

# BD - 05T Series - Micro Diaphragm Pump

## Model:BD-05T01.52000B

Performance Data	
Model	BD-05T01.52000B
Voltage range	5V
Maximum flow	2L/min
Maximum negative pressure	-45KPa
Maximum positive pressure	+50KPa
Motor Data	
Motor type	DC brushless motor
Max power	0.8w
Waterproof lever	IP20
Physical Properties	
Storage temperature	-40℃~60℃
Operating environment	-20℃~45℃
Material	
Pump head	Nylon/PPS
Diaphragm/valve	EPDM Customized FKM
Pump body	Nylon
Dimension	49*47*23mm
Weight	41g

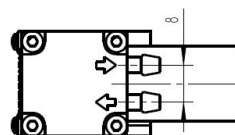
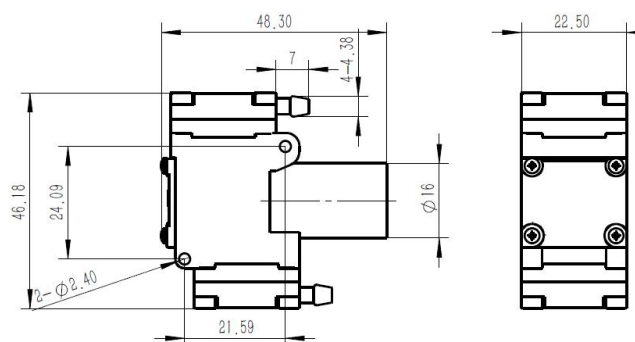


### Features

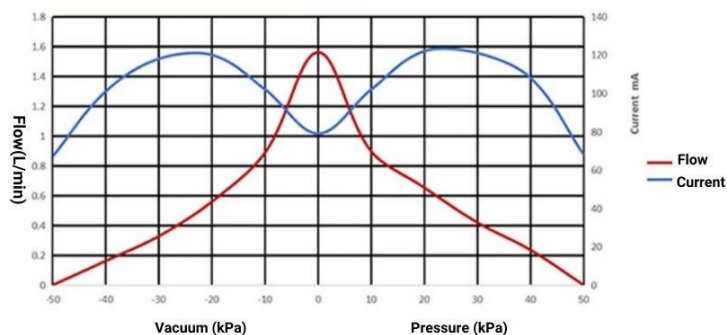
Optimized pump body to ensure small volume, provide large flow and maintain relatively low power consumption. The gas flow is stable and the motor runs in a wide range.

- Professional seal design ensures low leakage rate
- High quality imported EPDM rubber materials,
- Long lifetime: Brushless motor: 10000hours

### Drawing(mm)



### Curve



### Application fields

- CEMS
- Handheld Instruments
- Analysis Instrument
- Medical Device
- Food Processing
- Environmental Protection
- Automatic Production Line Robot