



Product parameters:

Gas flow rate: 6 L / MIN

Maximum negative pressure: -82KPa

Motor type: Brush motor

Power supply voltage: the DC 24V 12V the DC the DC 6V

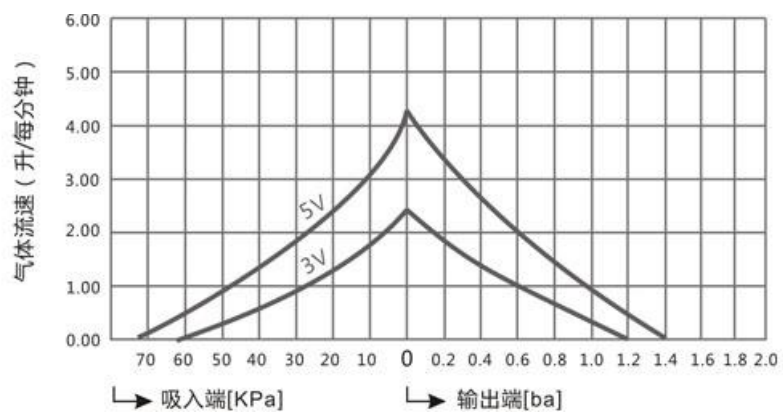
Pump head material: PTFE nylon steel

Diaphragm material: PTFE EPDM

Other seal material: EPDM PTFE FKM FFPM

Performance curve:

MV-SD820 two-wire drive 5V parameter curve, four-wire adjustable speed drive parameter curve for the 3V - 5V, see the following figure:



Product Features:



免维护



重量轻



体积小



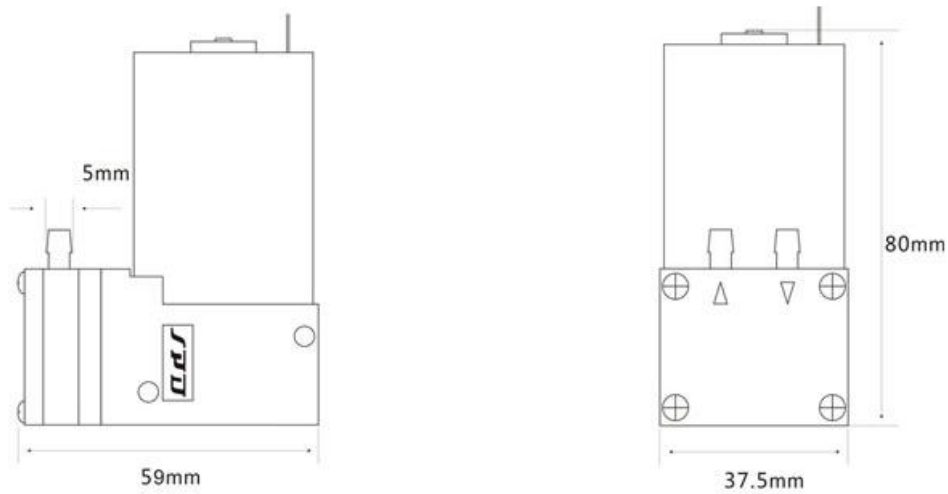
防泄漏



易安装

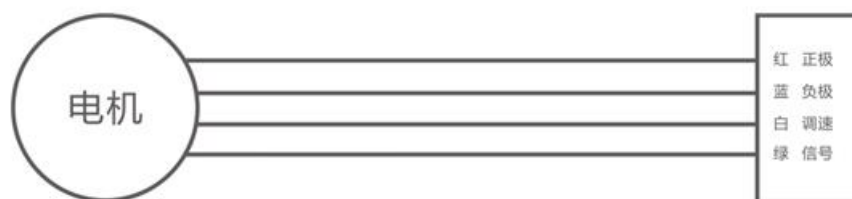
- 1, through the fluid will not overheat, no harmful fluid discharge.
- 2, the flow can be adjusted, you can install the inlet or outlet regulating valve to adjust the flow.
- 3, with self-priming function, you can work long hours, can be a long time continuous work.
- 4, small size, light weight, easy to install and move.
- 5, no lubrication, not because of drip and other problems and pollution of the environment.
- 6, no moving seal, maintenance is simple and no leakage, no dead work.

### Product Dimensions:



### Diaphragm pump lead way:

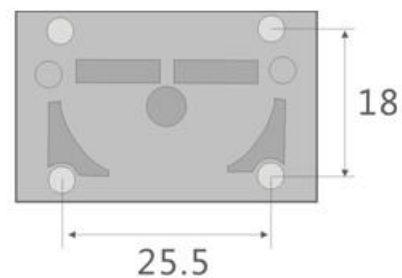
MV-SD820 lead length of 300MM, two-wire red lead is positive, black lead is negative. Four-wire red lead is positive, blue lead is negative, white lead for the speed line, the green lead for the signal line. Four-wire drive wiring diagram is as follows:



**Note: Wiring fault may cause motor damage.**

### Diaphragm pump installation:

The diaphragm pump can choose the soft connection installation and the hard connection installment, the soft connection installment can extremely effectively reduce the pump body the vibration to cause most noise, to the noise request higher may choose to use, because the soft connection installment variability is bigger, Here is not made, the specific customer service can be consulted. There are two kinds of hard connection installation: 1, the use of riding a horse directly fixed motor; 2, with 3MM self-tapping screws, fixed pitch reference to the following figure, unit MM.



### Note the use of diaphragm pumps:

- 1, MV-SD820 effectively through the particle diameter of 0.08MM, particle density of 5%, such as excessive impurities, please use the filter liquid, or prone to congestion and so on.
- 2, the correct use of diaphragm pumps, light-light, no beating.
- 3, please follow the marked wire connection, brushless motor lead wrong may burn the motor.
- 4, the use of this product transmission of toxic fluids, please do not return the product directly to our maintenance, so as to avoid potential safety problems.
- 5, according to the use of the environment to choose the right pump parts, pump head to ensure that the medium will not be corroded, the specific choice can be directly consulting customer service.