



Attractive appearance, High quality

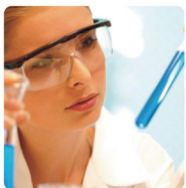


KDS Peristaltic Pump

- KDS products suitable for pump viscous, non-viscous liquid;
- Liquid containing particles can be transmitted;
- 4 motors, AC and DC can be selected;
- Tubing with a thick-walled, under high pressure;
- Flexible adaptive mechanism and tube with long service life;
- Noise is lower than similar products;
- Attractive appearance, optional colors.



APPLICATION AREAS



Laboratory

Liquid packaging, distribution, Quantitative extraction and filling



Inkjet

Ink transfer, Pipe cleaning



Food

Liquid blending



Instruments equipment

Laundry, washing machine



Bio-engineering

Plant hydroponic technology



Fine chemicals

Liquid transfer, sample analysis Filling

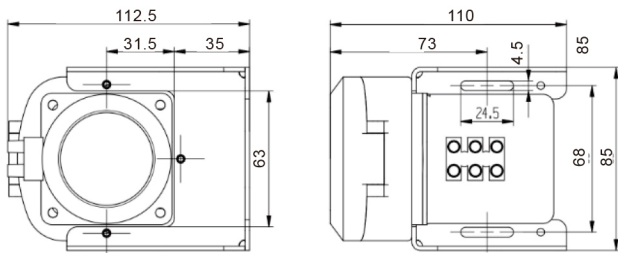


Environmental

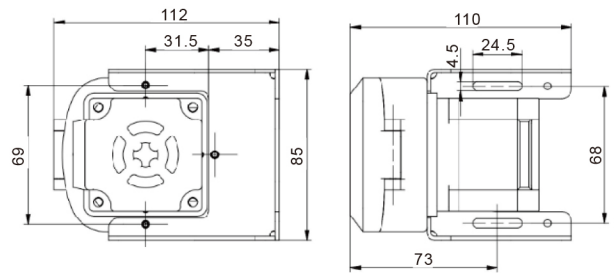
Wastewater sampling, transmission

AC Synchronous Motor installation (with stand)

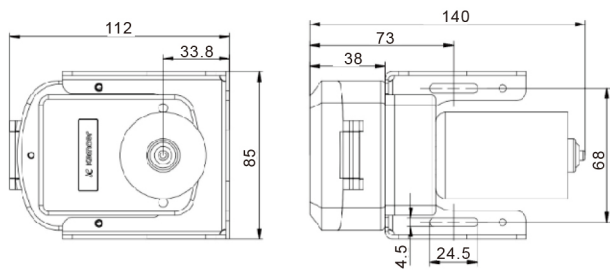
Unit: mm



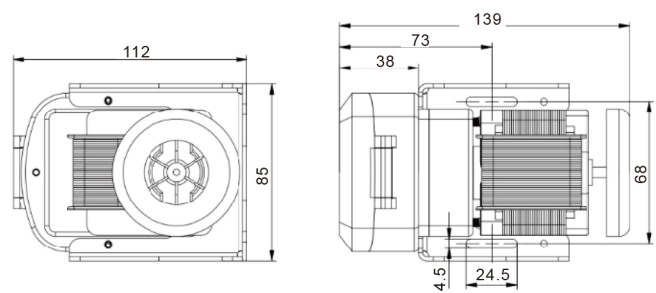
Stepper Motor installation (with stand)



DC Motor installation (with stand)



Shaded Pole Motor installation (with stand)



Motor	Synchronous motor	Stepper motor	DC motor	Shaded Pole Motor
Code	FA	FB	FC/FE	FD
Volt	AC 220V/50Hz	DC24V/DC12V	DC24V/DC12V	AC220V/50Hz
Current	0.07A	1.8A max	0.28A/0.56A	0.45A
Temperature	≤80°C	≤55°C	≤35°C	≤75°C
Pump head speed	100rpm	1-500rpm	300rpm	300rpm
Net Weight	≈0.93kg	≈1.03kg	≈0.75kg	≈1.31kg
2 rollers 4*7.2(B40) PharMed®BPT flow rate ml/min	100	5~440 (400rpm)	340	300
2 rollers 4*7.2(N40) Norprene® flow rate ml/min	100	5~440 (400rpm)	340	300
2 rollers 4*7.2(S40) Silicon tube flow rate ml/min	110	5~600 (500rpm)	380	380
2 rollers 6.4*9.6(N17) Norprene® flow rate ml/min	/	5~600 (300rpm)	640	600
2 rollers 6.4*9.6(S17) PharMed®BPT flow rate ml/min	260	5~900 (350rpm)	900	900
4 rollers 4*7.2(B40) Silicon tube flow rate ml/min	70	5~300 (400rpm)	280	230
4 rollers 4*7.2(N40) Norprene® flow rate ml/min	70	5~300 (400rpm)	280	230

Note: the above flow rate was tested at 20°C room temperature under normal atmospheric pressure measured and with water under pressure-free conditions. Actually according to different medium, different outlet pressure, such as DC motor speed error, so flow rate will have some error, the data for reference.