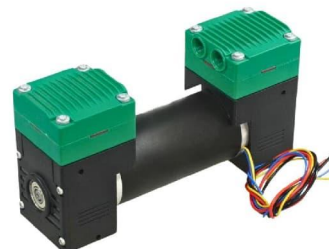


BD - 05T Series - Micro Diaphragm Pump

Model:BD-05T0617LB

Performance Data	
Model	BD-05T0617LB
Voltage range	24V
In parallel connection	Flow: 17L/min Negative pressure: -80kPa
In series connection	Flow: 12L/min Negative pressure: -95kPa
Max positive pressure	3.8bar
Motor Data	
Motor type	High-end brushless motor DC
No Load Current	2A
Physical Properties	
Operating environment	5℃~40℃
Medium temperature	10℃~60℃
Material/Other	
Inlet and outlet threads	G1/8
Head of pump	PA66
Diaphragm/Valve	EPDM
Noise	60dB
Lifetime	10000H
Dimension	160*46*80mm
Weight	720g



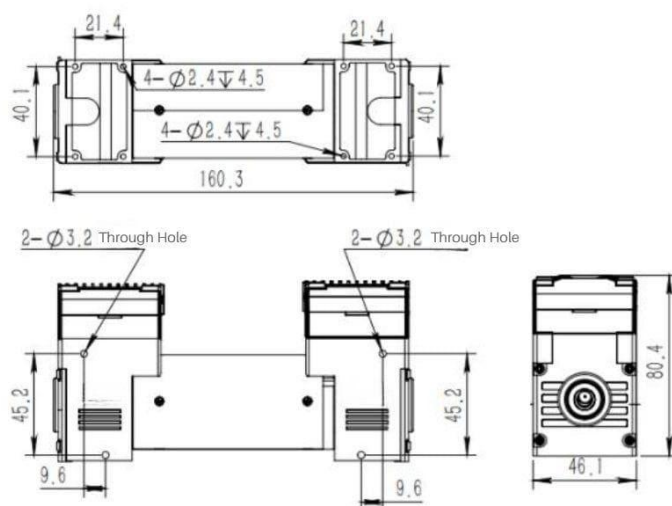
Features

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 dc brushless motor 8000 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)



Installation & Usage Notes

- 1.Install a filter with a minimum filtration accuracy of $\leq 30 \mu\text{m}$ at the pump inlet to prevent particle ingress
- 2.Bottom mounting: $4 \times \text{Ø}2.5 \text{ mm}$ holes, depth 4.5 mm, recommended to use M3 self-tapping screws for through-board fixation
- 3.Side mounting: $2 \times \text{R}1.6 \text{ mm}$ through holes, Use M3 screws for through-board installation and fixation