

BP61000 DC motor peristaltic pump

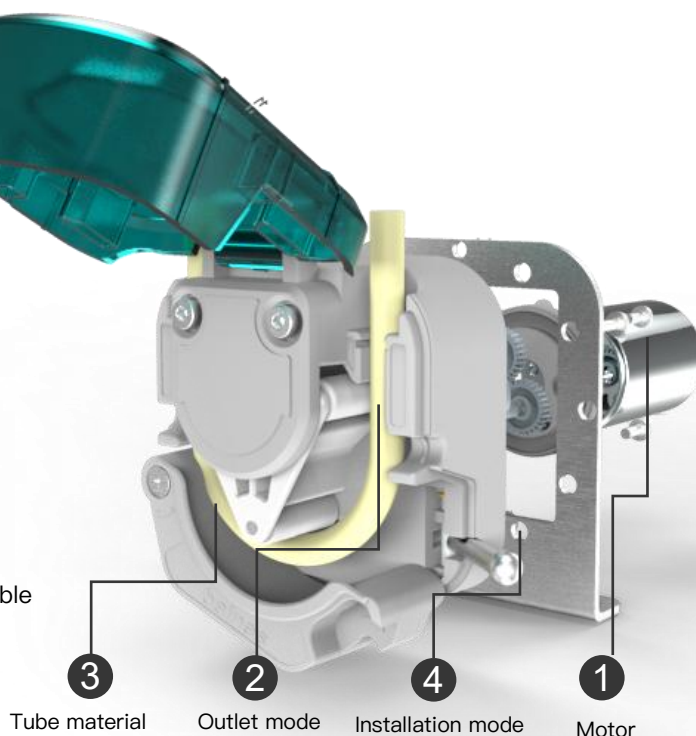


A/1

Product Brochure

● Structural decomposition

- Spring compensation structure extends pump tube life
- Prevent liquid reflux negative pressure stabilization
- Multi-gear collaborative drive long life and low noise
- Double bearing support drive long life maintenance free
- Strengthen engineering plastics with high strength and stable performance
- Transparent shell works visually beautiful and generous
- Imported pump pipe has good chemical resistance



● Model Interpretation

BP1000

DM

U

S64

B

1

2

3

4

1

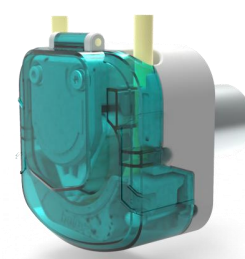


DM:24V DC Motor DN:12V DC Motor

2



1:Pipe outlet mode



U:Pipe outlet mode

3

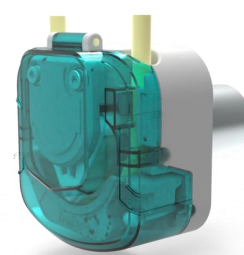


S:Silicone Tube

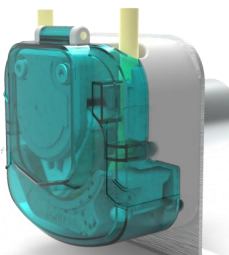


N:NorpreneTube

4



A Installation mode



B Installation mode

● Pump tube selection

Code/Material	Features	Tube life
N  Norprene tube	FDA certification, suitable for food and dairy applications, heat resistance, ozone resistance, acid and alkali resistance, anti-aging, anti-oxidation, long life, working temperature range-59 °C ~ 135°C	≥1000h
S  Silicon tube	Low cost, weak acid and alkali resistance, corrosion resistance to chemicals compared to the Norprene pump pipe	≤200h

Pump tube life testing method:

BP1000 peristaltic pump, speed: 430r/min, temperature 20 °C, Test liquid: water, continuous operation test. The slower the rotational speed of the peristaltic pump, the longer the service life of the pump tube. The service life of the pump tube may vary depending on the operating conditions, pipeline pressure, and liquid corrosiveness.

