



## P9001 Series Mini Water Pump

### Application

- Pure electric buses motor control system hot water circulation
- Hybrid buses motor control system hot water circulation
- Engine cooling water circulation.
- .15KW Parking heater hot water circulation

### Feature

- Reverse voltage protection .
- Working status monitoring .
- Stall protection.
- PWM/Manual speed control function [optional].
- Slipping protection .



### Parameter

Parameter (only for reference, it can be customized)

Model	Voltage V	Rated Current A	Max flow L/H	Max head M	Power W
P9001	24	5	5400	4	120
	24	8	8640	7	192
	24	10	10800	9	240
Remarks	The current above is open outlet current, when contact to circulation system the current will cut down to 55%~65% of Rated current.				

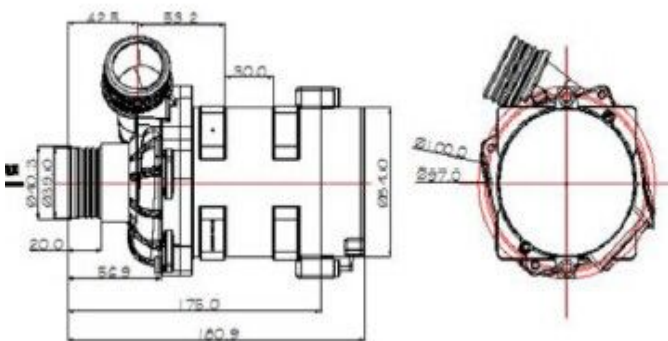
### Notice

- Runs in the condition of the pump chamber without liquid is not allowed.
- Reversely connects the power polarity is not allowed.
- Filter measures should be taken when used in foul water environment.
- Runs in the acid and alkali environment is not allowed.
- Ambient temperature and fluid temperature should be within the rated temperature.
- Only DC power can be used.

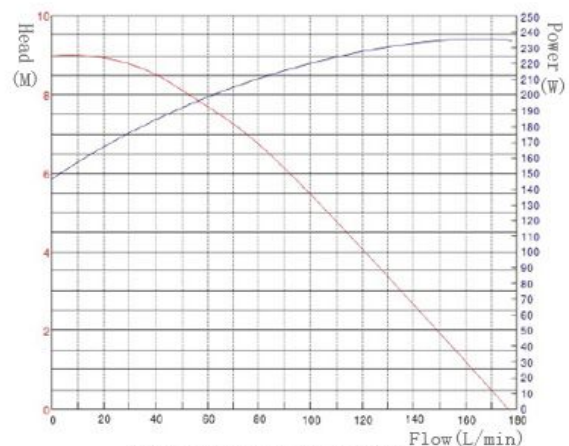
### Specification

#### Specs

NO	Items	Specs
1	Sizes	180.9x100x150
2	Dimension of inlet	38mm
3	Dimension of outlet	38mm
4	Pump material	Aluminum alloy
5	Condition of use	Continuously
6	Fluids	Water, oil [Provide acid and alkali solution]
7	Ambient temperature	-20~50℃
8	Max fluid temperature	80 ℃
9	Power consumption	18W~32W
10	Rated voltage	12V/24Vdc
11	Voltage used	12Vdc ~ 26.4Vdc
12	Noise	<45dB
13	Water proof class	IP65(Submersible installed optional)
14	Life span	More than 30000hrs
15	Power supply	DC electric source; battery



Dimension



P9001 24V Head-Flow curve graph

Head-Flow curve graph