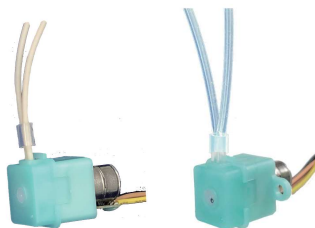


New !!
Stepper motor drive

Ring Pump®

Stepper motor type of RP-Q II /RP-Q III series



RP-Q II B/C series RP-Q III B/C series



When the pump head is detached.

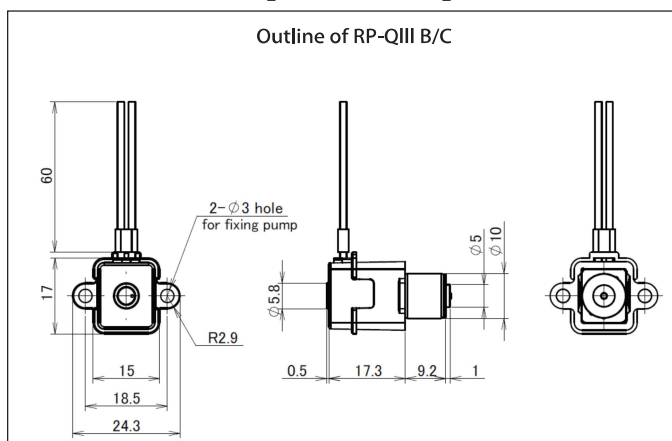
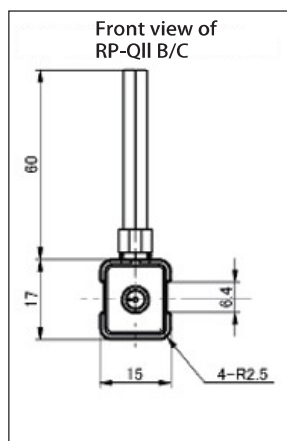
Features

- We are introducing stepper motor type of RP-Q II and RP-Q III which are pump head replaceable, according to the strong requests from many of our customers.
- All the specifications and functions are same between RP-QII series and RP-QIII series. The only difference is that RP-QIII series has mounting holes which is useful for some customers.
- Pump head can be sterilized.
* By autoclave : 121°C 25 minutes (Available only for silicone tubing) *By Gamma rays : 15 kGy etc.

Recommended application

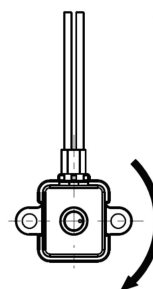
Analytical instruments, medical devices, fuel cell and many other usage.
Recently, such applications as cell culturing are growing where micro-fluidic control is indispensable.
By using with our separately sold programmable motor controllers such as RE-C500/C501, and RE-C600, you can realize wide range of flow control.

【Outline view】



【Flow direction】

OUT ↑ IN ↓



When the motor rotation direction is as follows at the setting value of our motor controller, the rotor shaft rotates in this direction and the flow direction is shown in the figure.

- RP-Q II B/Q III B → C CW
- RP-Q II C/Q III C → CW

Rotation direction CW

Model Lineup

Model Lineup	Gear ratio	Voltage (DC/V)	* Flow rate (μ L/min)	Tubing	
				Type	ID/OD (mm)
RP-Q II C1.5S-1P1A-DC3VS	1/50	2.6~3.3	1.2 ~ 1100	Silicone (S)	1.5 x 2.5
RP-Q III C1.5S-1P1A-DC3VS	1/50	2.6~3.3	1.2 ~ 1100	Silicone (S)	1.5 x 2.5
RP-Q II BP5S-P06A-DC3VS	1/150	2.6~3.3	0.06~60	Silicone (S)	0.5 x1.5
RP-Q II BP5F-P06A-DC3VS	1/150	2.6~3.3	0.06~60	PharMed (F)	0.5 x1.5
RP-Q III BP5S-P06A-DC3VS	1/150	2.6~3.3	0.06~60	Silicone (S)	0.5 x1.5
RP-Q III BP5F-P06A-DC3VS	1/150	2.6~3.3	0.06~60	PharMed (F)	0.5 x1.5
Motor controller	* By RE-C500, RE-C600 at: 1~1000 PPS Drive				

PC controllable new motor controller

Examples of application set

