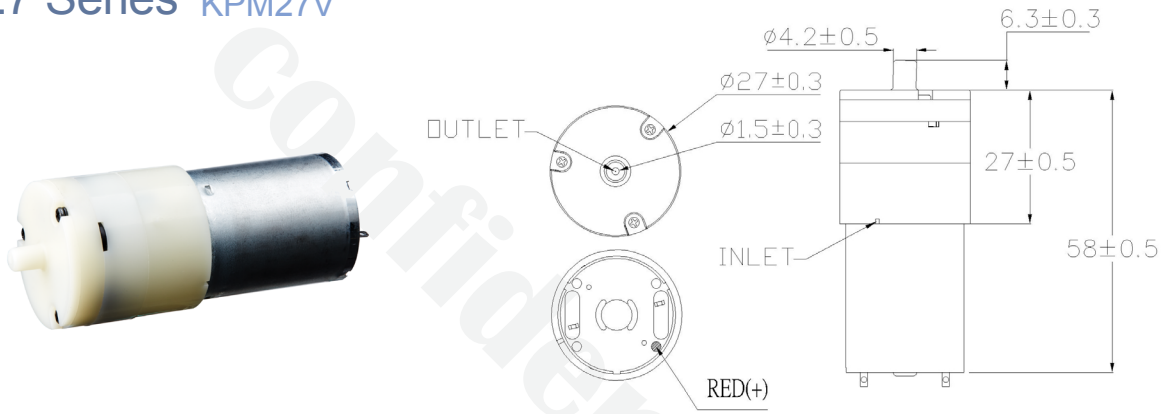


Rotary Diaphragm Pump KPM27 Series KPM27V



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

- ▶ Compact size
- ▶ High exhaust speed
- ▶ Low energy consumption
- ▶ High stability & efficiency

Application

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

Model Key

Category	KOGE	Pump	Type	Motor Diameter	Series A~Z	Voltage	Series	Output
Diaphragm	K	P	M	27	V	6	A	KPM27V-6A

Specifications

Part Number	KPM27V	
Voltage	DC 6V	DC 12V
Operating Voltage	DC 3.5V ~ 7.2V	DC 11V ~ 13V
Max. Flow	1.9 L/min	1.9 L/min
Max. Pressure	623mmHg	623mmHg
Max. Current	350mA	250mA
Life	50,000 cycles	
Testing Cycle	On 9s;Off 8s@500CC Tank	
Noise Level	< 50dB	< 50dB

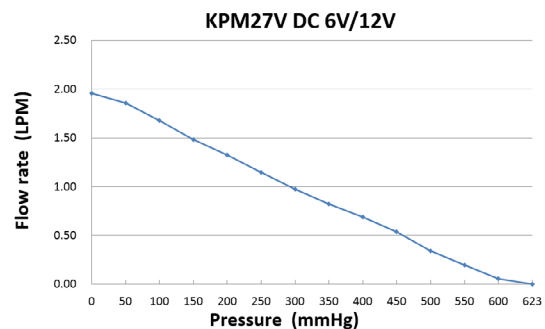
Similar Products

	6V	12V
KPM27U	•	•
KPM27W	•	X

Materials

Nozzle	ABS
Valve	CR
Diaphragm	EPDM
Motor	DC brush

Curve Graph



KOGE reserves the right to make technical changes without notice.