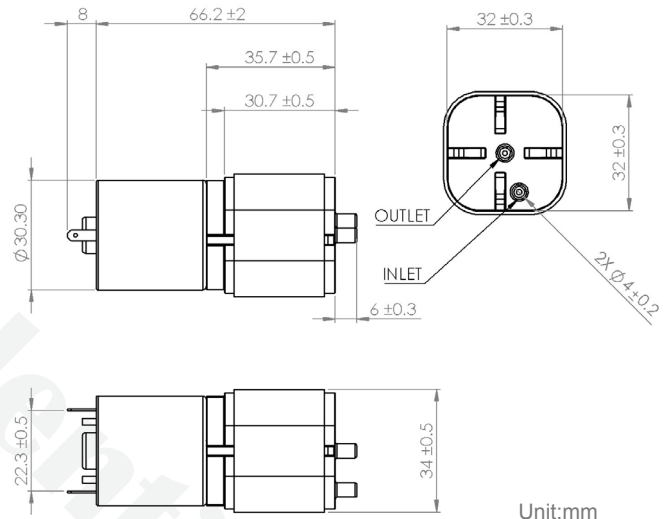
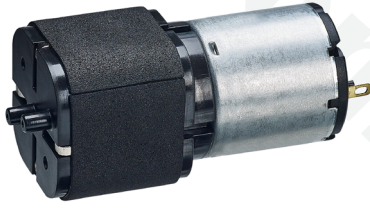


Rotary Diaphragm Pump KPV32 Series KPV32A



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
- ▶ Long life cycle

Application

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

Model Key

Category	KOGE	Pump	Type	Motor Diameter	Series A~Z	Voltage	Series	Output
Diaphragm	K	P	V	32	A	7.5	A	KPV32A-8A

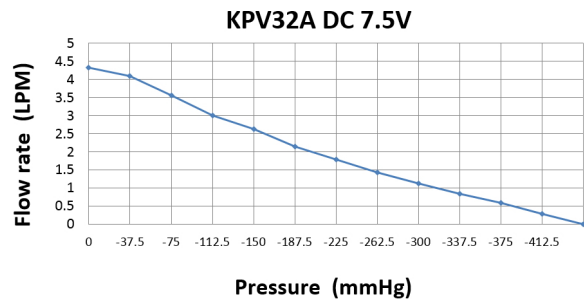
Specifications

Part Number	KPV32A-8A
Voltage	DC 7.5V
Operating Voltage	DC 6.0V~8.5V
Max. Flow	4.0 L/min
Max. Vacuum	-400 mmHg
Max. Current	600mA
Life	20,000,000 cycles
Testing Cycle	On 0.7s;Off 0.2s; -300mmHg Loaded
Noise Level	< 60 dB

Materials

Nozzle	POM
Valve	EPDM
Diaphragm	EPDM
Motor	DC brush

Curve Graph



KOGE reserves the right to make technical changes without notice.