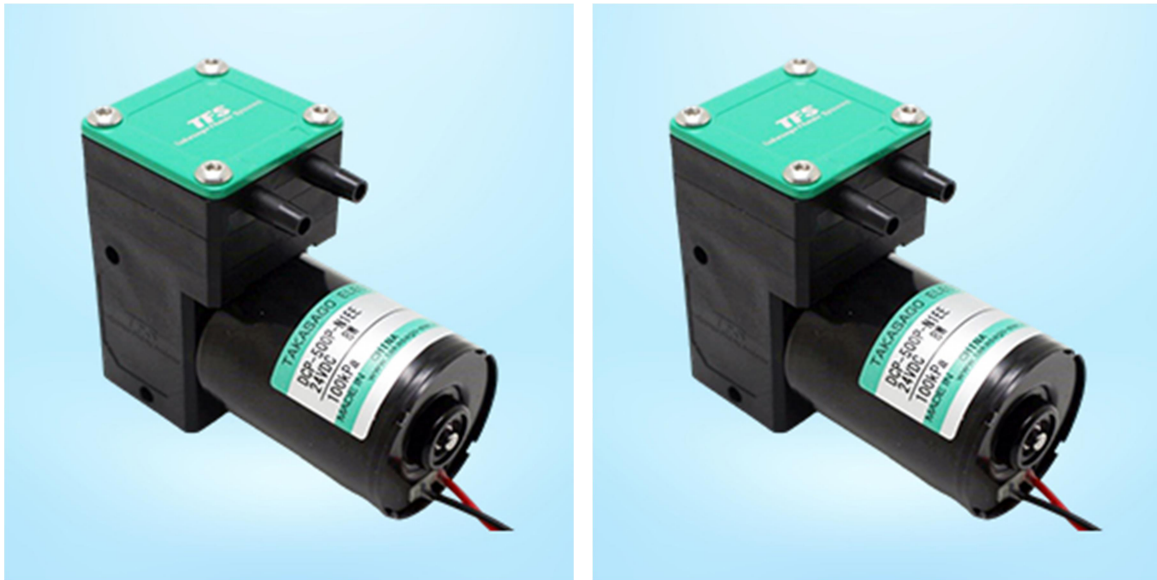


Diaphragm Pumps

Many industries face a common challenge to handle violent chemicals and acids, as they assemble easily with different diaphragms. Industrial owners should look for a fully functional Diaphragm Pumps. Experts also refer it to as a membrane pump or positive displacement pump. The pump performs functions by using a blend of the rubber's reciprocating action, thermoplastic, and other appropriate valves to push liquids.



The Diaphragm Pumps follows the pulsation method to let the liquid flow from it, which is the prime feature of the pump. Besides, the device supplies the fluid from its higher side constantly whenever the liquid or chemical enters its tube with the help of a check valve.

Other features of the pump are its energy efficiency, explosion proof, easy installation, long-term operations, and self-priming. Furthermore, the pumps possess changeable pressure of explosion and flow rate. Every pump of this type may push fluids regardless of their viscosities.

Every Diaphragm Pumps has found its applications in industries to push liquids / fluids, like volatile solvents, corrosive chemicals, shear-sensitive food items, viscous fluids, pharmaceutical products, and sticky fluids. Moreover, a few industries also use such pumps to push small solids, creams, dirty water, oils, abrasive slurry, and gels.

We at Sandur Fluid Controls Pvt. Ltd. supply varieties of diaphragm or membrane pumps to handle diverse fluids in modern industries. If your industry wants details, check our website.

Specification

Features / Characteristics

- 20% higher flow than other competitive pumps of similar size, even at higher pressure ranges.
- Brushless motors are used for longer life and lower noise than conventional products.
- No metal materials are used as wetted parts. Suitable for a wide variety of fluids.

Model Number	DCP-500P-N1EE	
Motor	DC Brushless Motor	
Port Connection	Hose Barbs	
Fluid Temperature Range	0-80°C	
Ambient Temperature Range	0-40°C	
Rated Voltage	12 or 24 VDC	
Power Consumption	8 W	
Other Wetted Materials	PP and EPDM (Optionally FKM)	
Flow Rate	500 mL/min*1	
Discharge Pressure	100 kPa	
Weight	145 g	
Notes	Maximum Vacuum Pressure	-60 kPa
	Life Cycle	4,000 Hours*2