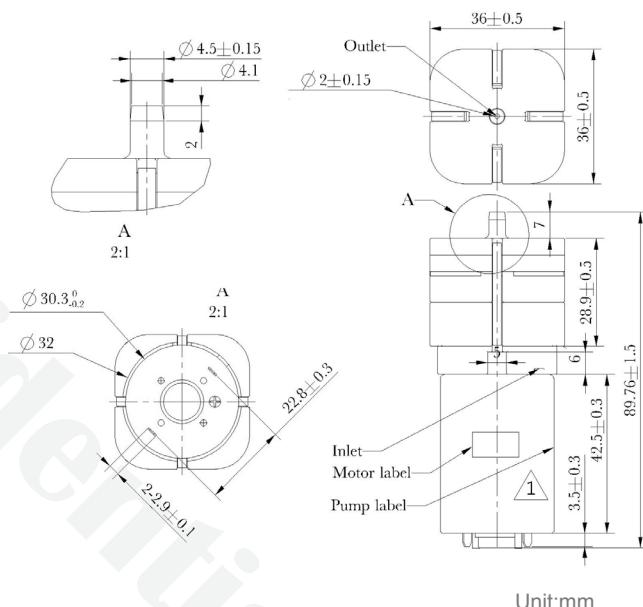
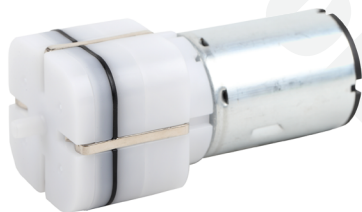


Rotary Diaphragm Pump KPM36 Series KPM36B



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 reliability
- ▶ High level of gas tightness
- ▶ Long life cycle

Application

- ▶ Automotive
- ▶ Beauty Care Application
- ▶ Medical Instruments
- ▶ Home Application
- ▶ Massage Machine
- ▶ Respiratory therapy devices
- ▶ Office application

Model Key

Category	KOGE	Pump	Type	Motor Diameter	Series A~Z	Voltage	Series	Output
Diaphragm	K	P	M	36	B	12	A	KPM36B-12A

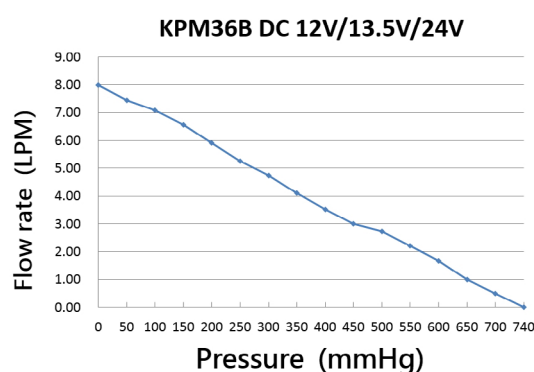
Specifications

Part Number	KPM36B-12A	KPM36B-14A	KPM36B-24A
Voltage	DC 12V	DC 13.5V	DC 24V
Operating Voltage	DC 11.5V ~ 12.5V	DC 9V~16V	DC 23.5V ~ 24.5V
Max. Flow	8 L/min	8 L/min	8 L/min
Max. Pressure	740mmHg	740mmHg	740mmHg
Max. Current	1000mA	650mA	550mA
Life	600,000 cycles	30,000 cycles	110,000 cycles
Testing Cycle	On 11s;Off 9s @250CC Tank	On 30s;Off 90s @400CC Tank	On 15s;Off 10s
Noise Level	< 45dB	< 50 dB	< 65 dB

Materials

Nozzle	POM
Valve	CR
Diaphragm	EPDM
Motor	DC brush

Curve Graph



KOGE reserves the right to make technical changes without notice.