



Plastics Air-Operated Diaphragm Pump

China Advanced Plastics Air-Operated Diaphragm Pump Manufacturers and Suppliers. The Plastic Air-Operated diaphragm pump is the third generation of pneumatic diaphragm pump developed by Dongkai. It has six advantages of reliable quality, long service life, low noise floor, low vibration, high lift, never crash, and fine workmanship.

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1. Product Introduction of Plastics Air-Operated Diaphragm Pump

Plastics Air-Operated diaphragm pump Working principle: in diaphragm pump The two symmetrical working chambers are each provided with a flexible diaphragm, and the connecting rods form the two diaphragms into one body. After the compressed air enters the valve from the intake joint of the pump, the diaphragm in the two working chambers is pushed to drive The two diaphragms of the link are synchronized. At the same time, the gas in the other working chamber exits the pump from the back of the diaphragm. Once the end of the trip is reached. The valve train automatically introduces compressed air into the other working chamber, pushing the diaphragm in the opposite direction, thus forming a synchronous reciprocating motion of the two diaphragms. Two one-way ball valves are arranged in each working chamber, and the reciprocating motion of the diaphragm causes a change in the inner volume of the working chamber, forcing the two one-way ball valves to be alternately opened and closed, thereby continuously sucking in and discharging the liquid.

2.Product Parameter (Specification) of Plastics Air-Operated Diaphragm Pump

Plastic Air-Operated diaphragm pump lines provides the durability,chemical resisittance,abrasion resistance,and temperature range required for a variety of process and water applications. The standard material combination is composed of polypropylene casing and Teflon diaphragm balls and valve seat

PTEE diaphragm are extremely suitable for aggressive chemicals.

Excellent in acidic & caustic applications with long flex life and handles abrasives well

Features

1, Due to the use of air power, the flow automatically changed according to export resistance. Which is suitable for high viscosity fluid.

3, The pump volume is small, easy to move, no foundation needed, convenient installation and economy. Can be used as mobile conveying pump.

4, Where there are dangers, corrosive materials processing, diaphragm pump can be separated completely with outside.

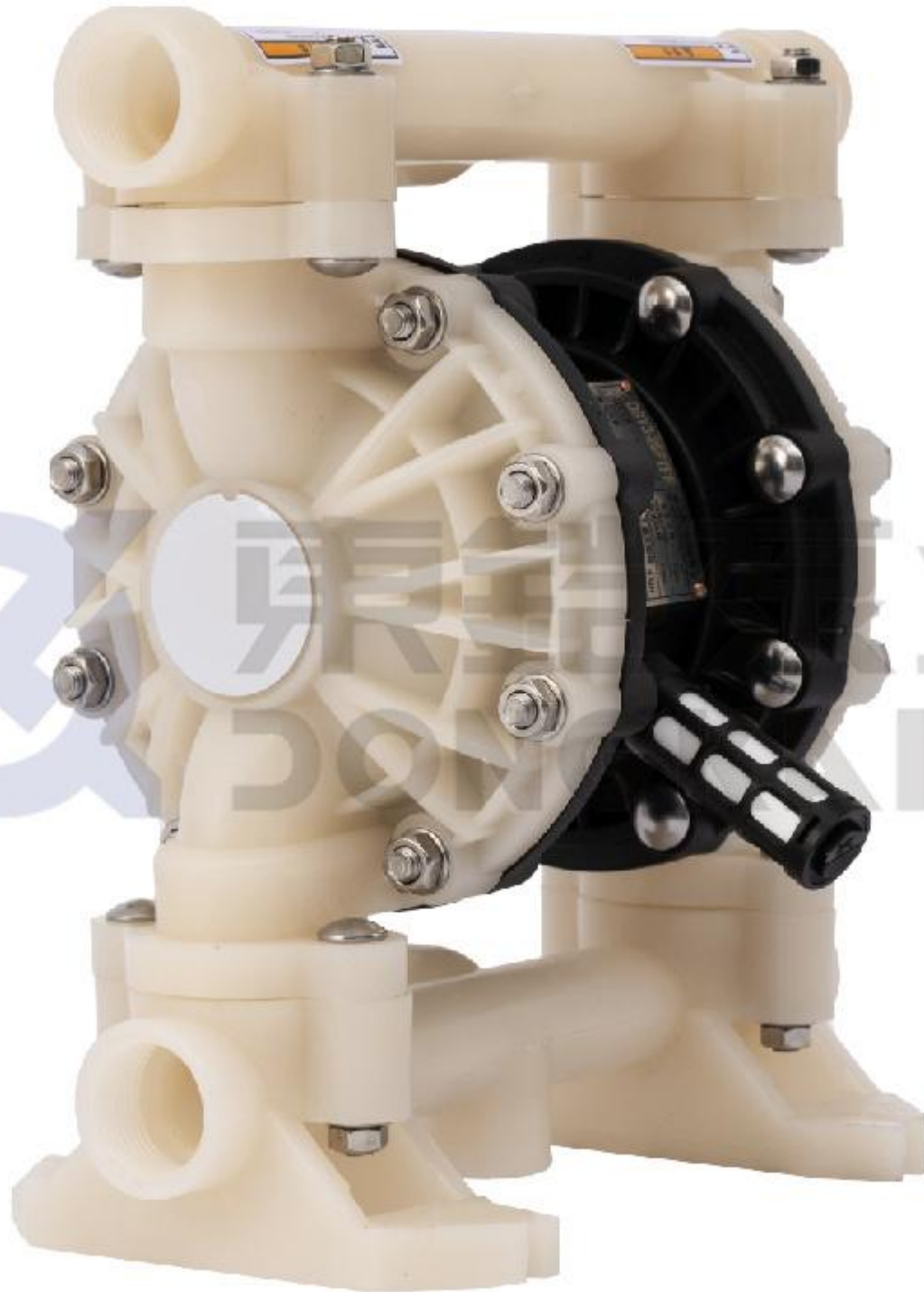
5, The pump shearing force is low, physical effect to medium is small, can be used for conveying unstable chemistry fluid.

Applications

The Plastics Air-Operated diaphragm pump are widely used in water supply and drainage type of fluid, serous transmission, highly toxic, flammable, volatile liquid delivery, jam, oil and special plastic suction media delivery.

3.Deliver,Shipping And Serving of Plastics Air-Operated Diaphragm Pump





7. FAQ

Q: Are you trading company or manufacturer ?

A: We are factory, and our factory has the independent research and development capacity

Can the equipment be installed under hot weather?

Yes.

Can Your products be installed under the cold weather?

Yes.