

# DBY electric diaphragm pump



## Brief introduction:

DBY electric diaphragm pump is for the current domestic one of the most novel chemical pumps, simple structure, convenient repairing, liquid stability, small vibration, low noise, strong self-priming capacity, high transmission liquid viscosity, a self-priming pump, submersible pump, shield pump, slurry pump and impurity pump conveying machinery of the many advantages.

Electric diaphragm pump is a new type of pump, in recent years, due to the breakthrough progress has been made on the diaphragm material, there is a growing international industrialized countries have adopted this type of pump, replace part of centrifugal pump, screw pump, to application in petrochemical, ceramics, metallurgy and other industries, my unit current production of electric diaphragm pump product design reference prototype Abel companies in the United States, dby type diaphragm pump is suitable for low pressure, the outlet pressure of 3 or less  $\text{k9f/cm}^2$ .

## Performance feature:

- 1, do not need irrigation water diversion, self-priming capacity of more than 7 meters.
- 2, Through performance is good, the following 10 mm in diameter of particle, mud, etc all can easily pass.
- 3, Because the diaphragm is medium and transmission machinery parts separately, so the media would never leak outward. No shaft seal and pump itself, g

reatly extend the service life. According to the different media, the diaphragm can be divided into chloroprene rubber, fluorine rubber, nitrile butadiene rubber, etc., can meet the requirements of different users.

4,Pump body medium flows through the part, according to user requirements, can be divided into cast iron, stainless steel, rubber lining, the motor can be divided into common type and explosion-proof type two kinds.

### **Main application:**

Pump suction, pickles, mashed potatoes, sausage, chocolate, peanut butter, hops.syrup

Paint, paint, glue, glue,

All kinds of tiles, porcelain, brick, and ceramic slurries

All kinds of abrasive, etch, cleaning oil dirties

All kinds of highly toxic, flammable, volatile liquid

All kinds of sewage, cement grout and mortar

All kinds of strong acid, strong alkali, strong corrosive liquid

Various viscous slurry, emulsion, various ointment cosmetic

### **The main technical parameters:**

Model	Capacity (M3/h)	Pressure (Mpa)	Motor power(kw)	Max particles (mm)	Self priming(m)
DBY-10	0.75	0.4	0.75	1	3
DBY-15	0.75	0.4	0.75	1	3
DBY-25	3.5	0.4	1.5	5	4
DBY-40	4.5	0.4	1.5	5	4
DBY-50	7.2	0.4	2.2	8	4.5
DBY-65	8	0.4	2.2	8	4.5
DBY-80	16	0.4	4	10	5
DBY100	20	0.4	4	10	5