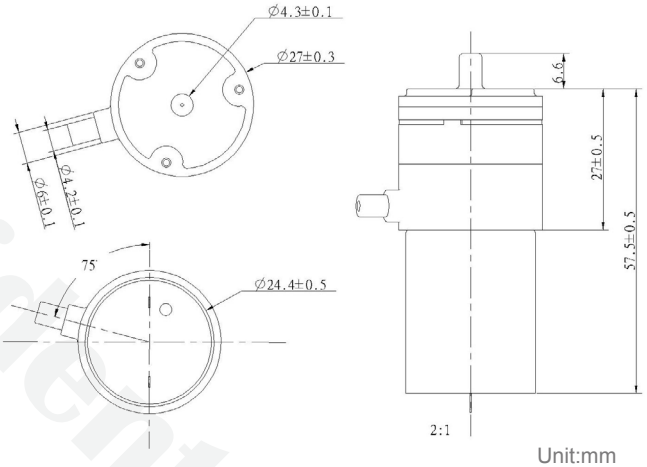
Rotary Diaphragm Pump

KPV27 Series KPV27H



Unit:mm

Concept

Piston pumps and plunger pumps are reciprocating positive displacement pumps that use a plunger or piston to move media through a cylindrical chamber.
They use a mechanism (typically rotational) to create a reciprocating motion along an axis, which then builds pressure in a cylinder or working barrel to force gas or fluid through the pump. The pressure in the chamber actuates the valves at both the suction and discharge points.
Specifically, air flow rate is proportional to motor speed, piston stroke, and piston diameter.

Features

- Low energy consumption
- High performance
- High level of gas tightness

Application

- Baby, Kids & Maternity
- Beauty care application
- Medical instruments
- Respiratory therapy devices
- Combustion analyzers
- Electric medical devices

Model Key

Category	KOGE	Pump	Type	Motor Diameter	Series A~Z	Voltage	Series	Output
Diaphragm	K	P	V	27	H	6	B	KPV27H-6B

Specifications

Part Number	KPV27H-6B
Voltage	DC 6V
Operating Voltage	DC 6V ~ 7.2V
Max. Flow	3.2 L/min
Max. Vacuum	-450mmHg
Max. Current	750mA
Life	500H
Testing Cycle	On 1.7s;Off 0.8s @500CC Tank
Noise Level	< 70 dB

Materials

Nozzle	ABS
Valve	NBR
Diaphragm	EPDM
Motor	DC brush

Curve Graph