

Ring Pump®

RP-Q & QX Series



Features

- Very small and light weight peristaltic pump became available by our original and unique Ring Pump technology. Its applications are increasing rapidly even in the space developments such as in NASA, JAXA etc.

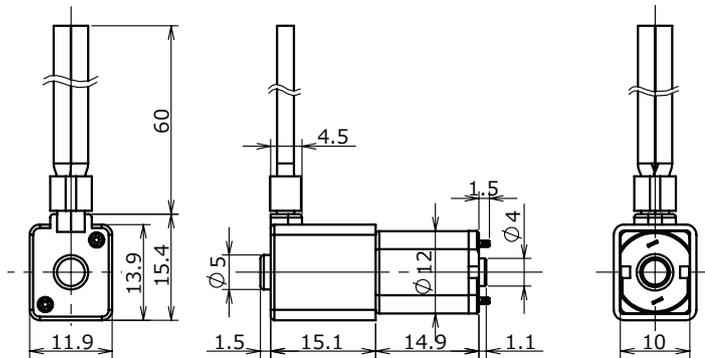
Examples of application

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

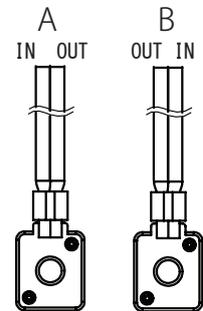
Main specifications

Flow rate (mL/min)	Q: 0.20 0.45 QX: 0.5 1.1
Tubing	Silicone / Tygon A-60-F / SWFT
Motor/Power source	DC geared motor DC 3V
Weight (for reference)	Approx. 11g

[Outline view]



[Flow direction]

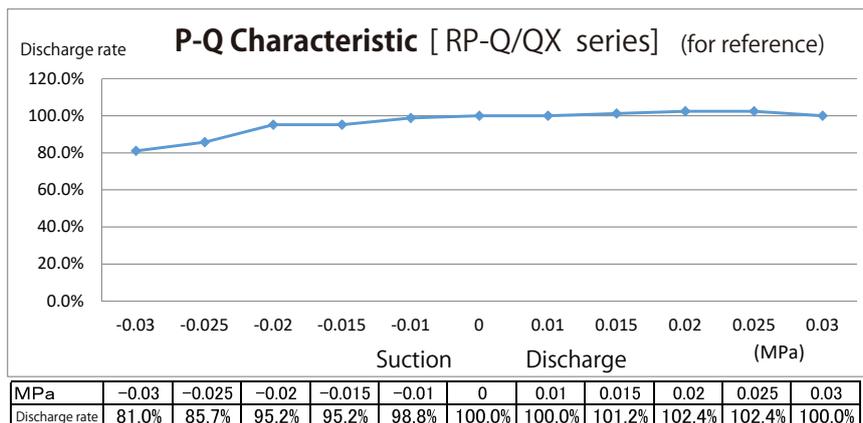


*Flow direction (IN/OUT) is true when positive side is connected to the terminal with white spot.

Model Lineup

Model Lineup	Voltage (DC/V)	Flow rate (mL/min)	Tubing		Flow Direction
			Type	ID x OD (mm)	
RP-Q1.5S-P45Z-DC3V	3	0.45	Silicone	1.5 x 2.5	A
RP-Q1.2N-P20Z-DC3V	3	0.20	Tygon A-60-F	1.2 x 2.5	
RP-Q1.2C-P20Z-DC3V	3	0.20	SWFT	1.2 x 2.5	
RP-QX1.5S-1Z-DC3V	3	1.10	Silicone	1.5 x 2.5	B
RP-QX1.2N-P50Z-DC3V	3	0.50	Tygon A-60-F	1.2 x 2.5	
RP-QX1.2C-P50Z-DC3V	3	0.50	SWFT	1.2 x 2.5	

* Tygon A-60-F and SWFT are products of Saint-Gobain SA. Tygon-A-60-F was formerly described as Norprene in our brochure.



※ Variable by material or ID of tubing.