

BD - 05T Series - Micro Diaphragm Pump

Model:BD-05T01.51500B

Performance Data	
Model	BD-05T01.51500B
Voltage range	5V/12V
Maximum flow	1L/min or 1.5L/min (TSI Electric Flowmeter)
Maximum negative pressure	-45KPa
Maximum positive pressure	+50KPa
Motor Data	
Motor type	DC brushless motor
Max power	0.4w
Waterproof lever	IP20
Physical Properties	
Storage temperature	-40℃~60℃
Operating environment	-20℃~45℃
Material	
Pump head	PPS
Diaphragm/valve	EPDM Customized FKM
Pump body	Nylon
Dimension	42*35*23mm
Weight	29g

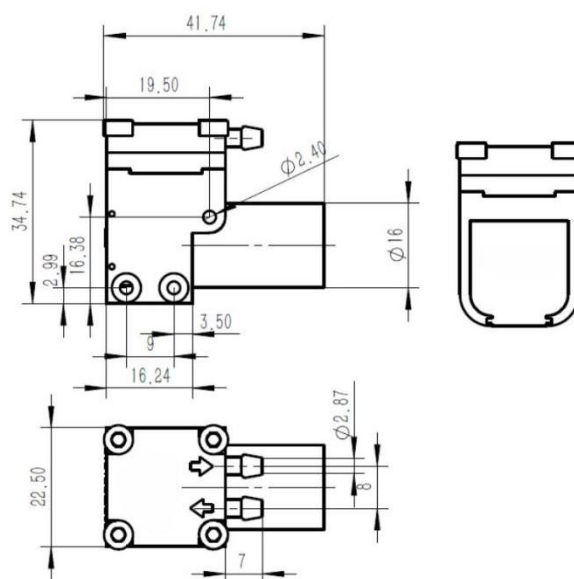


Features

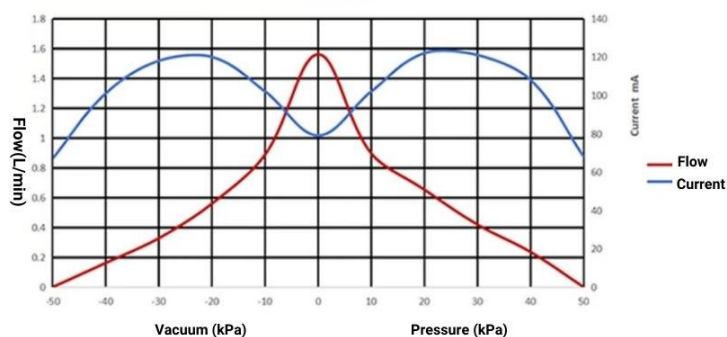
Optimized pump body to ensure small volume, provide large flow and maintain relatively low power consumption. The gas flow is stable and the motor runs in a wide range.

- Professional seal design ensures low leakage rate
- High quality imported EPDM rubber materials,
- Long lifetime: Brushless motor: 8000 hours

Drawing(mm)



Curve



Application fields

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