

BP200 Stepper motor peristaltic pump

Product manual

Rev-A/0

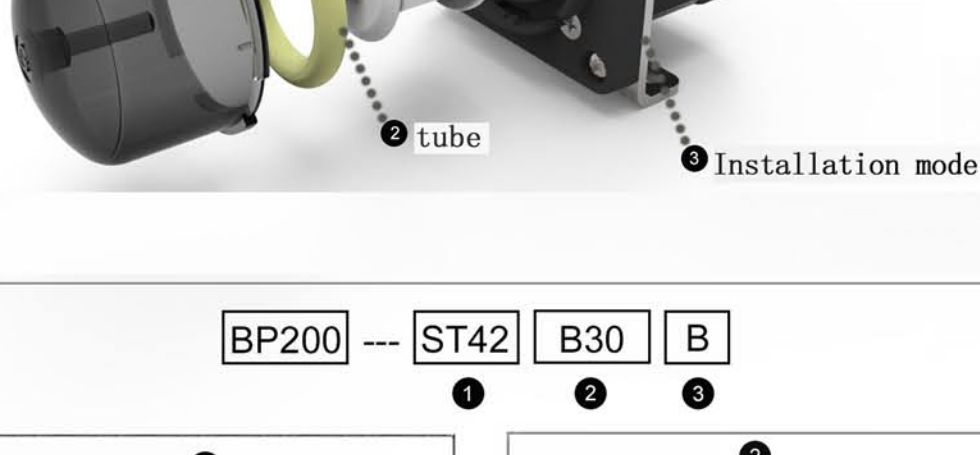
- 1 -

BP200 Stepper motor Selection Guide

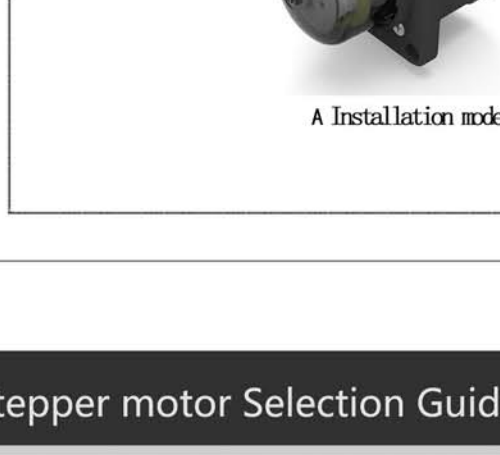
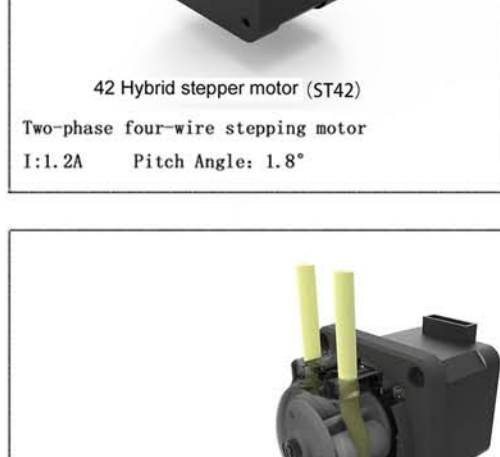
Summary of main components

Characteristics

- ◆ Fit viscosity, Non-viscosity Liquid transport
- ◆ Small volume, Compact construction
- ◆ The surface of the instrument can be placed to pass the ground inspicit
- ◆ Stepper motor drive, High reliability, Low Noise
- ◆ Simple structure, Quick replacement of pump tube



BP200 --- ST42 B30 B



- 2 -

BP200 Stepper motor Selection Guide

Pump performance & Flow parameter

■ Type of tube

Code/Material	Features	Pump pipe service life
B Import PharMed®BPT	No cytotoxicity and hemolytic, resistance to ozone and UV rays, heat,ozone, acid and alkali resistance, anti - aging anti - oxidation, long life.Operating temperature range -51 °C ~132 °C	≥1000h
S Silicon tube	Low cost, weak acid and alkali resistance, corrosion resistance to chemicals compared to the BPT pump pipe	≥200h

※ The test method for the life data of all types of pump pipes is that the speed of theBP200 3 rotor pump head is 400 prm under the condition of 20°C room temperature, pure water, and no pressure, until the pump pipe cracks.The pump head's speed is different, the pump tube life will be different. The slower the speed of the pump head, the longer the pump tube life. The actual life of the pump tube is affected by factors such as medium, working conditions, voltage,etc.. The test data is for reference only.reference only.

