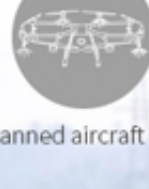


# High precision, long life

## KFS-ST STEPPER MOTOR



Unmanned aircraft sprays



Cleaning robot

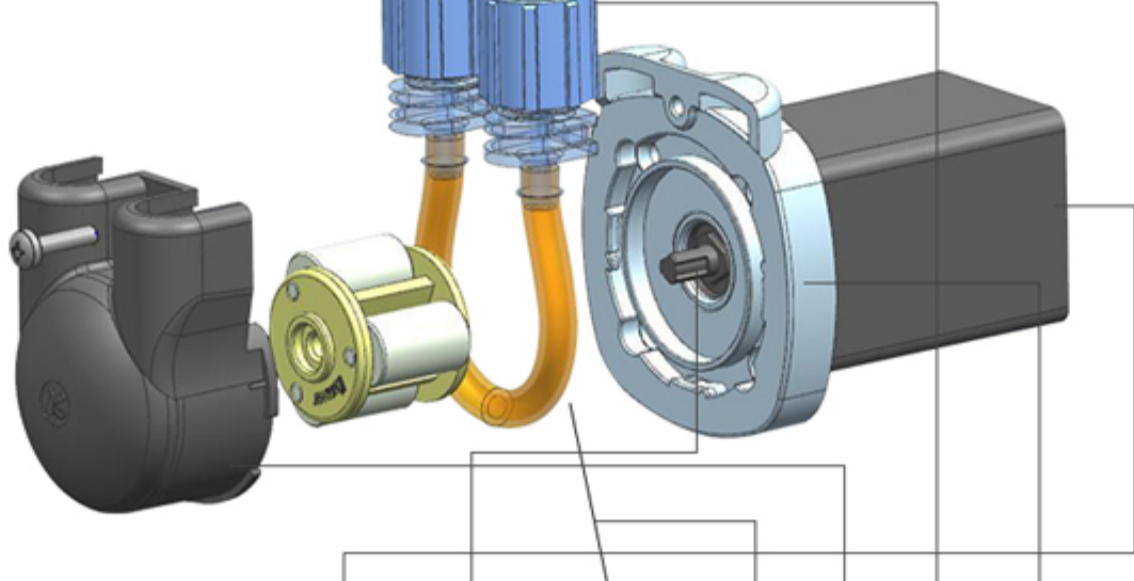


Sweeping robot



### Features

- Suitable for viscous, non-viscous liquid transport
- Ultra-small size and compact structure
- Flow range is 1-85ml/min
- Exquisite appearance, color optional
- A variety of pump tube materials are available
- Plastic gear / stepper motor drive, high reliability, low noise



**KFS-ST 0 B 06 B S I**

Motor selection    Deceleration level    Pump tube material code    Pump tube size code    Color code    Interface method    Installation method

### A variety of pump tube materials are available

Tubes	Picture	Materials	Features	Tubing life
B		PharMed <sup>®</sup> BPT	Non-cytotoxic and non-Hemolytic effect, highly resistant to ozone and UV rays, extreme resistant to the acid and base and heat, anti-aging, antioxidant, long service time, Temperature range from -51°C - 132°C	≥1000h
V		Viton	Anti-high temperature, anti-oil, Excellent resistance to chemical corrosive and ozone. Poor resistance to low temperature and radiation. Long life.	≥500h
S		Silicon	Competitive price, Resistant to weak acid and base, The softest of tube types, Most commonly used in water pump	≥200h

Note: The above test data measured by KFS pump with three rollers at the speed of 400 rpm/min continuously working at the room temperature 20°C pure water under no pressure and measured until the pump tube crack. The lifetime of tube is not the same because of the speed of the pump head, general, the lower speed of pump head, the longer tube life, the real lifetime depends on medium, condition, temperature and humidity and volt and other factors, the test data is for reference.

