

A CATALOGUE FOR DP DC MOTOR DIAPHRAGM PUMP

**1 Full Year
Factory
Warranty**

-  Food & Beverage
-  Mining
-  Paints & Dyes
-  Petrochemical
-  Pharmaceutical
-  Pulp & Paper
-  Power & Energy
-  Water Treatment



SIKO PUMP, specialized chemical handing pump manufacturer (www.sikopump.com)
metering pump, magnetic driving pump, diaphragm pump, bellows pump, rotary pump... ..

DP Mini DC diaphragm pump

DP mini diaphragm pumps operate using two opposing floating discs with seats that respond to the diaphragm motion. This process results in a quiet and reliable pumping action. Higher efficiency of the pump is evident in the longer life of the motor pump unit.

These pumps have excellent self-priming capability and can be run dry without damage, Rated to 160 Deg. F (70 Deg. C).

No metal parts come in contact with materials being pumped; diaphragms and check valves are available in Viton®, Santoprene or Buna-N construction. So these pumps are great chemically resistant.

Self-priming and dry running

Pumps prime within seconds of turning the pump on; prime is maintained by two check valves (one on either side).

Separated from the motor, the pump body contains no machinery parts, so pump can be in dry running condition for a short while.

Built-in pressure switch

A built-in pressure switch inside the pump can automatically stop the pump, when the pressure reach a setting data.



Feature

- ◆ Portable and simple installation
- ◆ Self suction capability and dry running
- ◆ Built-in pressure switch and over flow drain valve
- ◆ Corrosive-resistant material, such as Viton®, Santoprene or Buna-N and so on
- ◆ Low noise, Quiet and reliable DC power operation. brushless motor voltage ,DC12V or 24V
- ◆ High pressure, max to 130PSI
- ◆ Medium temperature up to 70C

Application

Mist cooling system, water pressure booster, vehicle cleaning, reverse osmosis water purification system (RO), water filter, water treatment, chemistry metering, printing industry, sanitary industry, environmental protect, sea water desalination (on board ship) and so on