■ Flowlate

Code	S30	S46	B30	B46
IDXOD	3X5	4X6	3X5	4X6
Tube Material	S	S	BPT	BPT
Floefate ml/min	42 Stepper Motor 1.2A 400R 140	220	140	220

Ideal working conditions: Ambient temperature 0~40°C Relative humidity < 80%

Note:

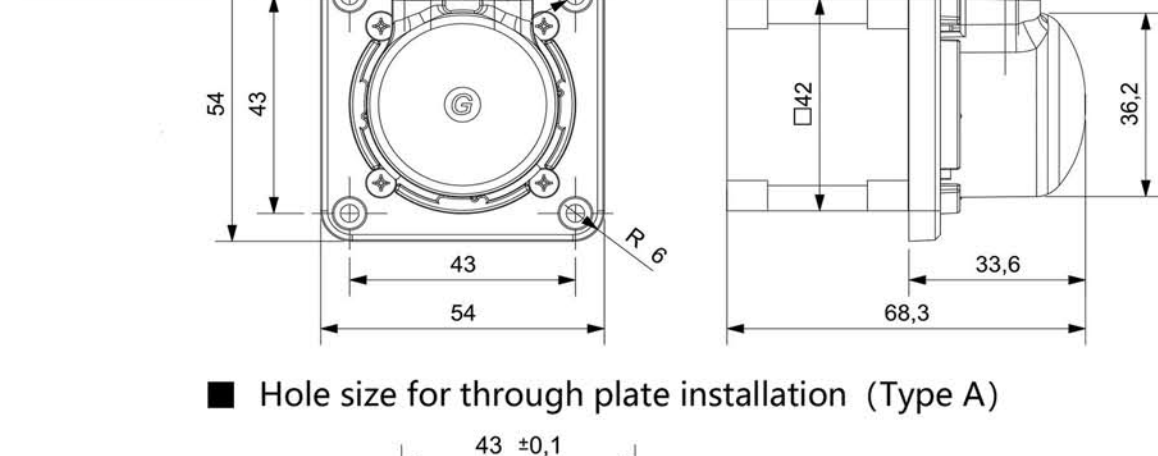
- 1.Test method: normal temperature (room temperature 20°C), normal pressure water test.
- 2.The above data is for reference only, according to different liquid, pressure, pipeline length of different flow will be biased.
- 3.Material, flow rate and control mode of pump pipe can be customized according to demand.

- 3 -

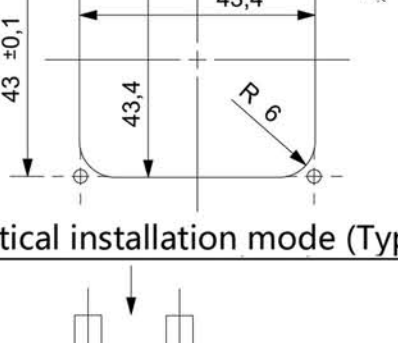
BP200 Stepper motor Selection Guide

A/B Installation mode

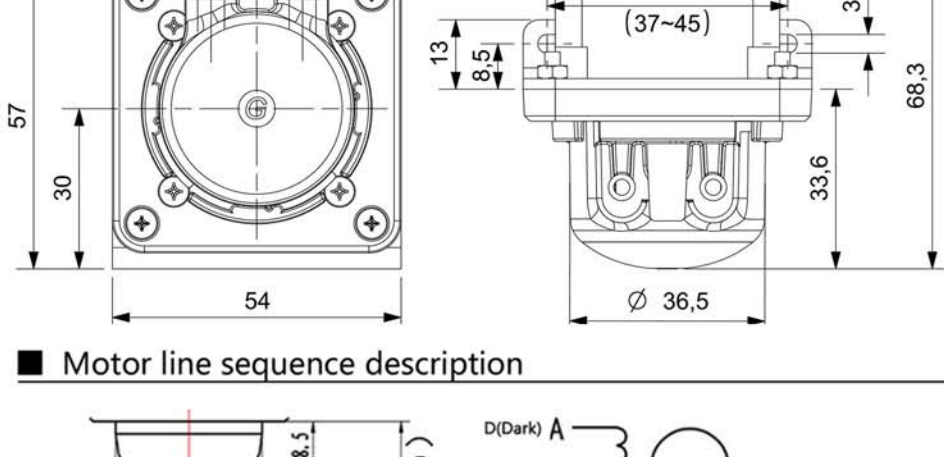
■ Installation method of through plate (Type A)



