



P4511 Series Mini Water Pump

Application

- Flat plate solar water circulation.
- Domestic heat pump water heater.
- Circulating systems for homes.
- Tank circulation, water boost.
- Split solar water heater circulation.
- Other machine hot water circulation etc.

Feature

- Can endure 105°C high temperature, FG signal.
- Over temperature and over voltage protection.
- Stall protection, over current protection.
- PWM speed control function.
- EMC compatibility test passed, no harassment signal.



Parameter

Parameter (only for reference, it can be customized)

Model	Voltage	Rated Current	Max flow	Max head	Power
	V	A	L/H	M	W
P4511	12	0.45	540	1.5	5
	12	1.2	720	2.5	15
	24	0.6	720	2.5	15
	24	0.8	1200	4	20

Remarks: The current above is open outlet current, when contact to circulation system the current will cut down to 55%~65% of Rated current.

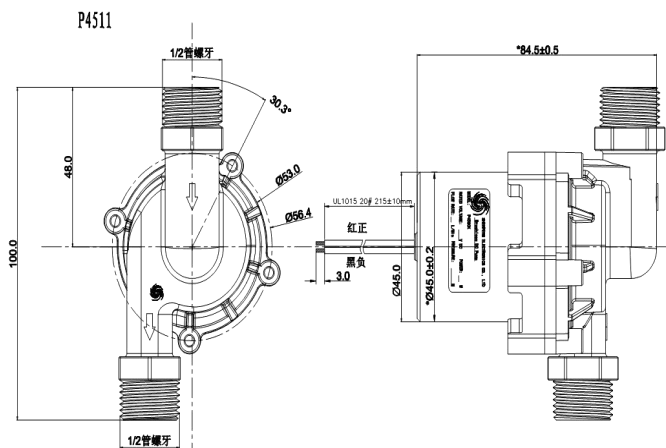
Notice

- 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.

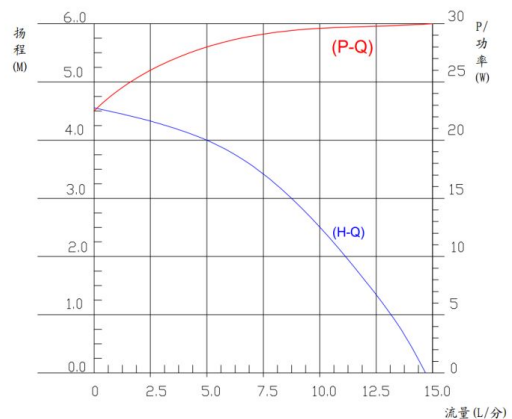
Specification

Specs

NO	Items	Specs
1	Sizes	84.5x100x56.4
2	Dimension of inlet	20.8mm
3	Dimension of outlet	20.8mm
4	Pump material	PPE
5	Condition of use	Continuously
6	Fluids	Water, oil, gasoline acid and alkali
7	Ambient temperature	-25~70°C
8	Max fluid temperature	105°C
9	Power consumption	5W~20W
10	Rated voltage	12V/24Vdc
11	Voltage used	10.8Vdc ~ 13.2Vdc or 21.6Vdc ~ 26.4Vdc
12	Noise	<50dB
13	Water proof class	IP68(Submersible installed optional)
14	Life span	More than 15000hrs
15	Power supply	Solar panel; DC electric source; battery



Dimension



Head-Flow curve graph