

BD - 05T Series - Micro Diaphragm Pump

Model:BD-05TVB

Performance Data	
Model	BD-05TVB
Voltage range	12/24V
In parallel connection	Flow: 7.2L/min Negative pressure: -70kPa
In series connection	Flow: 4.6L/min Negative pressure: -90kPa
Max positive pressure	1-1.5bar
Motor Data	
Motor type	brushless motor
Max power	8W
Waterproof lever	IP54
Physical Properties	
Storage temperature	-40℃~60℃
Operating environment	-20℃~45℃
Medium temperature	-10℃~45℃
Material	
Head of pump	PPS
Diaphragm/Valve	EPDM (Customized FKM)
Pump body	Nylon
Dimension	76.2*32*64.3mm
Weight	188g



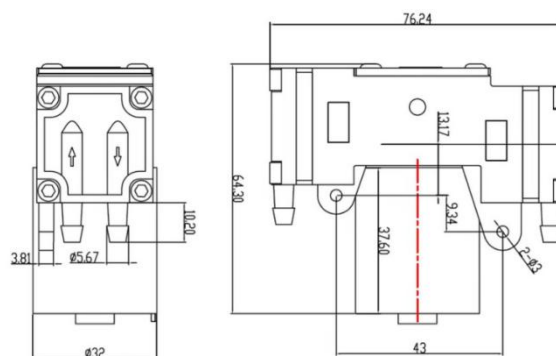
Features

Optimized pump body to ensure small volume, provide large flow and maintain relatively low power consumption.

The gas flow is stable and the motor runs in a wide range.

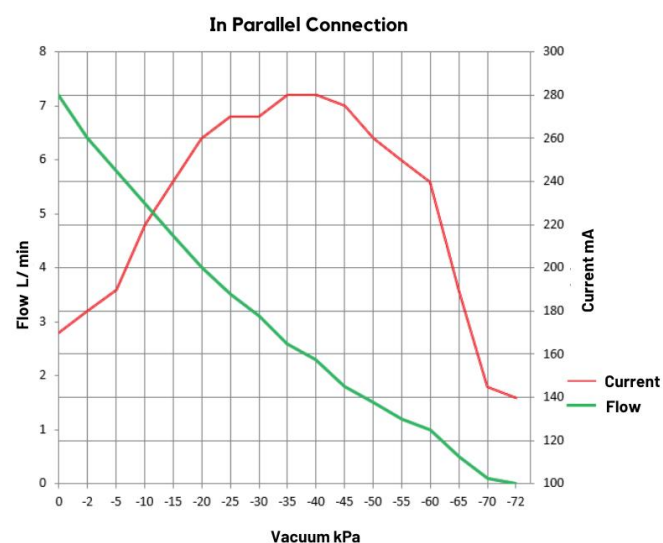
- High performance, can bear high vacuum working
- Dc brushless motor 8000-10Khours lifetime
- Professional seal design ensures low leakage rate
- Pollution-free sample gas
- High quality imported EPDM and customized FKM rubber materials, withstand a variety of gas corrosion

Drawing(mm)



Curve

Curve



In Series Connection

