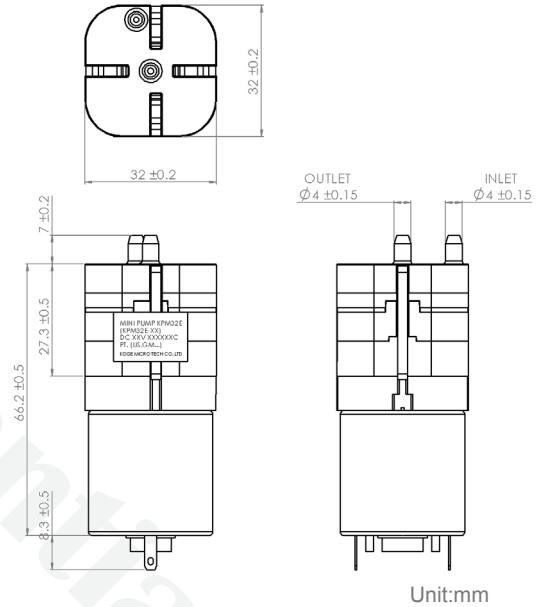
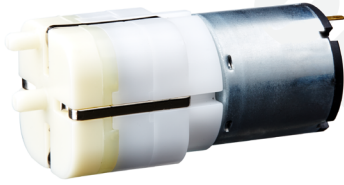


Rotary Diaphragm Pump KPM32 Series KPM32E



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

- ▶ High exhaust speed
- ▶ Low energy consumption
- ▶ High flow
- ▶ High stability
- ▶ High level of gas tightness

Application

- ▶ Medical instruments
- ▶ Respiratory therapy devices
- ▶ Electric medical devices
- ▶ Massage machine
- ▶ Office application
- ▶ Baby, Kids & Maternity
- ▶ Automotive

Model Key

Category	KOGE	Pump	Type	Motor Diameter	Series A~Z	Voltage	Series	Output
Diaphragm	K	P	M	32	E	6	A	KPM32E-6A

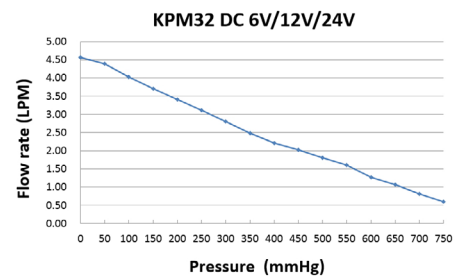
Specifications

Part Number	KPM32E		
Voltage	DC 6V	DC 12V	DC 24V
Operating Voltage	DC 5.4V ~ 6.6V	DC 10.5V~13.5V	DC 21.6V ~ 26.4V
Max. Flow	4.5 L/min	4.5 L/min	4.5 L/min
Max. Pressure	750mmHg	750mmHg	750mmHg
Max. Current	1.1A	550mA	400mA
Life	5,000 cycles	1200H	50,000 cycles
Testing Cycle	On 45s;Off 40s@500CC Tank	On 20s;Off 10s;Load 257mmHg@500CC Tank	On 10s;Off 5s@500CC Tank
Noise Level	< 60dB	< 60dB	< 60dB

Materials

Nozzle	PC+ABS
Valve	CR
Diaphragm	EPDM
Motor	DC brush

Curve Graph



Similar Products

	6V	12V	24V
KPM32A	•	•	•
KPM32B	•	•	•