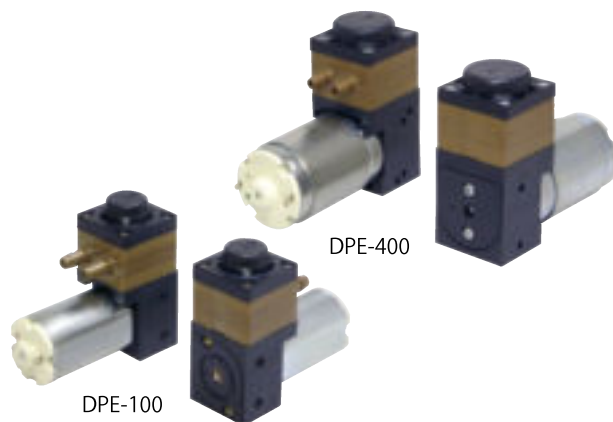


DC LIQUID PUMP



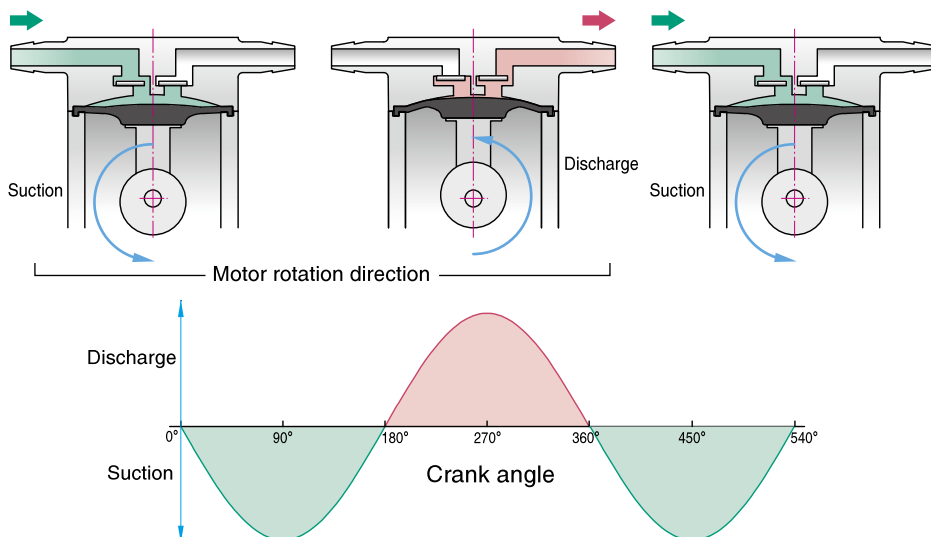
DIAPHRAGM PUMP



- **Built-in Pulse Absorption Chamber**
- **Many build material options for different liquids**
- **Self-priming type with air suction acceptable**

Typical Conventional Pump without Pulse Absorption

As liquid is transported through the suction and discharge passages of the pump and liquid circuit, high pulsations can be created which can cause cavitation, vibration in tubing, fittings, peak pulsing noises, and added stress and wear to pump mechanisms. These negative results are often increased through the use of small pumps having relatively high rotational speeds.



Advanced design DPE Pump with Pulse Absorption

Provides pulse attenuation which helps to create steady state flow, reduced noise and vibration throughout the fluid circuit, and enhances life of the pump and other circuit components. It's designed in. . . No need for additional installation cost or space with pulsation dampers.

- ① Suction
- ② Discharge. Partial fluid delivery to pulse absorption chamber, not directly forced to outlet port.
- ③ Cyclical suction drawn into pump is synchronized with the discharge.

Pulses are attenuated through the process of ② and ③.

