



Model No. : OEM-EYB304/EasyPump



Flow Data

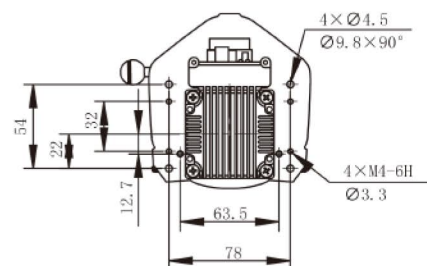
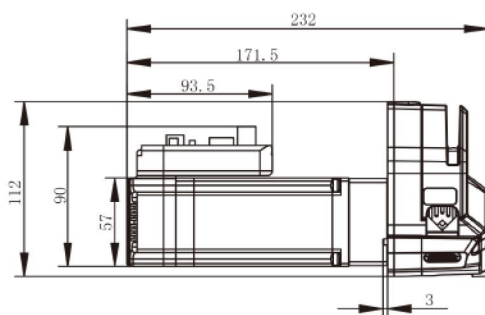
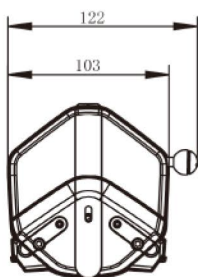
Pump Head	Tubing	ID×Wall thickness(mm)	mL / r	Flow Rate(mL/min) (0.01-10rps)	Tubing Max.Pressure(Mpa)		Weight(kg)
					Intermittent	Continuous	
Single Channel EasyPump I/III	13#	0.8×1.6	0.053	0.053~32	0.27	0.17	0.6
	14#	1.6×1.6	0.27	0.27~162			
	19#	2.4×1.6	0.55	0.55~330			
	16#	3.1×1.6	0.933	0.93~560			
	25#	4.8×1.6	1.967	1.967~1180	0.24	0.14	
	17#	6.4×1.6	3.333	3.333~2000	0.14	0.10	
	18#	7.9×1.6	4.3	4.3~2580	0.10	0.07	
Single Channel EasyPumpII/ IV	15#	4.8×2.4	1.8	1.8~1080	0.27	0.17	
	24#	6.4×2.4	2.733	2.733~1640			
	35#	7.9×2.4	3.833	3.833~2300	0.24	0.14	
	36#	9.6×2.4	5.167	5.167~3100			
Dual Channel EasyPump V/VI	13#	0.8×1.6	0.053	0.053~32	0.27	0.17	
	14#	1.6×1.6	0.27	0.27~162			
	19#	2.4×1.6	0.55	0.55~330			
	16#	3.1×1.6	0.933	0.933~560			
	25#	4.8×1.6	1.967	1.967~1180	0.24	0.14	



Motor Specification

Speed range	0.1-10rps
Flow rate range	0.053-3100mL/min
Working power supply	DC20~DC50V
Continuous current input	4.0A
Communication types	Modbus-RTU
Maximum distance of communication	RS-485: 1.2KM
Maximum number of slaves	128
Maximum communication rate	RS-485: 115200bps
Logic input current	7~20mA (Typical value is 10mA)
Protection	The peak of over current action value is $12A \pm 10\%$
	Over voltage action value is 200VDC
	The over tolerance alarm threshold can be adjusted by drive front panel or handing intelligent regulator
Environment temperature	0-40°C
Environment humidity	$\leq 80\%RH$ no condensation
Working condition	Keep away from heating equipment, avoid dust, oil mist, corrosive gas and strong vibration
Cool way	Natural cooling or forced air cooling

Dimension Drawing (Unit:mm)





Tubing Installation Procedure



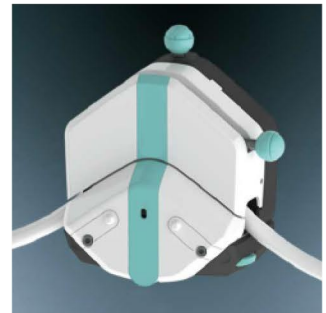
1. Turn the knob anticlockwise 180°, open the upper block.



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



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



4. Turn the rubbing wheel to adjust the lower tube clamp position, according to the tubing size.