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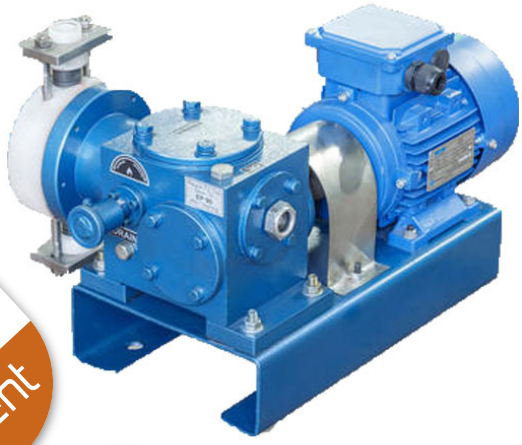
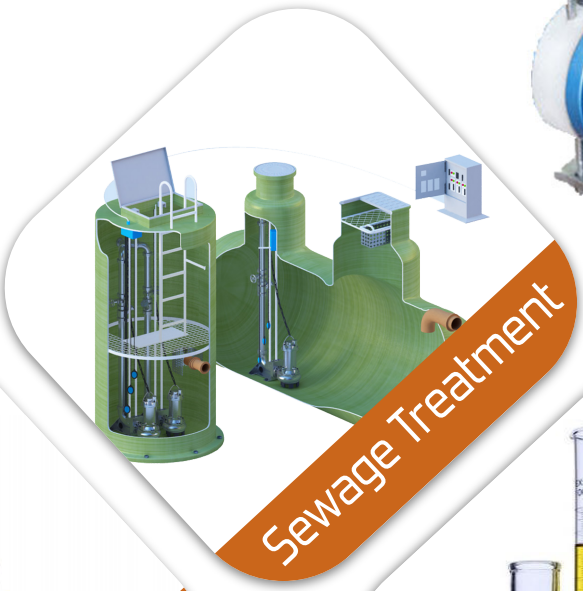
Pumping & Prime Mover Solution Company, Since 1956





CORROSION RESISTANT

Positive Displacement Pumps

DOSING & METERING PUMP

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DOSING & METERING PUMP

A dosing pump, which may be a positive displacement pump, is drawing to inject a chemical or another substance into a flow of water, gas, or steam. Dosing pumps, which are typically small, provide a particularly precise rate of flow for max control. they're the central part of an integrated dosing system designed for automatic dispersion of chemicals. This dosing definition applies to a good range of applications and industries, from wastewater treatment to food processing. A dosing pump draws a measured amount of liquid into its chamber and injects the chemical into a tank or pipe that contains the fluid that's being dosed. It's powered by an electrical motor or an air actuator and features a controller that turns the pump on and off and manages the flow.

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About Pump

Features

- At single setting of stroke from 10% to 100% (turn down ratio 10:1)
- Discharge flow rate is linear to aeration of stroke length
- Easily handles corrosive, abrasive or viscous fluids
- Flow metering accuracy is almost independent of back pressure of liquid
- Heating or cooling jackets for liquid head also available
- Low NPSHR requirement
- Steady state metering accuracy of +/-1% of pump output
- Repeatability better than +/-2.5% of set point

M.O.C

- Hastelloy C
- Polypropylene
- PVC
- PVDF
- SS316

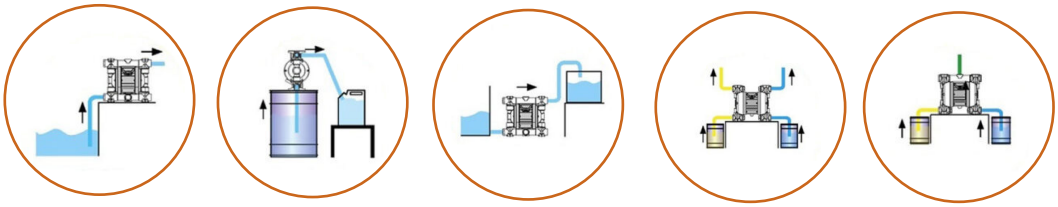
Specifications

- Maximum Flow Rate 10 M.Cu/hr
- Maximum Discharge Head or Pressure 400 Kg/Cm.sq
- Maximum Suction Lift Dry or Wet 3 mwc with foot valve
- Maximum Temperature 100 Deg C
- Design Diaphragm & Plunger

Applications

- Chemicals and Fertilizers
- Food and Beverages
- Oil & Gas
- Paper and Textiles
- Petrochemicals
- Pharmaceuticals
- Power
- Water, Waste Water, Sewage Treatments

Installations



Self Priming | Drum Transfer | Positive Suction Head | Twin Suction and Delivery Manifold | Twin Suction Manifold