● Flow parameter

Tube Species		S64/N64
ID×OD		6.4X9.6
Tube Materials		Silicon tube/Norprene
Flow rate ml/min	12V DC Motor0.8A	1000
	24V DC Motor0.5A	1000
deal working conditions: ambient temperature 0-50 degrees, relative temperature less than 80%		

Flow testing method:

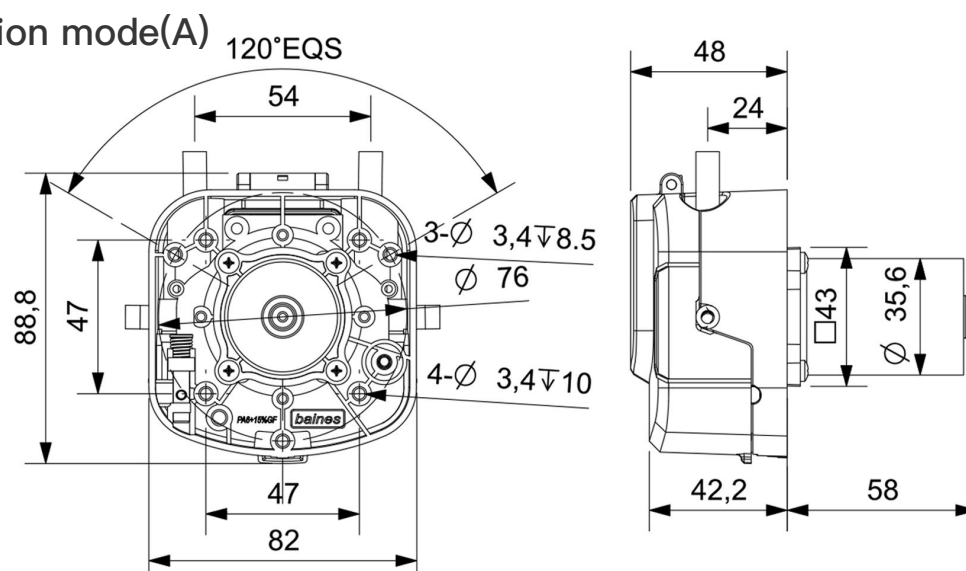
Water test at room temperature (20 °C) and atmospheric pressure.

The above data is for reference only, and there may be deviations in flow rate depending on different liquids, pressures, and pipeline lengths.

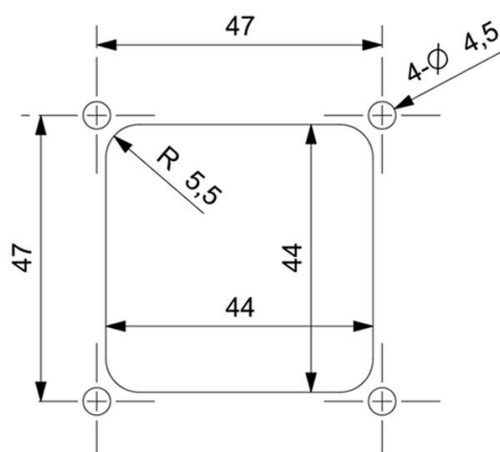
The material, flow rate, and control method of the pump tube can be customized according to the needs.

● Installation method

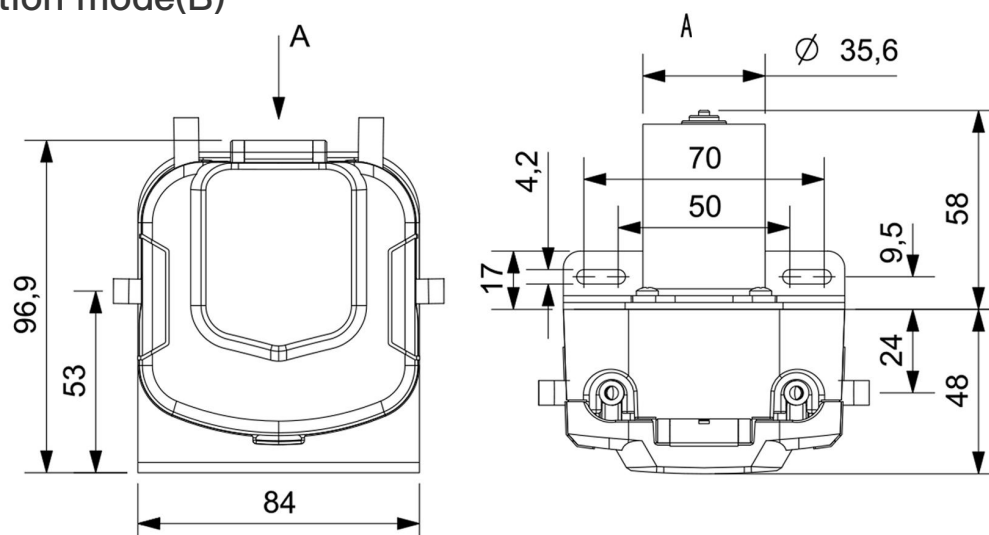
Installation mode(A)



