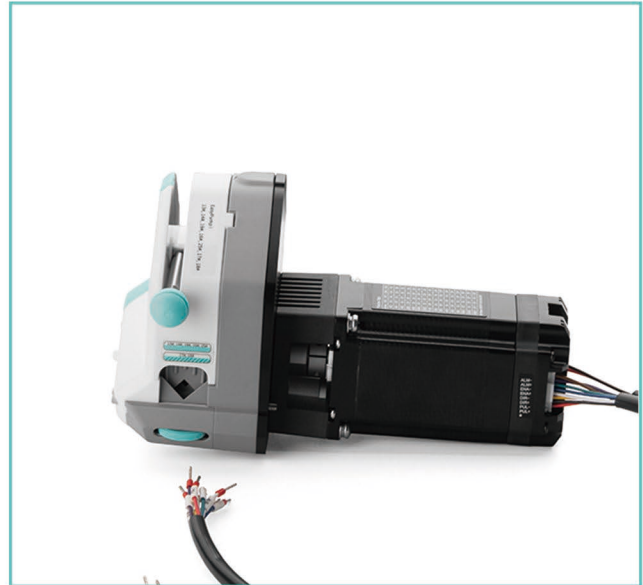


Model No.: OEM-EYB209-211



Flow Data

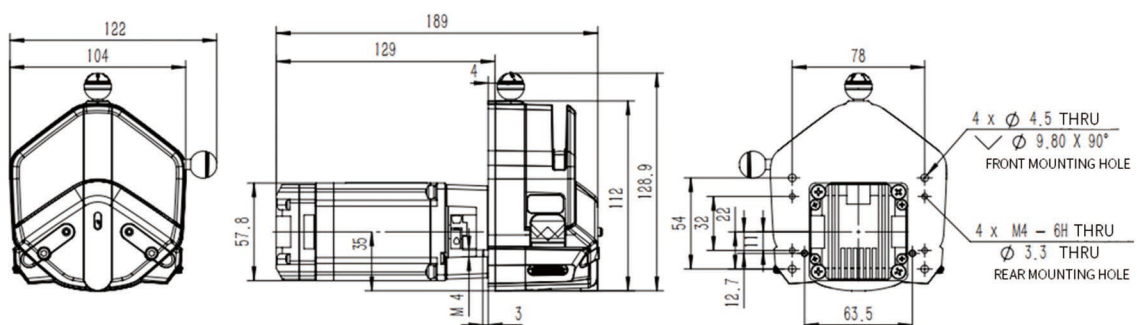
Pump Head	Single/Dual Channel	Tubing Wall Thickness(mm)	Pressure Adjustable
EasyPump I	Single Channel	1.6	NO
EasyPump II	Single Channel	2.4	NO
EasyPump III	Single Channel	1.6	Adjustable
EasyPump IV	Single Channel	2.4	Adjustable
EasyPump V	Dual Channel	1.6	NO
EasyPump VI	Dual Channel	1.6	Adjustable

Pump Head	Tubing	IDxWall thickness(mm)	mL/r	Flow Rate(mL/min) (0.1-600rpm)	Tubing Max.Pressure(Mpa)		Weight(kg)
					Intermittent	Continuous	
Single Channel EasyPump I/III	13#	0.8x1.6	0.053	0.0053-32	0.27	0.17	0.6
	14#	1.6x1.6	0.27	0.027-162			
	19#	2.4x1.6	0.55	0.055-330			
	16#	3.2x1.6	0.933	0.0933-560			
	25#	4.8x1.6	1.967	0.1967-1180	0.24	0.14	
	17#	6.4x1.6	3.333	0.3333-2000	0.14	0.10	
	18#	7.9x1.6	4.3	0.43-2580	0.10	0.07	
Single Channel EasyPump II/IV	15#	4.8x2.4	1.8	0.18-1080	0.27	0.17	
	24#	6.4x2.4	2.733	0.2733-1640			
	35#	7.9x2.4	3.833	0.3833-2300	0.24	0.14	
	36#	9.6x2.4	5.167	0.5167-3100			
Dual Channel EasyPump V/VI	13#	0.8x1.6	0.053	0.0053-32	0.27	0.17	
	14#	1.6x1.6	0.27	0.027-162			
	19#	2.4x1.6	0.55	0.055-330			
	16#	3.2x1.6	0.933	0.0933-560			
	25#	4.8x1.6	1.967	0.1967-1180	0.24	0.14	

Motor Specification

Speed range	0.1-600rpm
Flow rate	0.0053-3100mL/min
Control method	Start/stop and direction reversal controlled by passive signal or active signal (3.3V-5V)
Control method signal logic	Optocoupler conduction operation/cut-off operation (can be modified by host computer software)
Operation mode	Fixed Speed / External Analog Input Mode (selectable via DIP switches)
Motor type	Integrated closed-loop stepper motor
Output signal	Open collector output
Speed control	OEM-EYB209 External analog speed control via 4-20 mA signal
	OEM-EYB210 External analog speed control via 0-5V signal
	OEM-EYB211 External analog speed control via 0-10V signal
Power supply	DC24V-DC36V (Recommend DC36V), $\geq 100W$
Working ambient	0-40°C, <80%RH

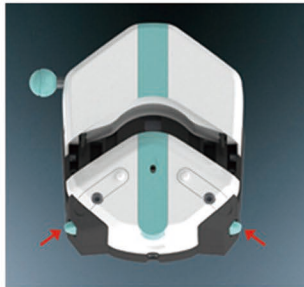
Dimension Drawing (Unit:mm)



Tubing Installation Procedure



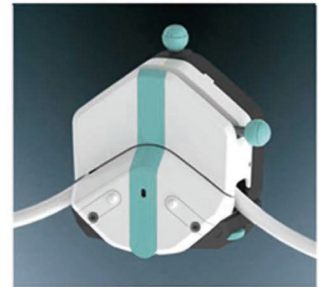
1. Turn the knob anti-clockwise 180°, open the upper block.



2. Rubbing wheel adjustment.



3. Put the tube between rollers and upper block, tighten up the tubing lightly.



4. Turn the knob clockwise 180°, put the upper block back to original position, fasten the tube.