

# Ring Pump®

**Pumphead is detachable !**

## RP-Q II Series

## RP-Q III Series



← Pumphead is detached.

### Features

- We have newly developed new series of RP-Q series, which has replaceable pump head that has been requested by many customers.
- RP-QIII series has mounting holes.
- Newly added RP-Q II A and RP-QIIIA achieved the highest flow rate as 3mL/min.

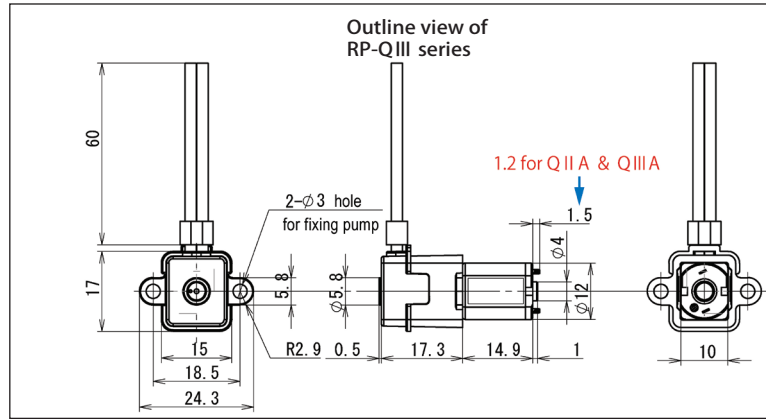
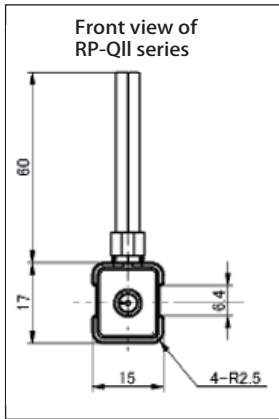
### Examples of application

Analytical instruments, medical devices, fuel cell and many other usage where micro-fluidic control is needed.

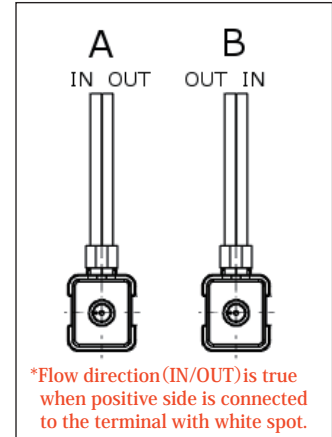
### Main specifications

Flow rate (mL/min)	Q II : 0.45 0.9 Q II X : 1.2 2.2 Q II A : 3.0 (Same for Q III series)
Tubing	Silicone / SWFT
Motor/Power source	DC geared motor DC 3V
Weight (for reference)	Approx. 13g

### [Outline view]



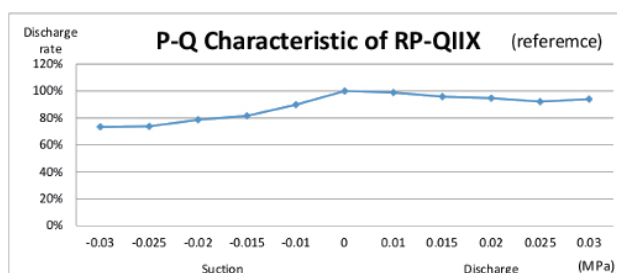
### [Flow direction]



### Model Lineup

Model Lineup	Voltage (DC/V)	Flow rate (mL/min)	Tubing		Flow Direction
			Type	ID x OD (mm)	
RP-Q II 1.5S-P90Z-DC3V	3	0.90	Silicone	1.5 x 2.5	A
RP-Q II 1.2C-P45Z-DC3V	3	0.45	SWFT	1.2 x 2.5	
RP-Q II X1.5S-2P2Z-DC3V	3	2.20	Silicone	1.5 x 2.5	B
RP-Q II X1.2C-1P2Z-DC3V	3	1.20	SWFT	1.2 x 2.5	
RP-Q III 1.5S-P90Z-DC3V	3	0.90	Silicone	1.5 x 2.5	A
RP-Q III 1.2C-P45Z-DC3V	3	0.45	SWFT	1.2 x 2.5	
RP-Q III X1.5S-2P2Z-DC3V	3	2.20	Silicone	1.5 x 2.5	B
RP-Q III X1.2C-1P2Z-DC3V	3	1.20	SWFT	1.2 x 2.5	
RP-Q II A 1.5S-3Z-DC3V	3	3.00	Silicone	1.5 x 2.5	B
RP-Q III A 1.5S-3Z-DC3V	3	3.00	Silicone	1.5 x 2.5	

\* SWFT is product of Saint-Gobain SA



	Suction					Discharge					
Mpa	-0.03	-0.025	-0.02	-0.015	-0.01	0	0.01	0.015	0.02	0.025	0.03
Discharge rate	73%	74%	79%	82%	90%	100%	99%	96%	95%	92%	94%

※ Variable by material or ID of tubing.