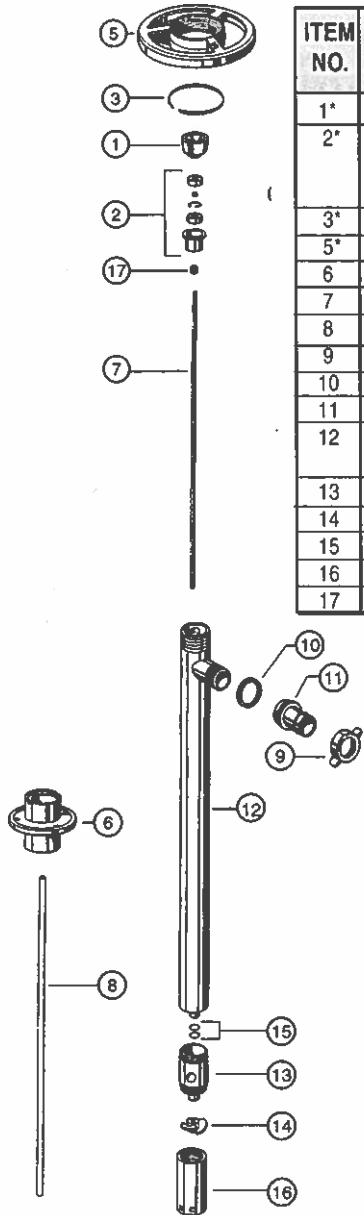


ITEM NO.	DESCRIPTION	PART NUMBER
1*	Pump coupling	393766-24
2	Drive shaft 39" (1000 mm)	393766-25
3*	Bearing unit assembled - 2 each Viton shielded bearings, spacer, snap ring, bearing can	393766-27
4*	Snap ring	393766-29
5	Guide sleeve - TFE 39"	393766-30
6*	Hand wheel	393766-22
7	V-seal - TFE	393766-36
8	Discharge housing	393766-37
9	Hose barb, 1" (25 mm)	393766-38
10	Wing nut	393766-39
11	Inner tube, 39" (1000 mm)	393766-40
12	Outer tube, 39" (1000 mm)	393766-41
13	Pump housing includes carbon bushing	393766-42
14	Impeller - PVDF High pressure rotor	393766-43
15	Pump foot High pressure pump foot	393766-44

! PVDF pumps should not be used to pump flammables.



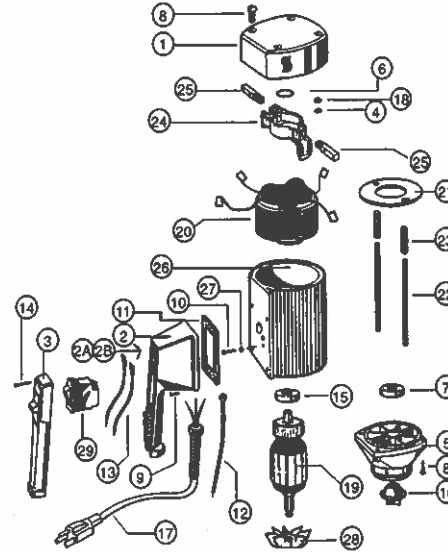
316 STAINLESS STEEL PUMP TUBE 340020-2



ITEM NO.	DESCRIPTION	PART NUMBER
1*	Pump coupling	393766-24
2*	Bearing unit assembled — 2 each Viton shielded bearings, spacer, snap ring, bearing can	393766-27
3*	Snap ring	393766-29
5*	Hand wheel	393766-22
6	Connection flange	393766-45
7	Drive shaft 39" (1000 mm)	393766-46
8	TFE guide sleeve 39" (1000 mm)	393766-47
9	Wing nut	393766-48
10	TFE seal	393766-49
11	Hose barb, 1" (25 mm)	393766-50
12	Inner/outer tube assembly 39" (1000 mm)	393766-51
13	Pump housing with carbon bushing	393766-52
14	TFE impeller	393766-53
15	'O'-ring, Viton, 2 per set	393766-54
16	Pump foot	393766-55
17	High pressure V-Seal - TFE	393766-36



OPEN DRIP PROOF MOTOR 340015 & 340016



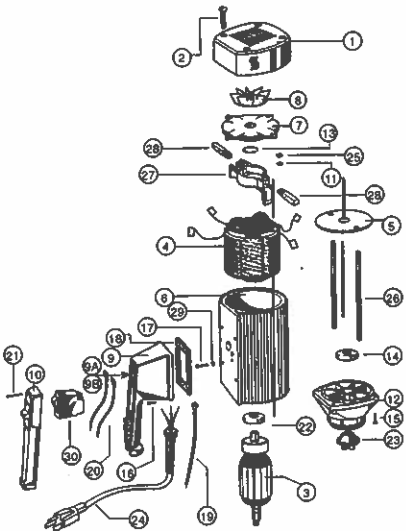
⚠ Open motor should not be used to pump flammables.

