

**Model No. : OEM-KDB301****Flow Data**

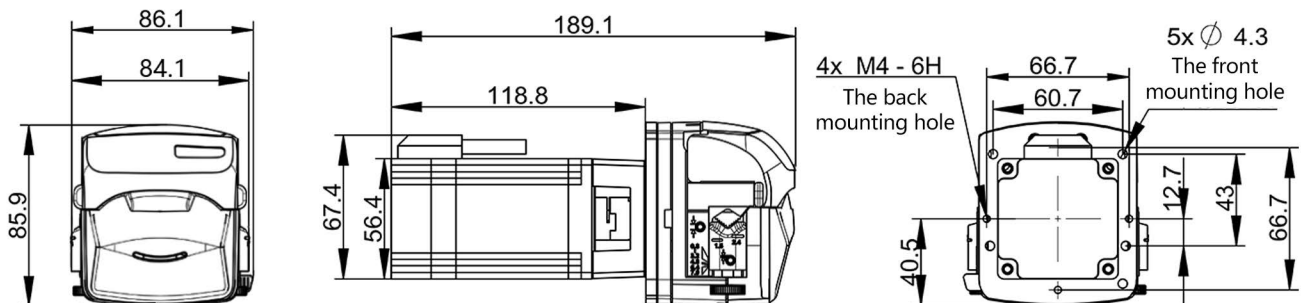
Pump Head	Tubing	ID×Wall thickness(mm)	Speed (rpm)	Flow Rate(mL/min) (3 rollers)	Flow Rate(mL/min) (4 rollers)	Tubing pressure resistance(Mpa)		Weight (kg)
						Continuous	Intermittent	
KD15	13"	0.8x1.6	0.1-600	0.0083-50.3	0.0079-47.37	0.27	0.17	0.37
	14"	1.6x1.6		0.0281-168.4	0.0267-160.37			
	19"	2.4x1.6		0.0613-367.97	0.0544-326.13			
	16"	3.2x1.6		0.1006-603.5	0.0942-565.47			
	25"	4.8x1.6		0.2243-1345.83	0.2103-1262	0.24	0.14	
	17"	6.4x1.6		0.3297-1978.1	0.2915-1748.93	0.14	0.10	
	18"	7.9x1.6		0.5047-3027.97	0.4483-2690	0.10	0.07	
KD25	15"	4.8x2.4	0.1-600	0.2513-1507.6	0.1979-1187.55	0.27	0.17	0.37
	24"	6.4x2.4		0.3912-2346.95	0.2909-1745.5			

Motor Specification

Speed range	0.1-600rpm
Flow rate range	0.0079~3027.97mL/min
Motor type	57 Closed-loop stepper motor
Motor phase number	2
Motor step angle	1.8°
Motor phase voltage	1.9V
Motor phase current	5.0A
Encoder supply voltage	DC5V (±10%)
Encoder resolution	1000 pulses
Working environment	0-40°C, <80%RH no condensation



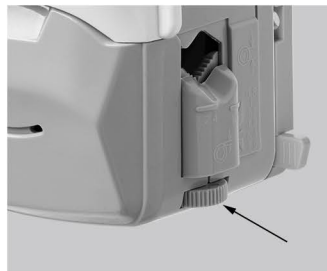
Dimension Drawing (Unit:mm)



Tubing Installation Procedure



1. Lift the flip top of the pump head to open the pump head.



2. Rubbing wheel adjustment



3. Put the tubing into the pump head.



4. Close the flip top of the pump head downward to complete the installation.