

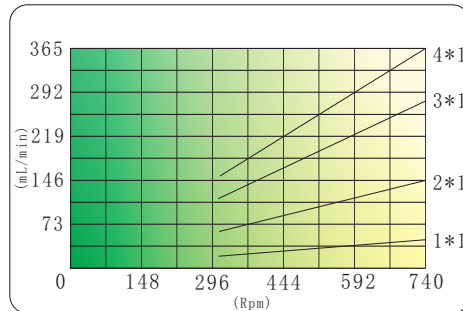
Application

- Dose nutrient solution
- Aquarium
- Ink jet printer
- Household appliances

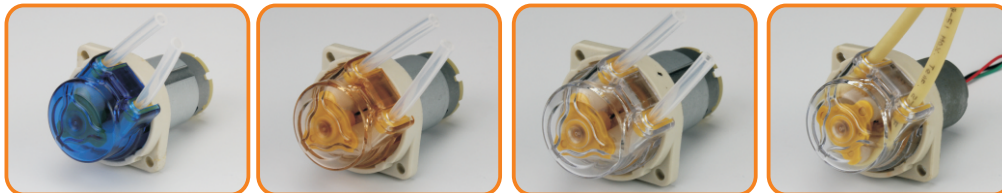
1. Feature

- 1) Mini peristaltic pump, compact size.
- 2) Pump cover of optional clear, blue or yellow color.
- 3) Pump head can be rotated 90° or 180°.
- 4) 3 rollers low pulse design, suitable for micro dosing.
- 5) DC motor driver.
- 6) Exchange tubing free of tools.
- 7) Mounting holes on the base, to be fixed on equipment simply.

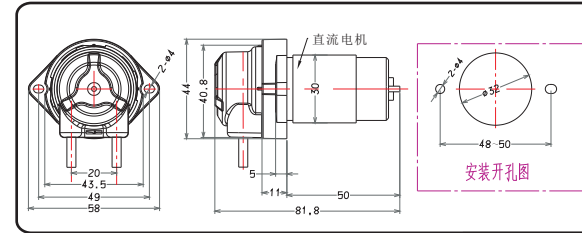
2. Flow rate



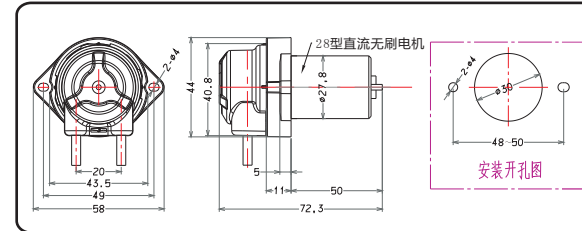
Model No.	Tube	Tube clamp	Pump body	Pump cover	Max flow	Power	Weight
293KC/ZL	1*1, 2*1	Fixed	PA66	PC	270mL/min	24W	145g
293KC/WTT	3*1, 4*1				365mL/min		115g



3. Install and use

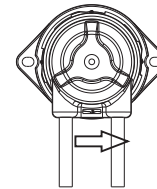


293KC/ZL: brush DC motor driver, 12V or 24V DC power supply. To reverse by change plus-minus to be adjusted speed through external speed controller.

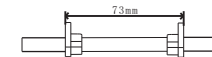


293KC/WTT: 28 type brushless DC motor driver, to be adjusted speed by PWM. 24V DC power supply. Functions of start/stop, forward/reverse pumping.

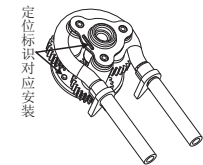
4. Assemble tube



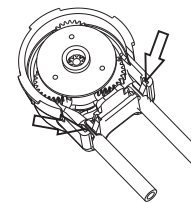
1) Rotate counterclockwise to open pump cover, and remove tube.



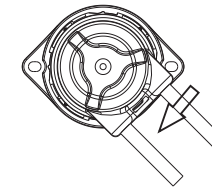
2) Cut a length of 200mm tube and place the tube in the clamps. The two clamps are not twisted in parallel. Requirement: The length of the tube between the two clamps is 73mm.



3) As shown in the figure: the upper and lower flange positioning marks should be at the same direction when installed, and then assemble the tube around the roller in place. Note: No grease on the tube and roller surfaces.



4) Assemble the rotor assembly with the tube into the pump cover as shown. Note: the upper surface of the tube clamp do not exceed the upper face of the pump cover.



5) Rotate the pump cover clockwise and hear a "click" that fits into place.

6) Operate the pump and check the tube position. If the tube is in contact with the gear surface, it needs to be reinstalled.

