



P4506 Series Mini Water Pump

Application

- Water or oil circulation.
- Gas water Heater
- Tankless water heaters .
- Instant electric water heater .
- Solar water heater.
- Other Water boost equipment etc.

Feature

- Lack water protect function.
- Ceramic sleeve and ceramic shaft, long life.
- Stall protection ,over current protection.
- Closed impeller, high pressure.
- 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
P4506	12	1.3	600	6	15.6
	24	0.65	600	6	15.6
	24	1.2	810	9	28.8

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

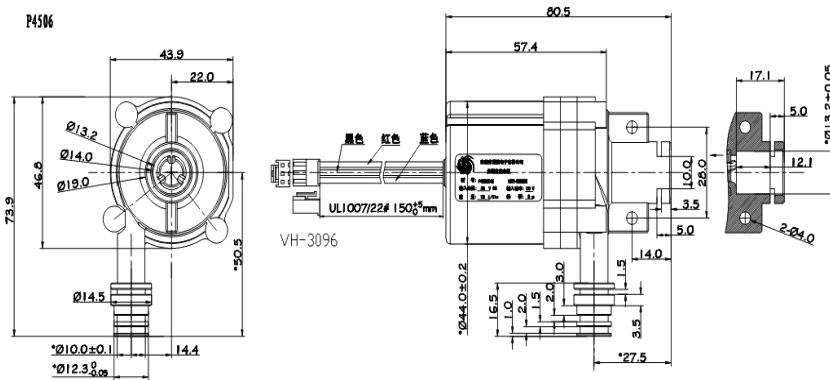
Specification

Specs

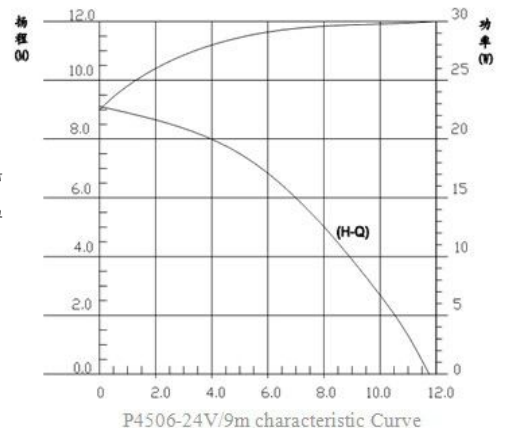
NO	Items	Specs
1	Sizes	80.5x43.9x73.9
2	Dimension of inlet	13.2mm
3	Dimension of outlet	12.3mm
4	Pump material	PPE
5	Condition of use	Continuously
6	Fluids	Water, oil [Provide acid and alkali solution]
7	Ambient temperature	-25~60℃
8	Max fluid temperature	50 ℃
9	Power consumption	15.6W~28.8W
10	Rated voltage	12V/24Vdc
11	Voltage used	10.8Vdc ~ 13.2Vdc or 21.6Vdc ~ 26.4Vdc
12	Noise	<45dB
13	Water proof class	IP30(Submersible installed optional)
14	Life span	More than 30000hrs
15	Power supply	Solar panel; DC electric source; battery

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.



Dimension



Head-Flow curve graph