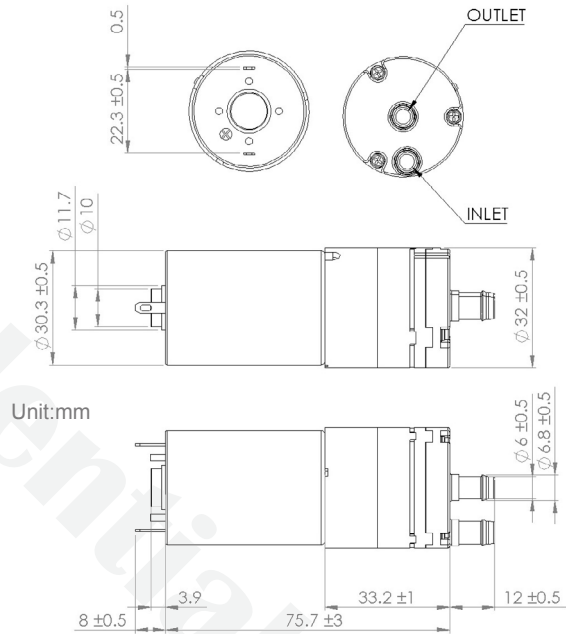


Rotary Diaphragm Pump KPW32 Series KPW32F



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 pressure
- ▶ Low noise
- ▶ Low energy consumption
- ▶ High stability

Application

- ▶ Medical treatment
- ▶ Coffee maker
- ▶ Water dispensers
- ▶ Household application
- ▶ Fountain, aquariums

Model Key

Category	KOGE	Pump	Type	Motor Diameter	Series A~Z	Voltage	Series	Output
Diaphragm	K	P	W	32	F	12	B	KPW32F-12B

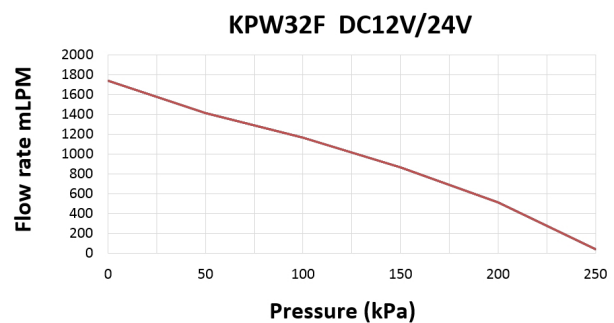
Specifications

P/N	Flow Rate (L/min)	Maximum Pressure (kPa)	Current (mA)	Suction Stroke (m)	Noise (dB)	Life	Testing Cycle
KPW32F-24A01	> 1.2	250	< 410	< 1	< 50	250H	Continuous
KPW32F-12B	> 1.2	250	< 410	< 1	< 50		@1.5bar Loaded

Materials

Nozzle	ABS
Valve	EPDM
Diaphragm	EPDM
Motor	DC brush

Curve Graph



KOGE reserves the right to make technical changes without notice.