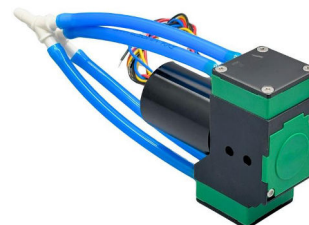


BD - 05T Series - Micro Diaphragm Air Pump

Model:BD-05T0511LB

Performance Data	
Model	BD-05T0511LB
Voltage range	12V
In parallel connection	Flow: 11L/min Negative pressure: -70kPa
In series connection	Flow: 7L/min Negative pressure: -90kPa
Max positive pressure	2.2bar
Motor Data	
Motor type	High-end brushless motor DC
No Load Current	0.32A
Max power	18W
Physical Properties	
Operating environment	5℃~40℃
Medium temperature	10℃~40℃
Material/Other	
Hose Suggest(soft)	ID4mm, OD6mm
Head of pump	PA66
Diaphragm/Valve	EPDM
Noise	60dB
Lifetime	8000H
Dimension	70.5*31*67mm
Weight	230g



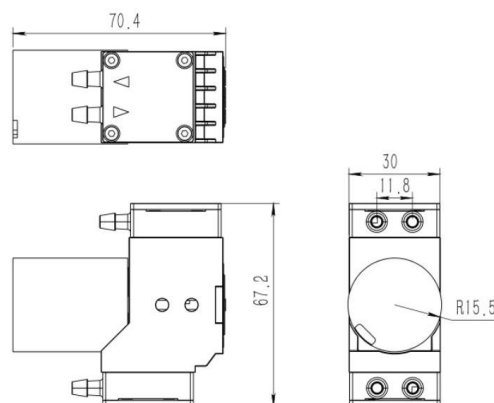
Features

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

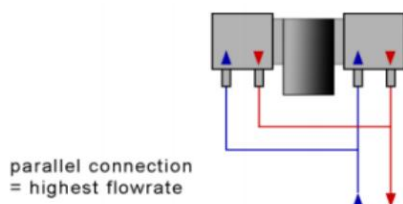
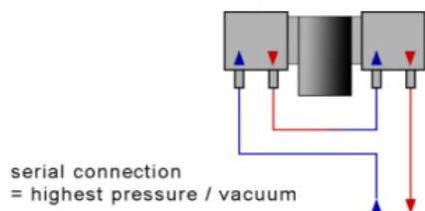
The gas flow is stable and the motor runs in a wide range.

- 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)



Connection Instructions



Wiring Definition

Red wire: Positive (+);

Black wire: Negative (-);

Blue wire: PWM control signal (0-5V speed regulation);

Yellow wire: FG (speed feedback signal)