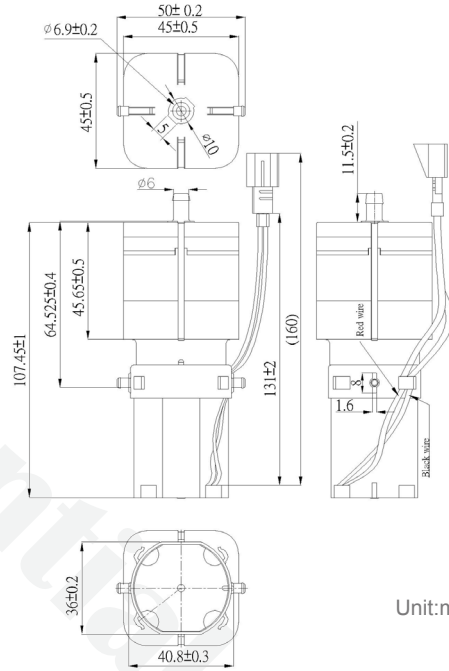
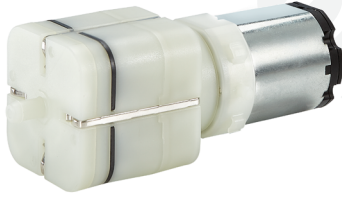


# Rotary Diaphragm Pump KPM45 Series KPM45A



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 noise & vibration
- ▶ Low energy consumption
- ▶ Long life
- ▶ High flow
- ▶ High reliability

## Application

- ▶ Automotive
- ▶ Medical instruments
- ▶ Home application
- ▶ Massage machine
- ▶ Respiratory therapy devices
- ▶ Office application

## Model Key

Category	KOGE	Pump	Type	Pump Head Size	Series A~Z	Voltage	Series	Output
Diaphragm	K	P	M	45	A	13	A	KPM45A-13A

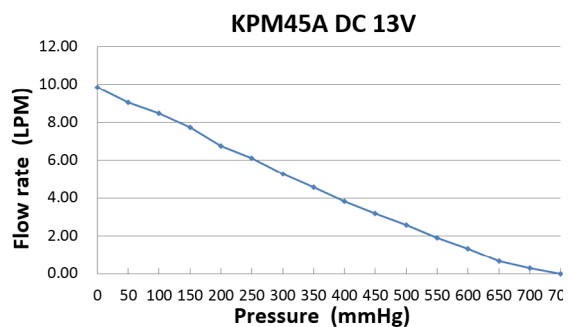
## Specifications

Part Number	KPM45A-13A
Voltage	DC 13V
Operating Voltage	DC 9V ~ 16V
Max. Flow	9.8 L/min
Max. Pressure	703mmHg
Max. Current	979mA
Life	216,000 cycles
Testing Cycle	On 30s;Off 10s @250CC Tank
Noise Level	38 dB

## Materials

Nozzle	PA66
Valve	CR
Diaphragm	EPDM
Motor	DC brush

## Curve Graph



KOGE reserves the right to make technical changes without notice.