

Product name : **Brushless DC Pump(DC30A)** Item : Details :

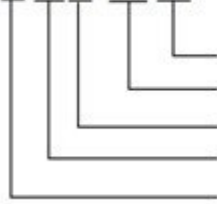
DC30A Series

Brushless dc pump,Submersible pump



Mode note:

DC30A-XX XX



Head:30 means the pump head is 3m
Voltage:12 means the voltage is 12Vdc
Differentiate inlet & outlet from DC30
Size:30 means the size at the range of 3cm
Means the pump is brushless dc pump

Specifications

NO	Items	Specs
1	Sizes and weight	51x34x42.7; 50g
2	Dimension of inlet	Optional (10mm or 8mm or 6mm)
3	Dimension of outlet	Optional (8mm or 5mm or 6mm)
4	Driving method	Brushless, Permanent Magnetic , 2 phase
5	Pump material	ABS+PC(optional)
6	Condition of use	Continuously

7	Fluids	Water, oil, gasoline, acid and alkali solution etc
8	Max working temp	60 Celsius
9	Power consumption	0.5W~4.2W
10	Rated voltage	12Vdc
11	Voltage used	4.5Vdc ~ 12Vdc
12	Max rated current	350mA
13	Max flow rate	4L/MIN(1.06G/MIN)
14	Max Static Head	3m(9.8ft)
15	Noise	<35db
16	Water proof class	IP68(can be submersible installed)
17	Life span	More than 30000hrs
18	Power supply	Solar panel; DC electric source; battery

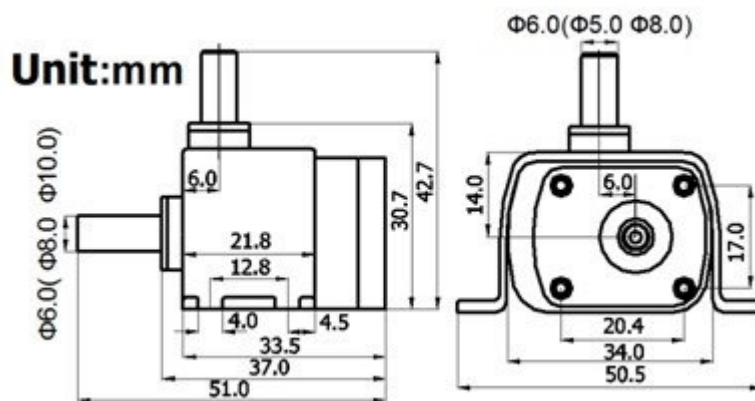
Parameter (only for reference, it can be customized)

Model	Voltage	Current	Max flow		Max head	
	V	A	L/H	G/H	M	ft
DC30A-0406	4.5	0.10	100	26	0.6	2.0
DC30A-0609	6	0.11	120	32	0.9	3.0
DC30A-0913	9	0.14	170	45	1.3	4.2
DC30A-1215	12	0.18	200	53	1.5	4.8
DC30A-1219	12	0.22	210	55	1.9	6.2
DC30A-1225	12	0.26	230	61	2.5	8.1
DC30A-1230	12	0.35	240	63	3.0	9.7
Remarks	The current above is starting current, when contact to circulation system the current will cut down to 55%~65% of Rated current.					

Advantages of our DC pump

- 1.Brushless, permanent magnetic rotor, maintenance-free, long life.
2. Small size, high efficiency, low consumption, low noise.
3. Can be fixed on the vessel wall with sucking disk.
- 4.Stator and circuit board sealed by epoxy resin, completely water proof.
- 5.Parameter adjustable, 12v pump's head can be 1.5m to 3m.
- 6.Can be customized.

Dimension and Picture



Head-Flow curve Graph

