The SV560 series dispensing pump is a solenoid operated piston driven pump that delivers a wide range of fluids with high precision. By combining the easily adjustable stroke of the pump with variable cycle rates, users have complete control of the volume and rate of dispense for specific applications. Wetted parts are stainless steel or FKM or EPDM, making this series suitable to handle a wide range of fluids.

**DESCRIPTION**

**APPLICATION**

The SV560 series is a rugged construction suitable for a variety of dispensing applications such as the following:

- Adhesive or ink dispensing
- Reagents for analyzers or clinical instruments
- Water for humidifications systems
- Lubricants for automated equipment
- Chemicals for pools & spas
- Syrup & flavoring for soda machines
- Fragrance for personal products

**FEATURES**

- Adjustability over a wide range of operating conditions
- Volume output per stroke is adjusted by mechanically setting stroke
- Flow rate per minute is adjusted by frequency of operation
- Repeatability within 2%
- Self priming: can start dry and capable of lifting 3’ of H2O
- Handles fluid viscosity as high as 10,000 centistokes
- Maintenance free and long life
- Built-in mounting bracket
### VALCOR SV560 SPECIFICATIONS

#### Construction

**Pump Parts in Contact With Fluid**

| Wetted Materials | 300/400 Series SS, EDPM or FKM, Silver (AC) |

#### Electrical

- **Standard Voltages**: 115/60 Hz or 24/DC. Other voltages are also available. Consult factory.
- **Standard Coil Housing**: General purpose with pigtail leads

#### Specifications

**Precision Dispensing Pump**

- **Tube Connection**: 3/16" ID flex tubing
- **Coil Construction**: Class H, 10" Leads
- **Power**: 15 Watts (115/60 Hz & 24 DC)
- **Output per Stroke**: 35 to 350 µl
- **Max. Stroke per Minute**: 120 on H2O
- **Max. Dispense CAP Rate**: 42 ml/min
- **Max. Priming Height**: 36” of H2O
- **Minimum On-Time**: 250 milliseconds
- **Max. On-Time**: 1 second (AC)
- **Repeatability**: ±2%
- **Special Requirements**: Consult Factory

#### Part Number Configurator

<table>
<thead>
<tr>
<th>Series Number</th>
<th>Lead Option</th>
<th>Voltage</th>
<th>Elastomer</th>
</tr>
</thead>
<tbody>
<tr>
<td>SV560</td>
<td>P = Pigtails</td>
<td>30H = 115/60 Hz</td>
<td>2 = FKM</td>
</tr>
<tr>
<td></td>
<td>C = Conduit</td>
<td>56H = 24/DC</td>
<td>7 = EPDM</td>
</tr>
</tbody>
</table>

Example: SV560P30H-7 equals SV500 pump with pigtail leads, 115/60 AC coil, & EPDM elastomer.