

Quick Load Pump Head

Model No.: OEM-EYXZ001

Flow Rate :: 0.0053mL/min-3100mL/min



Product Features

EasyPump series have the unique tube clamp linkage mechanism, with the opening process of the upper block, the tube clamp naturally lifts, and the user can easily put in the tube. With the closing process of the upper block, the tube clamp automatically resets and fixes the tube. At the same time, the "Trigger lever assist mechanism" assists the user in pressing the upper pressure block.

This pump adopted DC brushless motor drive.

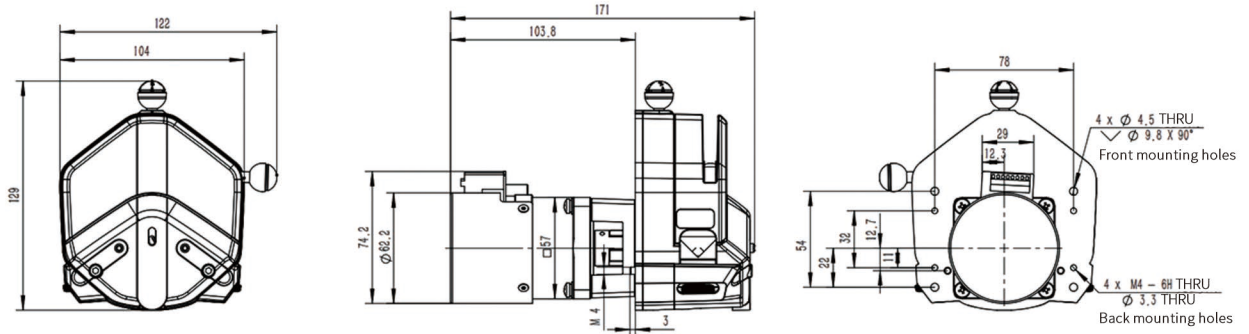
Motor Specification

Power supply	DC24V/6.5A
Speed control voltage	0-5V
Motor speed	0~600rpm \pm 5%
Speed signal output	Pulse frequency output
Ambient temperature	0-40°C
Ambient humidity	\leq 80% RH, no condensation
Working environment	Keep away from heating equipment, avoid dust, oil mist, corrosive gas and strong vibration.

Flow Rate

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 II/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	0.24	0.14	
	25#	4.8x1.6	1.967	0.1967-1180	0.14	0.10	
	17#	6.4x1.6	3.333	0.3333-2000	0.10	0.07	
Single Channel EasyPump II/IV	18#	7.9x1.6	4.3	0.43-2580	0.27	0.17	
	15#	4.8x2.4	1.8	0.18-1080			
	24#	6.4x2.4	2.733	0.2733-1640	0.24	0.14	
	35#	7.9x2.4	3.833	0.3833-2300			
Dual Channel EasyPump V/VI	36#	9.6x2.4	5.167	0.5167-3100	0.27	0.17	
	13#	0.8x1.6	0.053	0.0053-32			
	14#	1.6x1.6	0.27	0.027-162			
	19#	2.4x1.6	0.55	0.055-330	0.24	0.14	
	16#	3.2x1.6	0.933	0.0933-560			
25#	4.8x1.6	1.967	0.1967-1180				

Dimension Drawing (Unit:mm)



Tubing Installation



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.