### Flow rate

Model		S04	S06	S10	B04	B06	B10	V01
ID*OD(mm)		1*3	2*4	3*5	1*3	2*4	3*5	2.54*4.24
Material		S	S	S	BPT	BPT	BPT	Viton
flow rate ml/min	24V motor (ST) current 1A	10	34	65	9	32	60	48

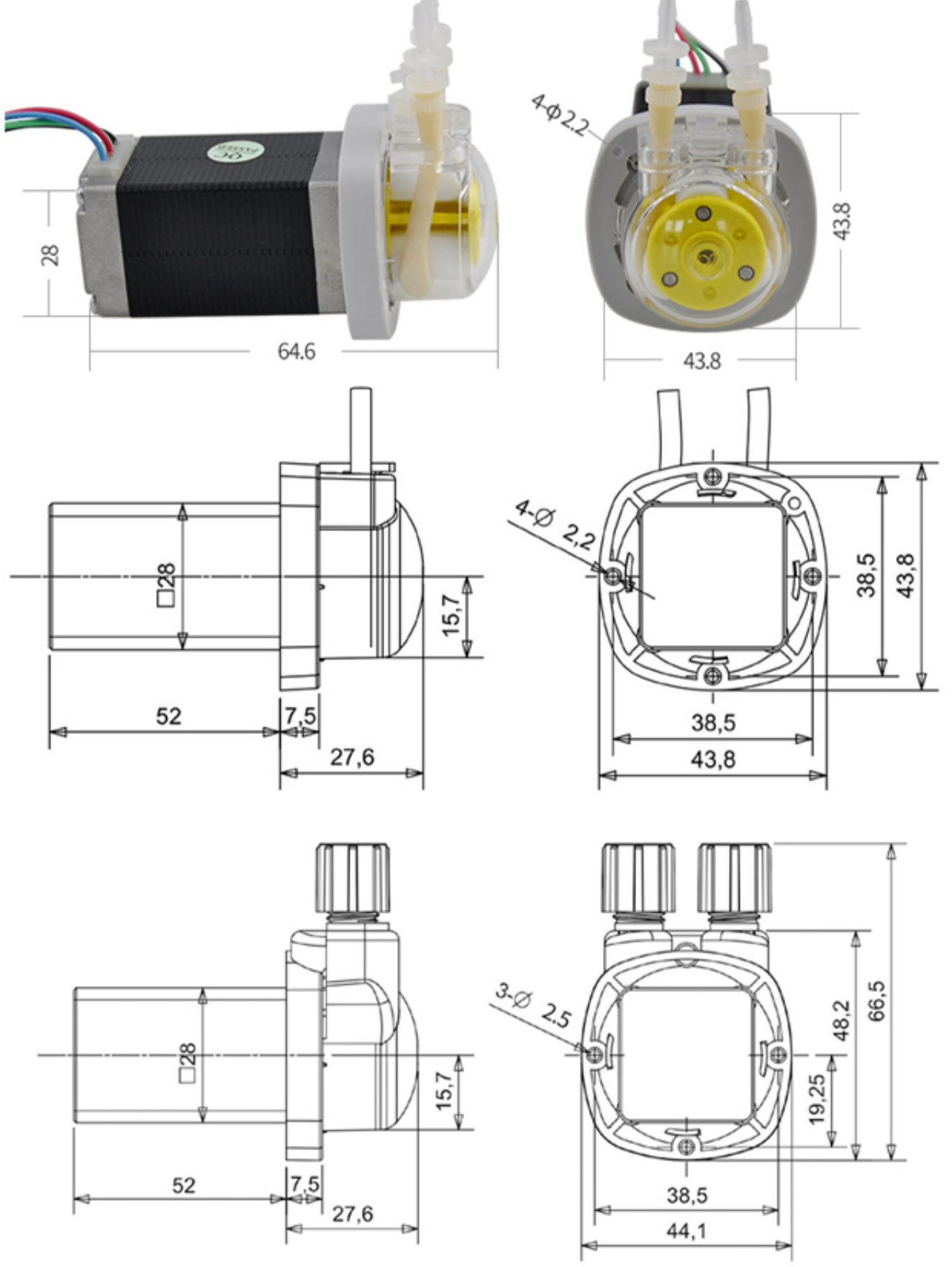
Note: 28 Stepper motor maximum speed 250rpm, Current: 1A, ambient noise <35db, 50cm distance measured 50db, posted product measured 63db.

Note: the above test data of KFS is measured at 20°C at room temperature pure water under no pressure until the pump tube crack. Actual service life is related with medium, condition, temperature, humidity, voltage, speed and other factors, the measured data as a reference. can be customized according to customer needs.

### Main material



#### Pressure tube buckle



Pump body and gear adopt original imported synthetic engineering plastics

Ultra-small size, compact structure

Unit: mm

#### Threaded pipe joint

