

## Low Pulsation Pump Head



**Model No.:** DY15  
**Flow Rate :**  
**0.01-3337mL/min**

### Product Features

The low pulsation pump head is specialized for high precision filling. Through the phase difference between the two sets of rollers, make the pulse crest and trough complementary, reducing the fluid pulsation effectively, reach high precision liquid transferring.

### Typical Application

High precision dosing micro liquid

### Technical Specifications

| Pump Head | Housing Material   | Tubing Clamp Material | Tubing      |                   | Flow Rate(mL/min)<br>0.1~600(rpm) | Weight(kg) |
|-----------|--------------------|-----------------------|-------------|-------------------|-----------------------------------|------------|
|           |                    |                       | Tubing Size | ID×Wall thickness |                                   |            |
| DY15      | Aluminum alloy/PPS | PP                    | 13#         | 0.8×1.6(mm)       | 0.01~48                           | 3.2        |
|           |                    |                       | 14#         | 1.6×1.6(mm)       | 0.06~223                          |            |
|           |                    |                       | 19#         | 2.4×1.6(mm)       | 0.13~448                          |            |
|           |                    |                       | 16#         | 3.1×1.6(mm)       | 0.2~723                           |            |
|           |                    |                       | 25#         | 4.8×1.6(mm)       | 0.47~1626                         |            |
|           |                    |                       | 17#         | 6.4×1.6(mm)       | 0.64~2230                         |            |
|           |                    |                       | 18#         | 7.9×1.6(mm)       | 0.95~3337                         |            |



## Tubing Installation



A. Lift both side levers, take off the upper block.



B. Put the tubing with tubing clamp into pump housing.



C. Install the upper block, put down the levers to lock the block.

## Dimension Drawing (Unit:mm)