DP-100



DP-35



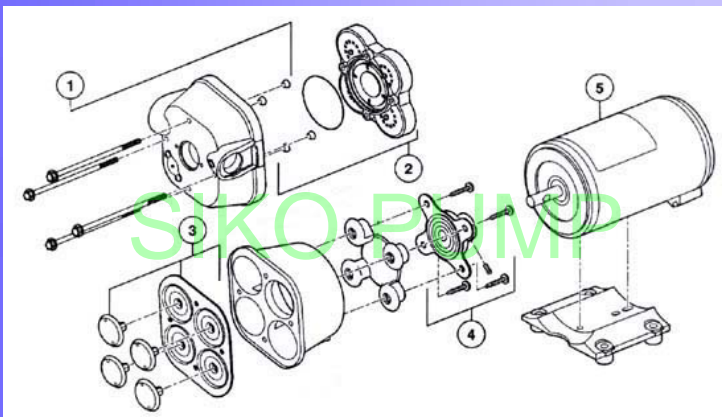
DP-130



Specification sheet

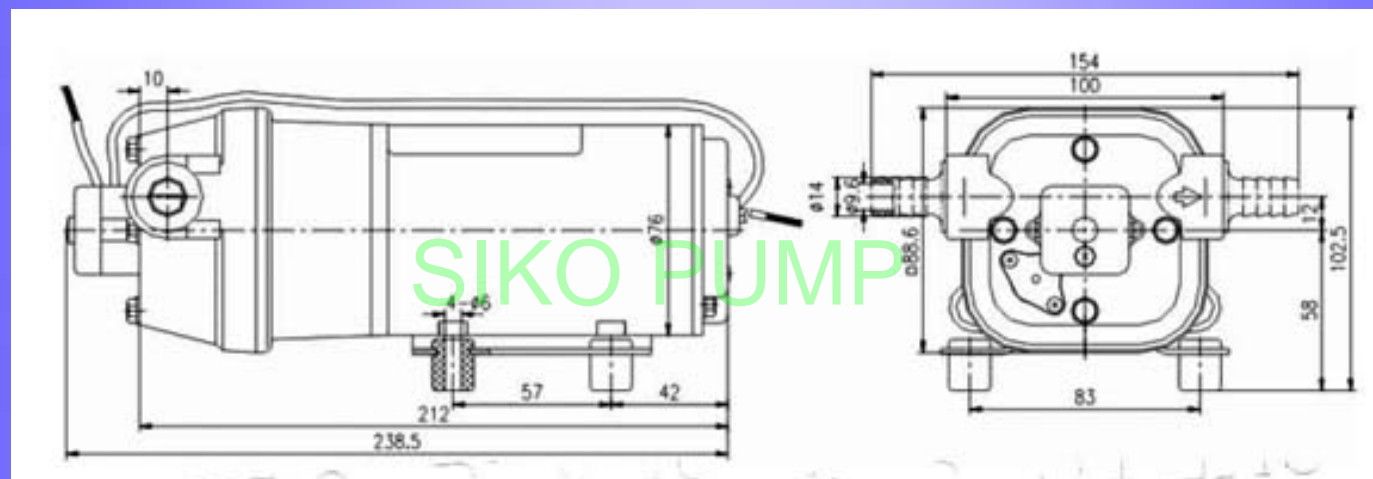
Model	Voltage	Max current	Max flow	Max pressure	Speed	Suction	Pressure switch on/off	Power
	VCD	A	GPM(L/min)	Psi(bar)	rpm	m	Psi(bar)	w
DP-130	24	1.2	0.45(1.7)	130(0.90)	470	5	/	15
DP-130	12	2.2	0.45(1.7)	130(0.90)	470	5	/	15
DP-130B	12	2.2	0.45(1.7)	130(0.90)	470	5	125(0.86)	15
DP-125	24	1.0	0.26(1.0)	125(0.86)	375	5	125(0.86)	10
DP-100	24	1.1	0.32(1.2)	100(0.68)	375	5	100(0.68)	10
DP-100A	24	1.1	0.32(1.2)	100(0.68)	375	5	/	10
DP-60	24	3.0	1.3(5.0)	60(0.42)	1200	5	60(0.42)	40
DP-60	12	6.0	1.3(5.0)	60(0.42)	1200	5	60(0.42)	40
DP-60A	12	3.5	0.8(3.0)	60(0.42)	375	5	/	20
DP-35	24	4.8	3.2(12)	35(0.24)	1300	5	35(0.24)	40
DP-35	12	7	2.5(9.5)	35(0.24)	1200	5	35(0.24)	40

Pump structure drawing

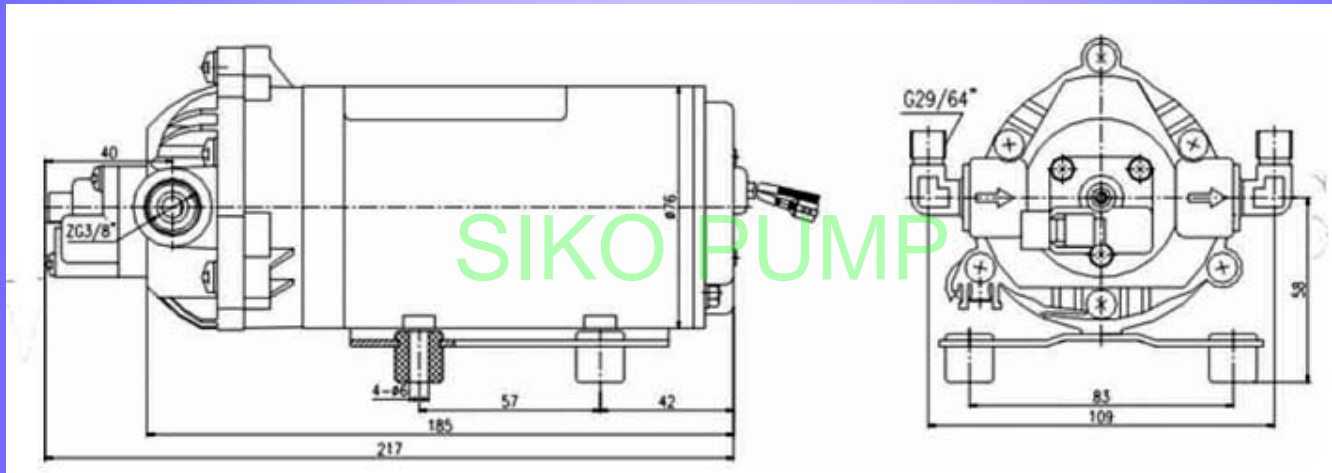


No.	Part name	Material
Item 1	Screw	Cast steel
Item 2	Valve with O-ring	Viton
Item 3	Diaphragm	PTFE
Item 4	Diaphragm/Cam Bearing Assembly	
Item 5	Motor	Permanent Magnet, Ball Bearing, Totally Enclosed.

