BD - 05T Series - Micro Diaphragm Pump

Model:BD-05T032.7LB

Performance Data	
Model	BD-05T032.7LB
Voltage range	12V/24V
Maximum flow	2.7L/min
Maximum negative pressure	-60KPa
Maximum positive pressure	70KPa
Motor Data	
Motor type	DC brushless motor
Max power	3W
Waterproof lever	IP20
Physical Properties	
Storage temperature	-40℃~60℃
Medium environment	-20℃~45℃
Material	
Pump head	PPS
Valve	EPDM (Customized FKM)
Diaphragm	EPDM (Customized PTFE)
Pump body	Engineering plastics
Dimension	45.5*38*39.3mm
Weight	57g



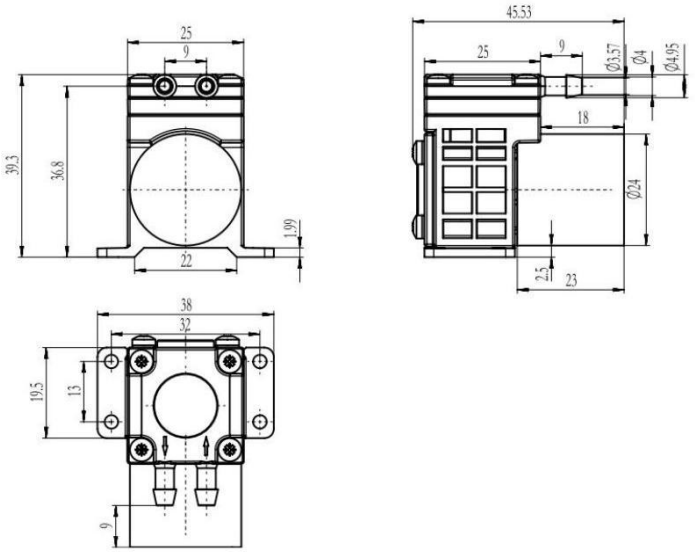
Features

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

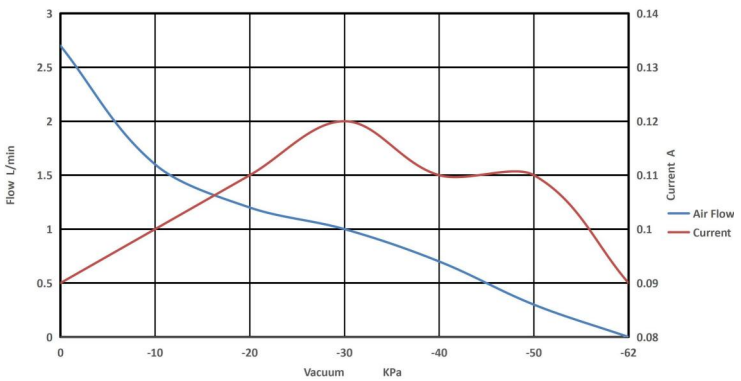
The gas flow is stable and the motor runs in a wide range.

- Low leakage rate and pollution-free sample gas
- Long lifetime:Dc brushless motor: 8000-10000 hours

Drawing(mm)



Curve



Wiring instructions

- Red wire: VCC Power positive
- Black wire:GND Negative power supply
- Blue wire: PWM 10-30KHz; 10-100%(100%=max rpm/0-10%=0 rpm)
- Yellow wire: FG, 3Pulse/Cycle