

# BD -05T Series - Micro Diaphragm Pump

## Model:BD-05T02.53000

Performance Data	
Model	BD-05T02.53000
Voltage range	1V~5V
Maximum flow	3L/min
Maximum negative pressure	-60KPa
Maximum positive pressure	+70KPa
Motor Data	
Motor type	DC brushed coreless motor
Max power	1.6W
Waterproof lever	IP20
Physical Properties	
Storage temperature	-40℃~60℃
Operating environment	-10℃~45℃
Material	
Pump head	PPS
Diaphragm/valve	EPDM Customized FKM
Pump body	Nylon
Dimension	43*29*16mm
Weight	35g



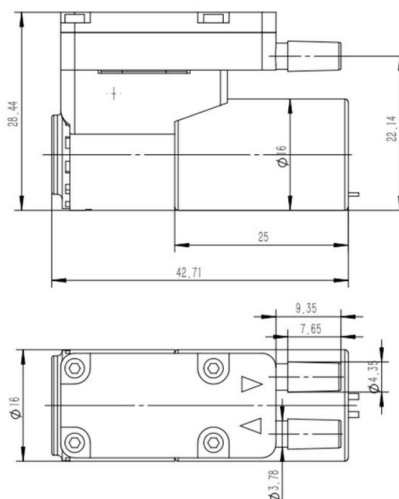
### Features

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.

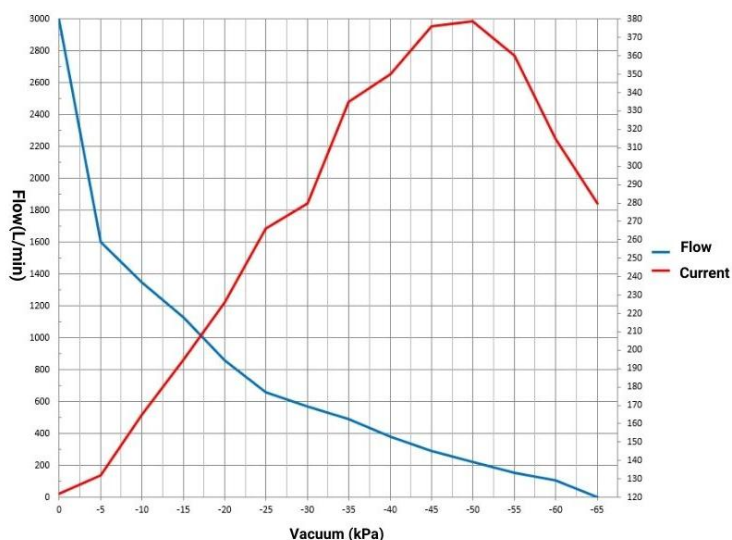
- High performance
- Dc coreless motor, lifetime 6000~8000 hours
- Imported ball bearing material design
- Professional seal design ensures low leakage rate
- Low leakage rate and pollution-free sample gas
- High quality imported EPDM rubber materials

### Drawing(mm)



### Curve

DC 4V



### Application fields

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