

BD - 05T Series - Micro Diaphragm Pump

Model:BD-05T01.51000EP

Performance Data	
Model	BD-05T01.51000EP
Voltage range	1V~4V
Maximum flow	1L/min
Maximum negative pressure	-40KPa
Maximum positive pressure	+50KPa
Motor Data	
Motor type	DC coreless brush motor
Max power	0.4w
Waterproof lever	IP20
Physical Properties	
Storage temperature	-40℃~60℃
Operating environment	-20℃~50℃
Material	
Pump head	PPS
Diaphragm/valve	EPDM Customized FKM
Pump body	Nylon
Dimension	42*34*23mm
Weight	29g



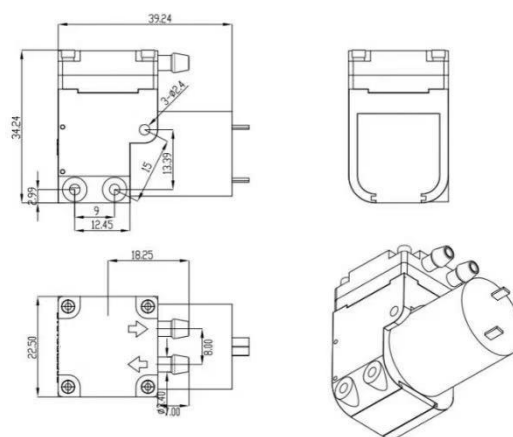
Features

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.

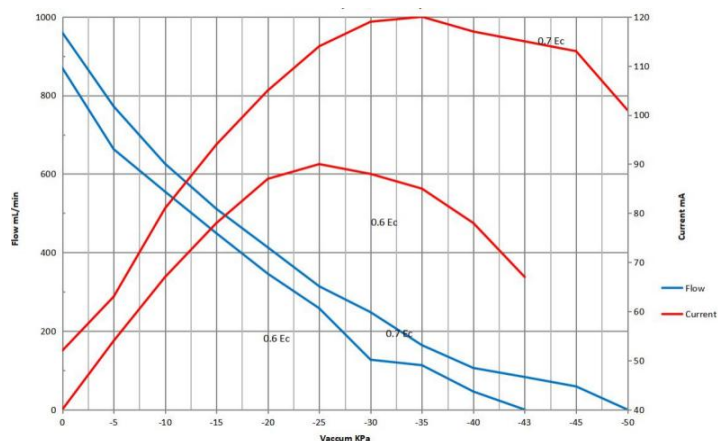
- Professional seal design ensures low leakage rate
- Pollution-free sample gas
- High quality imported EPDM rubber materials
- Long lifetime:Dc coreless motor: 6000-8000hours

Drawing(mm)



Curve

At 4V



Application fields

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