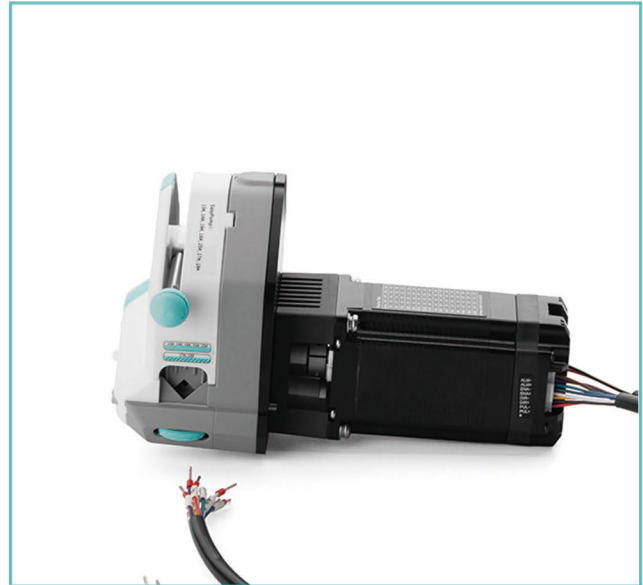


Model No.: OEM-EYB207



## Flow Data

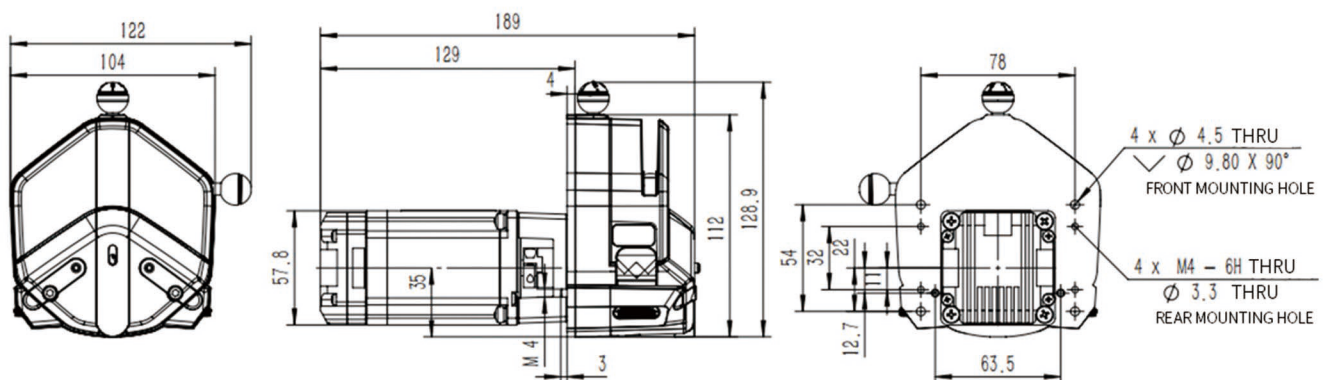
| Pump Head    | Single/Dual Channel | Tubing Wall Thickness(mm) | Pressure Adjustable |
|--------------|---------------------|---------------------------|---------------------|
| EasyPump I   | Single Channel      | 1.6                       | NO                  |
| EasyPump II  | Single Channel      | 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<br>thickness(mm) | mL/r  | Flow Rate(mL/min)<br>(0.1-600rpm) | Tubing Max.Pressure(Mpa) |            | Weight(kg) |
|----------------------------------|--------|--------------------------|-------|-----------------------------------|--------------------------|------------|------------|
|                                  |        |                          |       |                                   | Intermittent             | Continuous |            |
| Single Channel<br>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<br>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<br>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                                                             |
| Speed control        | External input pulse frequency speed control                                  |
| Subdivision settings | 1/16 (default), adjustable via DIP switches                                   |
| Input signal         | Supports common cathode, common anode, and differential wiring configurations |
| Motor type           | Integrated closed-loop stepper motor                                          |
| Logic input voltage  | 3.3V-5V                                                                       |
| Output signal        | Open collector output                                                         |
| Power supply         | DC24V-DC36V (Recommend DC36V), $\geq 100W$                                    |
| Working ambient      | 0-40°C, <80%RH                                                                |

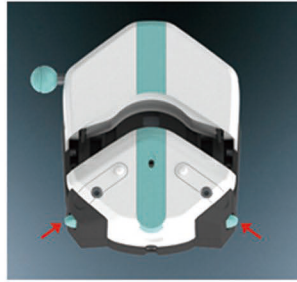
## Dimension Drawing (Unit:mm)



## Tubing Installation Procedure



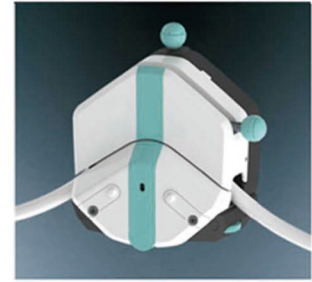
1. Turn the knob anti-clockwise 180°, open the upper block.



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.