* If there is no part number listed, please consult manufacturer for spare parts replacement

ITEM NO.	DESCRIPTION	PART NUMBER*
1	Motor cover	
2*	Switch housing	
2A*	Switch housing for variable speed includes potentiometer 115V 230V	
2B*	Switch housing for batch control includes potentiometer and BCS port connection 115V 230V	
3*	Switch cover	
4*	Lock washer	
5*	Lower housing	
6*	Wave washer	
7	Ball bearing	
8	Screw for plastic housing	
9A*	Screw for 115V	
9B*	Screw for 230V	
10*	Ground screw	
11*	Gasket low voltage release (for 230V)	
12	Earthing lead	
13*	Lead	
14*	Screw	
15	Ball bearing	
16*	Motor coupling	
17*	Power cord w/strain relief & plug 115V 230V	
18*	Hexagon nut	
19	Armature 115V 230V	
20	Stator 115V 230V	
21	Guide disc	
22	Rod connector	
23	Pressure spring	
24*	Brush holder	
25*	Carbon brush 115V 230V	393766-57 393766-58
26	Motor housing, plastic	
27	Star washer	
28	Fan	
29*	Overload switch, 8.5 amp 5 amp low voltage release 115V 230V	



TEFC MOTOR 340017 & 340018



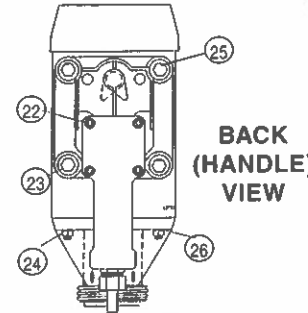
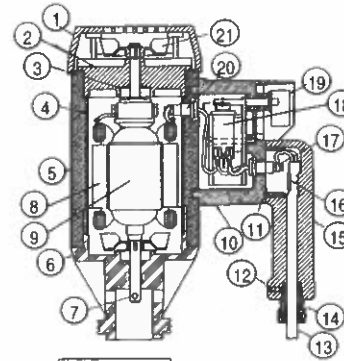
⚠ SP-ENC motor should not be used to pump flammables.

ITEM NO.	DESCRIPTION	PART NUMBER*
1	Motor cover	
2	Screw	
3	Armature 115V 230V	
4	Stator 115V 230V	
5	Guide disc	
6	Motor housing	
7	Bearing cover	
8	Fan	
9*	Switch housing	
9A*	Switch housing for variable speed includes potentiometer 115V 230V	
9B*	Switch housing for batch control includes potentiometer and BCS port connection 115V 230V	
10*	Switch cover	
11*	Lock washer	
12*	Lower housing	
13*	Wave washer	
14*	Ball bearing	
15	Screw	
16A*	Screw for 115V	
16B*	Screw for 230V	
17*	Ground screw	
18*	Gasket Low voltage release (for 230V)	
19	Earthing lead	
20	Lead	
21*	Screw	
22	Ball bearing	
23*	Motor coupling	
24*	Power cord w/strain relief & plug 115V 230V	
25*	Hexagon nut	
26	Rod connector	
27*	Brush holder	
28*	Carbon brush, 115V 230V	393766-57 393766-58
29*	Star washer	
30*	Overload switch, 8.5 amp 115V 5 amp 230V low voltage release	

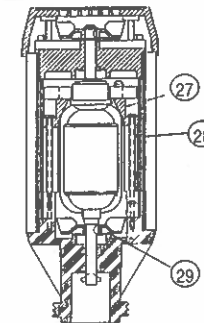
* If there is no part number listed, please consult manufacturer for spare parts replacement



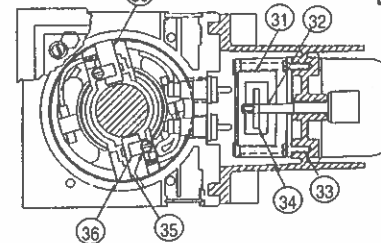
EXPLOSION-PROOF MOTOR 340019



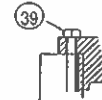
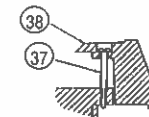
FRONT VIEW



