

# Ring Pump®

## RP-W II (stepper motor) Series



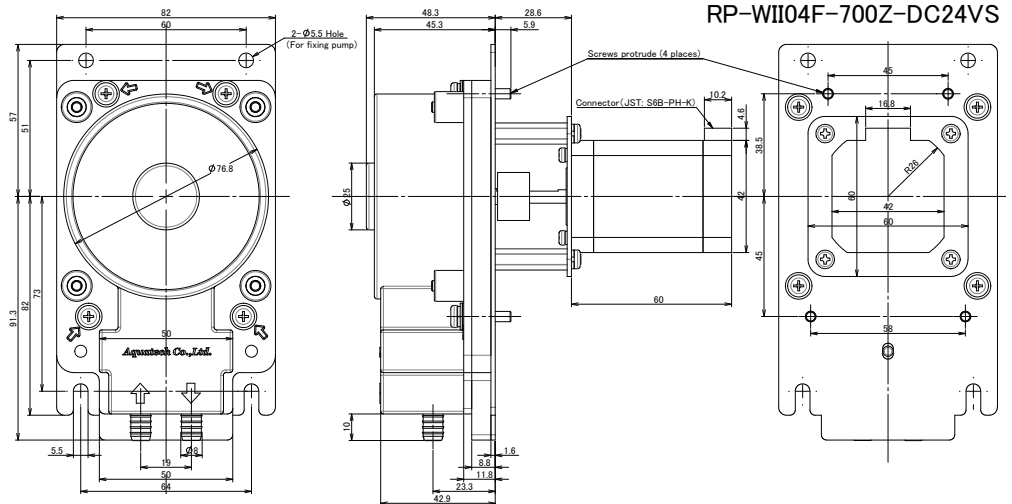
### Features

- It is a stepper motor-driven dual type pump with two tubings and two rotors inside.
- It is the toughest pump among the lineup of our Ring Pump.
- Flow rate can be adjusted in a wide range from 0.8 to 700 mL/min.
- The use of a thick tubing of 2 mm enhances the resilience and improves suction performance.
- The dual-type design helps reduce discharge flow pulsation compared to single-head pumps.
- A dedicated driver board for stepper motor control is available as stated below.

### Main specifications

Flow rate (mL/min)	0.8 (at 0.3rpm) to 700 (at 250rpm)
Tubing	PharMed BPT
Motor / Power source	Stepper motor DC 24V
Weight (for reference)	Approx. 1,100 g

### Outline View



### Model Lineup

Pump Models	Flow rate (mL)	Tubing		Accessory wire
		Type	ID x OD (mm)	
RP-W II 04F-700Z-DC24VS	0.8 (at 0.3rpm) to 700 (at 250rpm)	PharMed BPT	4.0 x 8.0	Without JST Connector for Driver Board Compatibility
RP-W II 04F-700A-DC24VS	0.8 (at 0.3rpm) to 700 (at 250rpm)	PharMed BPT	4.0 x 8.0	With JST Connector for Driver Board Compatibility

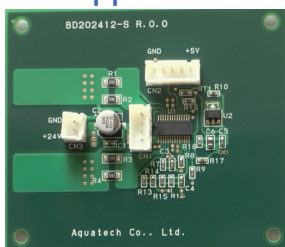
### Stepper Motor Driver Board

This series of Ring Pump is driven by a stepper motor and to operate the stepper motor, a dedicated driver board is required.

We have following driver board as a separately sold option. Please contact us when you need it.

- ★ To use the driver board, you will need a pump equipped with wiring that includes a JST connector compatible with the driver board (e.g., RP-W II 04\*-700A-DC24VS).

### Stepper Motor Driver Board BD202412-S



BD202412-S is driver board used to connect the motor and power supply, and to control the motor via external control signals.

Please prepare your own control device to send the control signals.

A DC 24V, 2A power supply is required.

Please use a DC power source, such as a DC power supply unit or AC adapter.