

New !! Prototype
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

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 *By Gamma rays : 25 kGy etc.

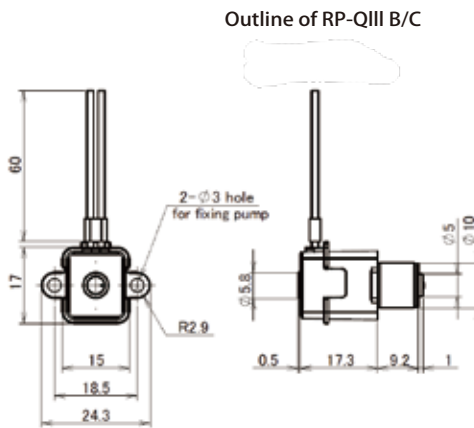
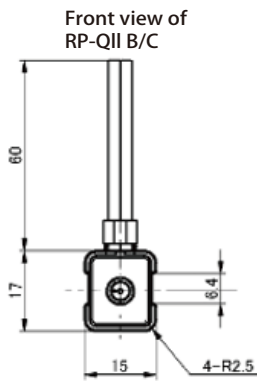
Recommended application

Analytical instruments, medical devices, fuel cell and many other usage.
 Recently, such applications as cell culturing are growing where micro-fluidic control is indispensable.

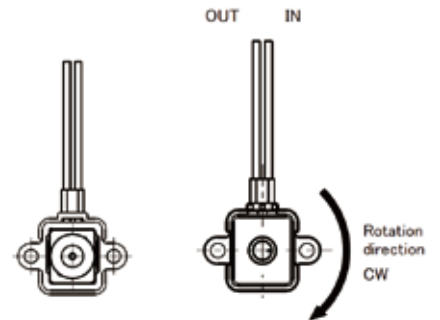


When the pump head is detached.

[Outline view]



[Flow direction]



Model Lineup

Model Lineup	Gear ratio	Voltage (DC/V)	Flow rate (μL/min)	Tubing	
				Type	ID/OD (mm)
RP-Q II C1.5S-1P1A-DC3VS	1/50	2.6 - 3.3	3 - 1100	Silicone (S)	1.5 x 2.5
RP-Q III C1.5S-1P1A-DC3VS	1/50	2.6 - 3.3	3 - 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 x 1.5
RP-Q II BP5F-P06A-DC3VS	1/150	2.6 - 3.3	0.06 - 60	PharMed (F)	0.5 x 1.5
RP-Q III BP5S-P06A-DC3VS	1/150	2.6 - 3.3	0.06 - 60	Silicone (S)	0.5 x 1.5
RP-Q III BP5F-P06A-DC3VS	1/150	2.6 - 3.3	0.06 - 60	PharMed (F)	0.5 x 1.5
Motor controller	RE-C200/C201 at: 1~1000 PPS Drive				

New motor controller (PC controllable)

RE-C200

RE-C201

Example of application set

Screen display of PC