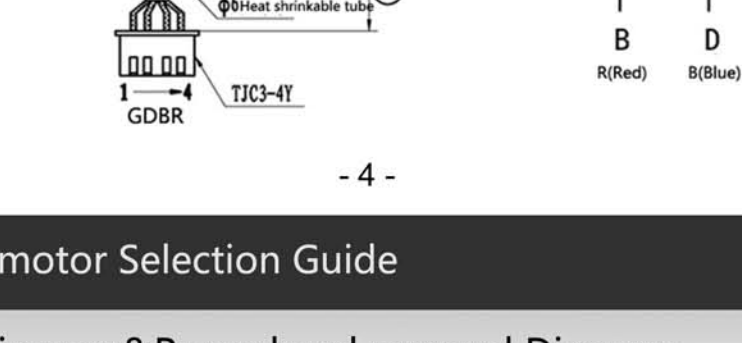
■ Hole size for through plate installation (Type A)



■ Vertical installation mode (Type B)



■ Motor line sequence description

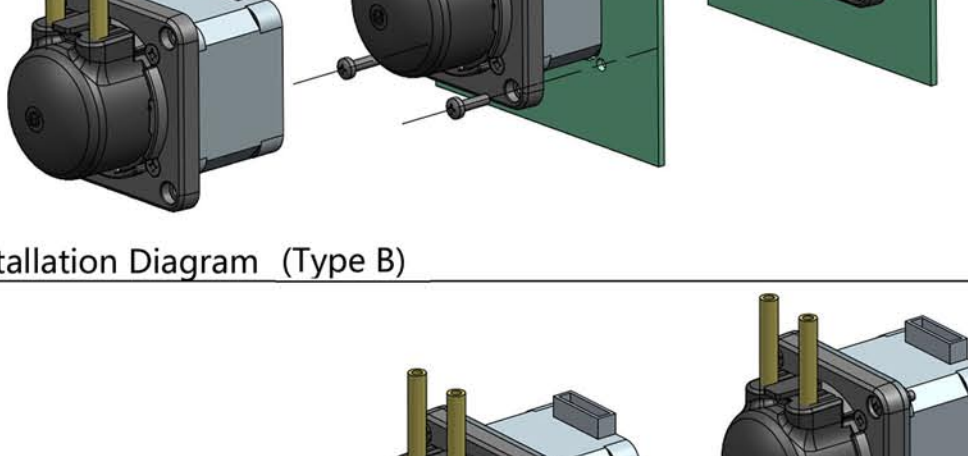


- 4 -

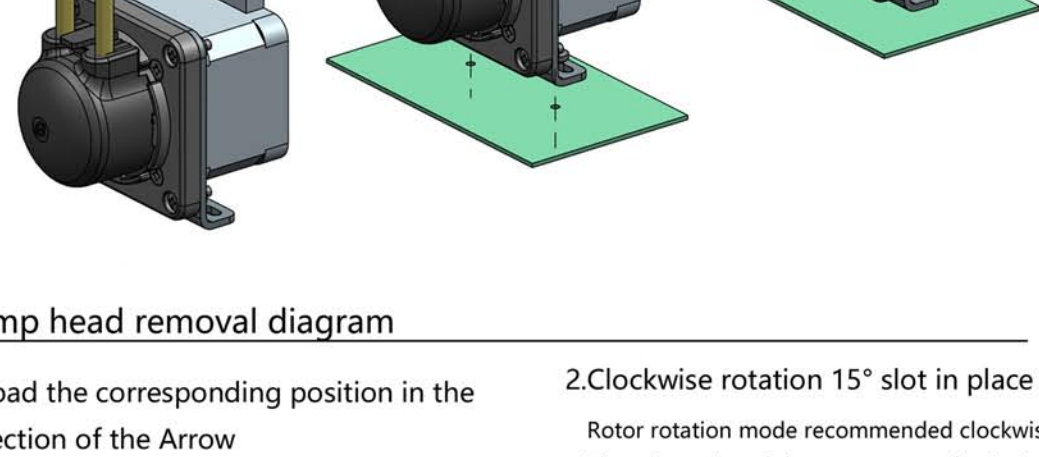
BP200 Stepper motor Selection Guide

Installation Diagram&Pump head removal Diagram

■ Installation Diagram (Type A)



■ Installation Diagram (Type B)



■ Pump head removal diagram

- 1.Load the corresponding position in the direction of the Arrow

- 2.Clockwise rotation 15° slot in place

Rotor rotation mode recommended clockwise, The orientation of the entrances and exits is shown below



- 5 -