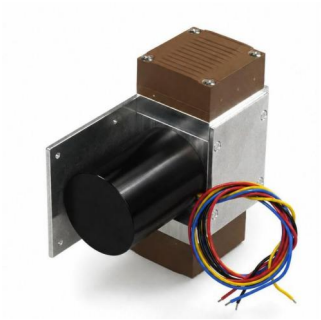
BD - 05T Series - Micro Diaphragm Air Pump

Model:BD-05T0613LB

Performance Data	
Model	BD-05T0613LB
Voltage range	24V
In parallel connection	Flow: 13L/min Negative pressure: -60kPa
In series connection	Flow: 6.5L/min Negative pressure: -70kPa
Max positive pressure	1.4bar
Motor Data	
Motor type	High-end brushless motor DC
No Load Current	0.5A
Physical Properties	
Operating environment	5℃~40℃
Medium temperature	10℃~40℃
Material/Other	
Hose Suggest(soft)	ID4mm, OD6mm
Head of pump	PPS
Diaphragm/Valve	EPDM
Noise	55dB
Lifetime	8000H
Dimension	107.9*48*103.8mm
Weight	800g



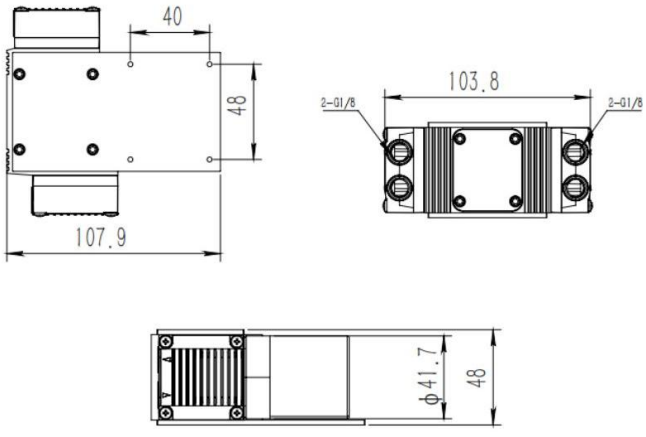
Features

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 rated at 30 μm or finer at the pump inlet.

2.Installation: Four M3 through holes

3.Wiring Definition: Red wire: Positive (+); Black wire: Negative (–); Blue wire: PWM control signal (0–5V speed regulation); Yellow wire: FG (speed feedback signal).

4.Full-Speed Operation (Without Speed Control):Connect red + blue wires to positive (+); Connect black wire to negative (–); Leave yellow wire unconnected.