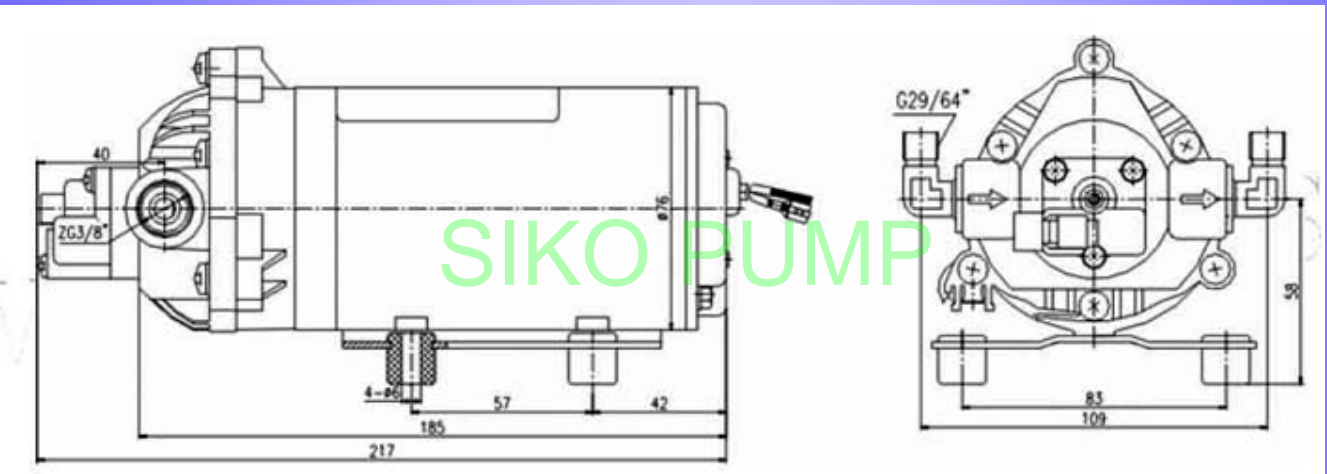
DP-35 size(mm)



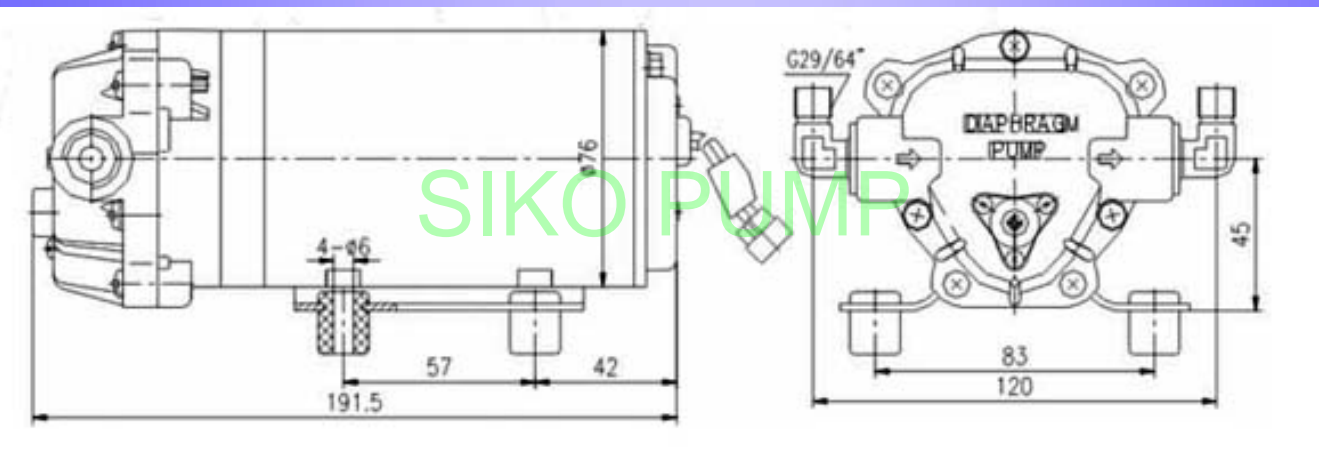
DP-60 size(mm)



DP-100 size(mm)



DP-125 size(mm)





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As we are constantly endeavoring to improve the performance of our equipment,

The company reserves the right to make alteration from time to time and equipment will maybe differ from that detailed in this brochure.