Opening size(A)

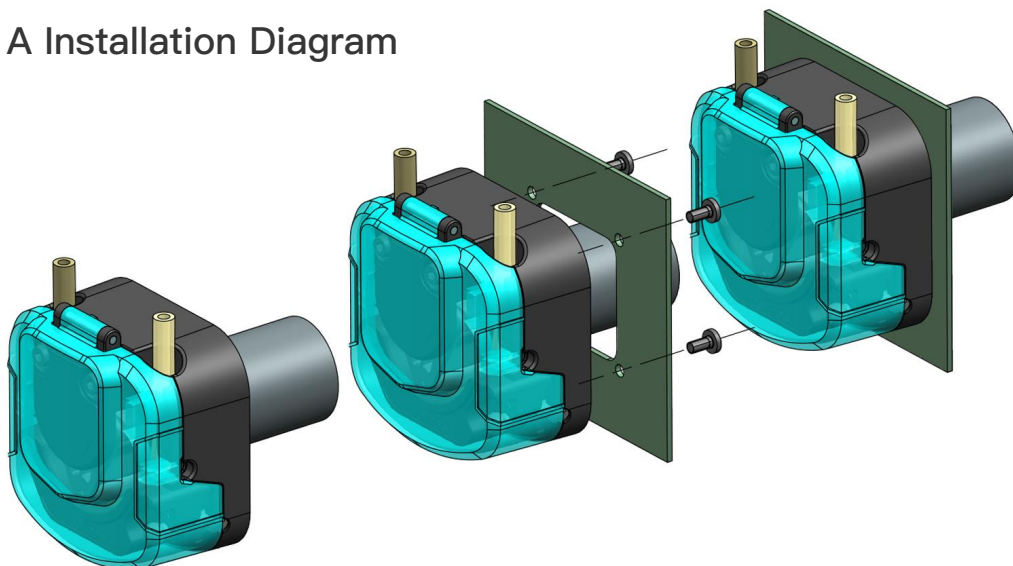


Installation mode(B)

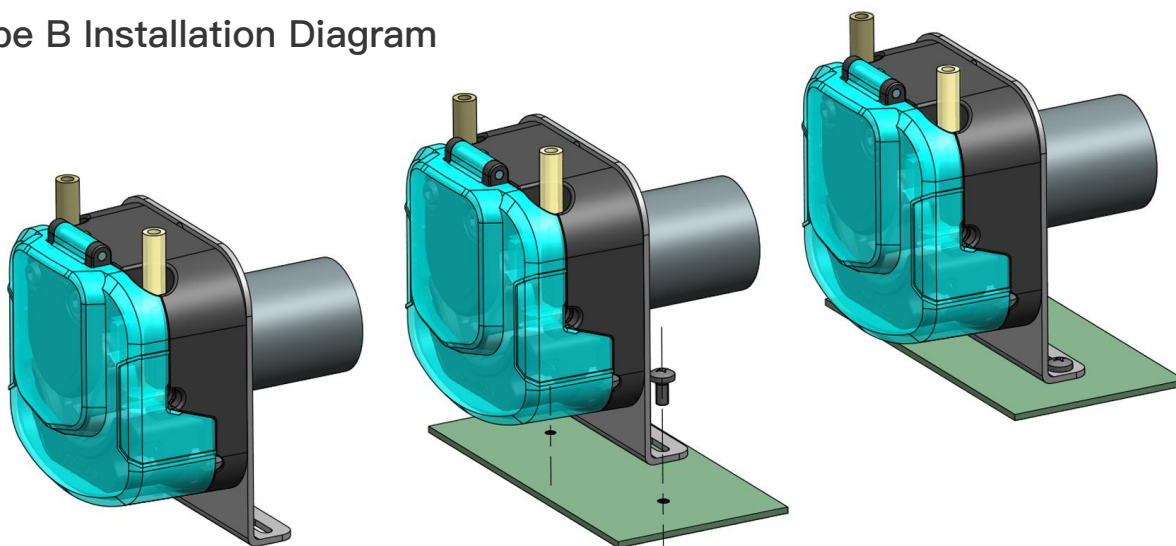


● Installation method

Type A Installation Diagram



Type B Installation Diagram



Vertical installation mode (type b)
Schematic diagram of pump pipe switchable orientation