TOP VIEW



ITEM NO.	DESCRIPTION
1	Fan cover
2	Bearing cover
3	Wave washer (2 req'd)
4	Glass sleeve
5	Motor housing
6	Lower housing
7	Motor coupling
8	Stator 230V
9	Armature 230V
10	Switch housing
11	Ground connector
12	Set screw
13	Cord without plug
14	Strain relief
15	Handle
16	Cord clamp
17	Pass through (4 req'd)
18	Switch
19	On / Off knob
20	Connector terminal
21	Fan
22	Switch handle screw (4 req'd)
23	Switch housing screw (4 req'd)
24	Motor bolt nut (8 req'd)
25	Switch housing washer (4 req'd)
26	Motor bolt washer (8 req'd)
27	Brush holder
28	Rod connector (2 req'd)
29	Ball bearing (2 req'd)
30	Carbon brush 230V (2 req'd)
31	Switch bracket
32	Switch actuator
33	Switch bracket screw (2 req'd)
34	Switch actuator pin
35	Brush tab screw (2 req'd)
36	Brush tab (2 req'd)
37	Fan cover screw (4 req'd)
38	Fan cover screw washer (4 req'd)
39	Motor bolt (4 req'd)



SECTION 6:

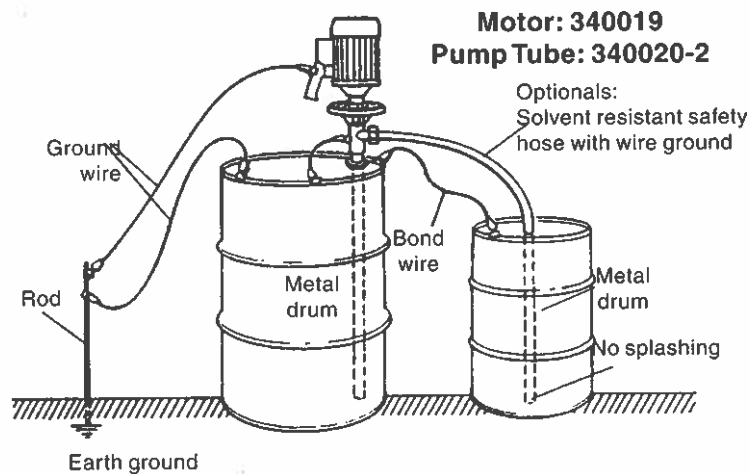


TRANSFERRING OF FLAMMABLES OR USE IN HAZARDOUS DUTY ENVIRONMENTS

Bonding is an electrical connection between a primary metal vessel and a metal receiving vessel. See schematic.

Grounding is an electrical connection between a metal vessel, pump, motor and a constant ground; i.e. a metal rod driven into the earth.

Bonding and grounding are required when pumping flammable materials or in hazardous duty environments. Failure to bond and ground properly can cause a discharge of static electricity resulting in fire, injury or death. Follow NFPA 77 and 30 procedures at all times. If in doubt, do not start pump! Be sure bonding and grounding wires are secure before starting operation. (Ground and bond wires must have less than one ohm resistance for safe usage. Check continuity before starting.) Always check with a safety engineer when any question arises and periodically check safety procedures with a safety engineer.



ALEMITE PUMP PACKAGES:

Pump packages include a motor, pump, hand nozzle, wall bracket, bung adapter, 6 ft. (2 m) PVC tubing.



Package: 340011

Includes:

- 340020-1 – Polypropylene construction - Hastelloy drive shaft - Viton V-seal - Viton sealed ball bearings - TFE guide sleeve - carbon grade 6038C carbon bushing - hose connection 1" (25 mm) available. Maximum temperature 130°F (55°C).
- 340015 – Open Drip Proof enclosure, 115V/1/50-60Hz-1.1 HP (825 watts) - 10,000 RPM, thermal overload protection switch, manual reset on switch, 16 ft. SJT U.L. listed, 3 wire cord with 3 prong molded plug.
- 393766-5 – wall bracket- used for proper storage of unit.
- 393766-3 – PP construction, 2" (41mm) bung adapter. Holds unit in proper vertical position.
- 393766-1 – PP construction, Hand Nozzle
- 393766-6 – 6 ft. (2 m) PVC tubing with hose clamps.

Package 340012

Includes:

- 340020-1 – Polypropylene construction - Hastelloy drive shaft - Viton V-seal - Viton sealed ball bearings - TFE guide sleeve - carbon grade 6038C carbon bushing - hose connection 1" (25 mm), 3/4" (22mm) available. Maximum temperature 130°F (55°C).
- 340016 – Open Drip Proof enclosure (IP 44), 230V/1/50-60Hz-1.1 HP (825 watts) - 10,000 RPM, thermal overload protection switch, Low Voltage Release (LVR), 16 ft. (5 m) CE listed, Har Ho 7 cable cord with plug
- 393766-5- wall bracket- used for proper storage of unit.
- 393766-3- PP construction, 2" (41mm) bung adapter. Holds unit in proper vertical position.
- 393766-1 – PP construction, Hand Nozzle
- 393766-6 – 6 ft. (2 m) PVC tubing with hose clamps.

