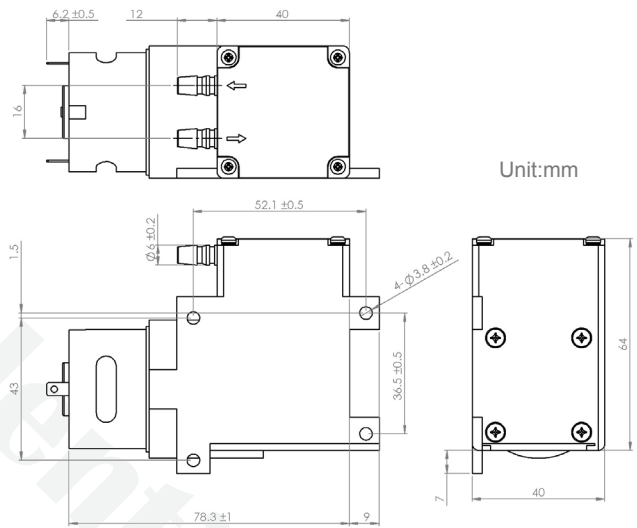


Rotary Diaphragm Pump KPV36 Series KPV36F



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

Application

- ▶ Medical instruments
- ▶ Industrial pressure and vacuum applications
- ▶ Combustion analyzers
- ▶ Analytical instruments
- ▶ Respiratory therapy devices

Model Key

Category	KOGE	Pump	Type	Motor Diameter	Series A~Z	Voltage	Series	Output
Diaphragm	K	P	V	36	F	12	A	KPV36F-12A

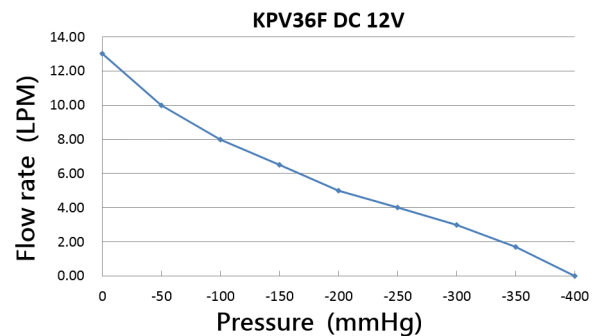
Specifications

Part Number	KPV36F-12A
Voltage	DC 12 V
Operating Voltage	DC 10.8~13.2V
Max. Flow	13 L/min
Max. Vacuum	-450mmHg
Max. Current	1000mA
Life	50,000 cycles
Testing Cycle	On 4s;Off 6s @500CC Tank
Noise Level	< 78 dB

Materials

Nozzle	ABS
Valve	NBR
Diaphragm	EPDM
Motor	DC brush

Curve Graph



KOGE reserves the right to make technical changes without notice.