

# BD - 05T Series - Micro Diaphragm Pump

## Model:BD-05TVB

| Performance Data       |                                             |
|------------------------|---------------------------------------------|
| Model                  | BD-05TVB                                    |
| Voltage range          | 12V                                         |
| In parallel connection | Flow: 7.2L/min<br>Negative pressure: -70kPa |
| In series connection   | Flow: 4.6L/min<br>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                                        |



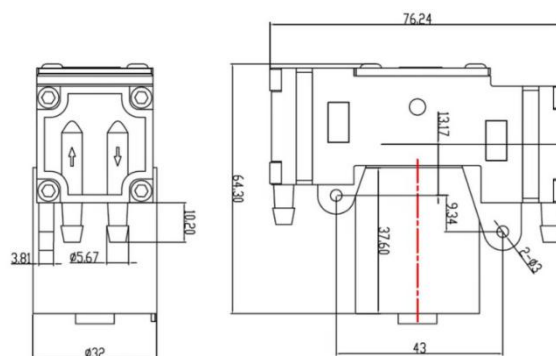
### Features

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 8000-10K hours 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