Package 340013

Includes:

- 340020-2- pump, SS316 construction – SS316 drive shaft –TFE seal - Viton sealed ball bearings - TFE guide sleeve - carbon grade 6038C carbon bushing - hose connection 1" (25 mm), ¾" (22mm) available. Maximum temperature 175°F (80°C).
- 340015- Open Drip Proof enclosure, 115V/1/50-60Hz-1.1 HP (825 watts) - 10,000 RPM, thermal overload protection switch, manual reset on switch, 16 ft. SJT U.L. listed, 3 wire cord with 3 prong molded plug.
- 393766-5- wall bracket- used for proper storage of unit.
- 393766-4- SS construction, 2" (41mm) bung adapter. Holds unit in proper vertical position.
- 393766-2 – Aluminum Hand Nozzle
- 393766-6 – 6 ft. (2 m) PVC tubing with hose clamps.

Package 340014:

Includes:

- 340020-2 – pump, SS316 construction – SS316 drive shaft –TFE seal - Viton sealed ball bearings - TFE guide sleeve - carbon grade 6038C carbon bushing - hose connection 1" (25 mm), ¾" (22mm) available. Maximum temperature 175°F (80°C).
- 340016 – Open Drip Proof enclosure (IP 44), 230V/1/50-60Hz-1.1 HP (825 watts) – 10,000 RPM, thermal overload protection switch, Low Voltage Release (LVR), 16 ft. (5 m) CE listed, Har Ho 7 cable cord with plug.
- 393766-5- wall bracket- used for proper storage of unit.
- 393766-4- SS 304 construction, 2" (41mm) bung adapter. Holds unit in proper vertical position.
- 393766-6 – 6 ft. (2 m) PVC tubing with hose clamps.
- 393766-2 – Aluminum Hand Nozzle.

ACCESSORIES:

HAND NOZZLES:

- 393766-1 – PP construction, 1" (25 mm) hose barb intake & discharge.
- 393766-2 – Aluminum, 1" (25 mm) hose barb intake & discharge

BUNG ADAPTERS:

- 393766-3 – PP construction
- 393766-4 – SS 304 construction

WALL BRACKET:

- 393766-5 – storage bracket

STRAINERS:

- 393766-7 – PP, mesh
- 393766-8 – SS mesh

HOSE:

- 393766-6 – PVC hose, 6 ft. (2 m) with clamps
- 393766-10 – PVC hose, 10 ft. (3 m) with clamps
- 393766-12 - PVC hose, 12 ft. (4 m) with clamps

HOSE CLAMP:

- 393766-9

Declarations

Declaration of Conformity	When this unit is used as a stand alone unit it complies with: Machinery Directive 98/37/EC EN60204, EN60335-2-41, EN60335-1, Low Voltage Directive 73/23/Eec EN61010-1, EMC Directive 89/336/Eec EN55014, EN 550104EN50081-1, EN50082-1
Declaration of Incorporation	When this pump unit is to be installed into machine or is to be assembled with other machines for installations, it must not be put into service until the EN60335-2-41, EN60335-1, relevant machinery has been declared in conformity with Machine Directive 98/37/EC EN60204, EN60335-2-41, EN60335-1.

One year warranty

ALEMITE warrants, subject to the conditions below, through either ALEMITE, it's subsidiaries, or its authorized distributors, to repair or replace free of charge, including labor, any part of this equipment which fails within one year of delivery of the product to the end user. Such failure must have occurred because of defect in material or workmanship and not as a result of operation of the equipment other than in accordance with the instructions given in this material. Specific exceptions include:

- consumable items such as motor brushes, bearings, couplings and impellers.

Conditions of exceptions include:

- Equipment must be returned by prepaid carriage to ALEMITE, Inc., it's subsidiary or authorized distributor.
- All repairs, modifications must have been made by or with express written permission by ALEMITE, it's subsidiary or authorized distributor.
- Equipment which have been abused, misused, or subject to malicious or accidental damage or electrical surge are excluded.

Warranties purporting to be on behalf of ALEMITE made by any person, including representatives of ALEMITE it's subsidiaries, or its distributors, which do not fall within the terms of this warranty shall not be binding upon ALEMITE unless expressly approved in writing by a Director or Manager of ALEMITE.

Information for returning pumps

Equipment which has been contaminated with, or exposed to, bodily fluids, toxic chemicals or any other substance hazardous to health must be decontaminated before it is returned to ALEMITE, Inc, or its distributor.

A returned goods authorization number (RGA #) issued by ALEMITE, Inc., it's subsidiary or authorized distributor, must be included with the returned equipment. The RGA # is required if the equipment has been used. If the equipment has been used, the fluids that have been in contact with the pump and the cleaning procedure must be specified along with a statement that the equipment has been decontaminated.

NOTES

NOTES