

Our Advantage

We can develop not only the pump but also the motor on our own!

The Characteristic

You can choose the suitable pump along your purpose!

DC Pump (120W)

PY-122NDC Type

Non-Self Priming



Item		Standard	
Specification	Rated Voltage	DC 14.1V	
	Pump Type	Non-Self Priming DC Pump	
	Pipe Dia	Inlet	φ 15
		Outlet	φ 15
	Max Temperature	85°C	
	Motor Type	Brushless DC Motor	
	Dimension (L×W×H)	107×98×140 (mm)	
Weight	1.2kg		
Performance	Capacity	Rated Head	11m
		Rated Capacity	28.0L/min
		Rated Motor Speed	4,350min ⁻¹
	Rated Watt Consumption	145W	
	Noise Level (Rated)	45dB(A)	
	Vibration Level (Rated)	15μm	
Pressure Proof	300 kPa		
Electric	Variable Flow Signal	Analogue Voltage Signal	

Advantage of DC Pump

- **High-Efficiency**
two times more efficient than AC
- **Control of Performance**
used PWM control or Analogue Voltage Signal
- **Downsizing**
used not only DC motor but also unified impeller with rotor
- **Long Life**
used submerged slide bearing and brushless motor
- **Low Noise/Low Vibration**
used mold processing and have no parts which causes noise (some models)
- **Flexibility**
can customize the performance along your purpose

■ Characteristic Curves

