

RP-2S (stepper motor) Series



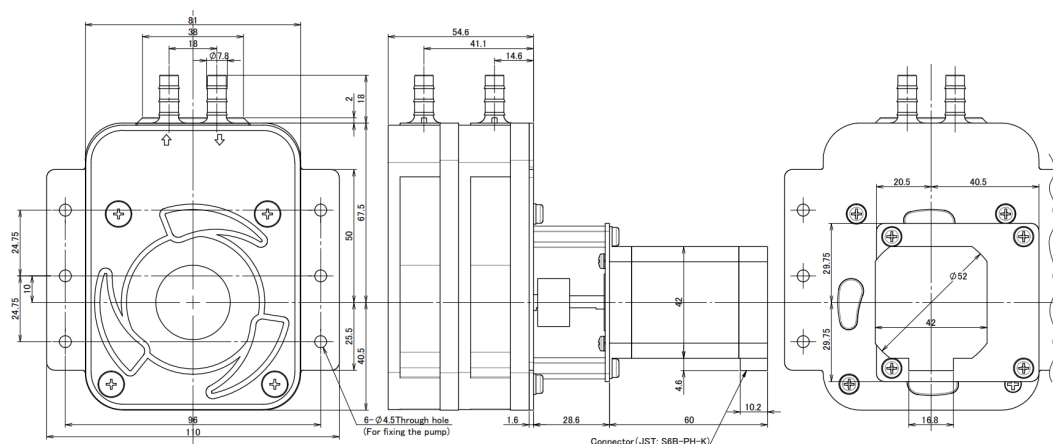
Features

- It is a dual-head, long-life, high-capacity pump driven by a stepper motor.
- With stepper motor drive, flow rate can be adjusted in a wide range from 2 to 1,300 mL/min.
- By combining the two inlets into a single inlet and the two outlets into a single outlet, the dual-head design helps reduce the discharge flow pulsation compared to RP-S model.
- Each of the two pump heads can pump different fluids, allowing simultaneous transfer of two different fluids.
- A dedicated driver board for stepper motor control is available as stated below.

Main specifications

Flow rate (mL/min)	2 (at 0.3rpm) to 1,300 (at 250rpm)
Tubing	Tygon A-60-F / Versilon F-5500-A / PharMed BPT / Transmaster TM-15
Motor / Power source	Stepper motor DC 24V
Weight (for reference)	Approx. 1,170 g

Outline View



Model Lineup

Pump Models	Flow rate (mL)	Tubing		Accessory wire
		Type	ID x OD (mm)	
RP-2S06N-1300Z-DC24VS	2 (at 0.3rpm) to 1,300 (at 250rpm)	Tygon A-60-F	6.35 x 9.52	Without JST Connector for Driver Board Compatibility
RP-2S06R-1300Z-DC24VS		Versilon F-5500-A		
RP-2S06F-1300Z-DC24VS		PharMed BPT		
RP-2S06W-1300Z-DC24VS		Transmaster TM-15		
RP-2S06N-1300A-DC24VS	2 (at 0.3rpm) to 1,300 (at 250rpm)	Tygon A-60-F	6.35 x 9.52	With JST Connector for Driver Board Compatibility
RP-2S06R-1300A-DC24VS		Versilon F-5500-A		
RP-2S06F-1300A-DC24VS		PharMed BPT		
RP-2S06W-1300A-DC24VS		Transmaster TM-15		

Names of some of Saint-Gobain's tubings are changed a few years ago.
 * Tygon A-60-F ← Norprene A-60-F (Former name) Versilon F-5500-A ← Fluran F-5500-A (Former name)

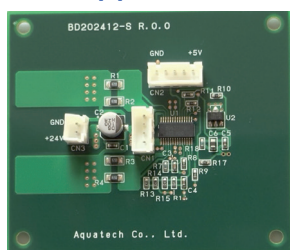
Stepper Motor Driver Board

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-2S06*-1300A-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.