



Model No. : OEM-KDB203/204/205/206/207



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

OEM-KDB203 Motor Specification

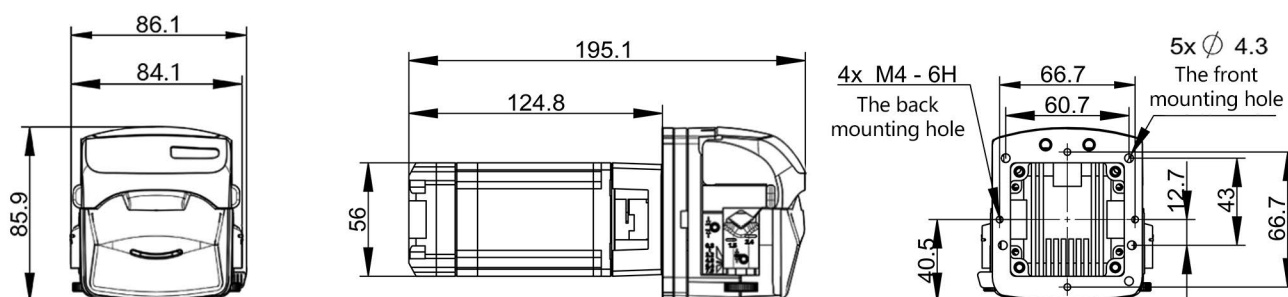
Speed range	0.1-600rpm
Flow rate range	0.0079~3027.97mL/min
Motor type	Closed-loop stepper integrated motor
Speed control method	External input pulse frequency speed regulation
Subdivision setting	1/16 (default), DIP switch can set multiple subdivisions
Working power supply	DC18~50V(Recommended 36V), ≥80W
Logical input voltage	DC5V
Working environment	0-40°C, <80%RH no condensation

**OEM-KDB204/OEM-KDB205/OEM-KDB206 Motor Specification**

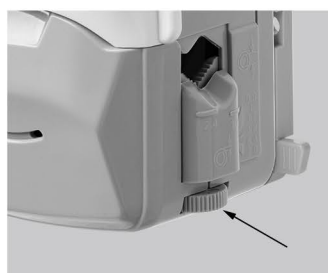
Speed range	0.1-600rpm
Flow rate range	0.0079~3027.97mL/min
Motor type	Closed-loop stepper integrated motor
Control method	Switching signal control for start/stop and direction change
Speed control method	OEM-KDB204: External analog speed control 4-20mA
	OEM-KDB205: External analog speed control 0-5V
	OEM-KDB206: External analog speed control 0-10V
Working power supply	DC18~50V(Recommended 36V), ≥100W
Logical input voltage	DC5V
Working environment	0-40°C, <80%RH no condensation

OEM-KDB207 Motor Specification

Speed range	0.1-600rpm
Flow rate range	0.0079~3027.97mL/min
Motor type	Closed-loop stepper integrated motor
Control method	RS485
Working power supply	DC18~50V(Recommended 36V), ≥100W
Working environment	0-40°C, <80% 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.