

## Our Advantage

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

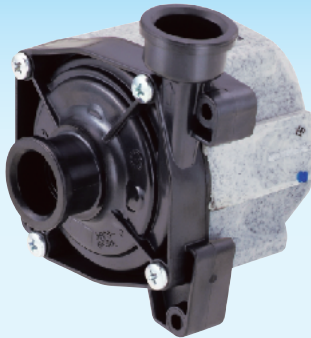
## The Characteristic

You can choose the suitable pump along your purpose!

### DC Pump [40W]

#### PY-41NDC Type

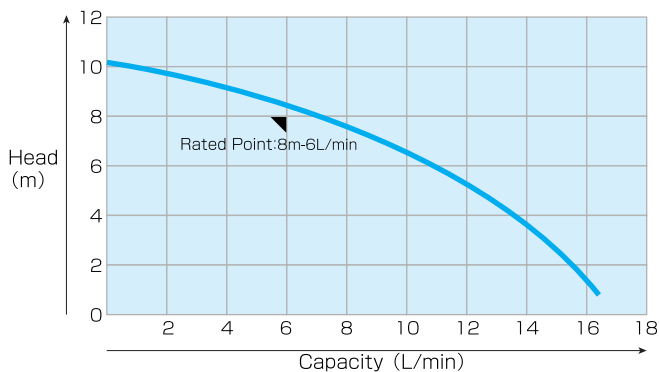
Non-Self Priming



Item		Standard	
Specification	Rated Voltage	DC 282V	
	Pump Type	Non-Self Priming DC Pump	
	Pipe Dia*	Inlet	Outside $\phi$ 27 Inside $\phi$ 18
		Outlet	Outside $\phi$ 27 Inside $\phi$ 18
	Max Temperature	80°C	
	Motor Type	Brushless DC Motor	
	Dimension (L×W×H)	80×87×94 (mm)	
	Weight	0.55kg	
Performance	Capacity	Rated Head	8m
		Rated Capacity	6.0L/min
		Rated Motor Speed	4,950min <sup>-1</sup>
	Rated Watt Consumption	40W	
	Noise Level (Rated)	35dB(A)	
	Vibration Level (Rated)	10 $\mu$ m	
	Pressure Proof	300 kPa	
Electric	Variable Flow Signal	Analogue Voltage Signal	

\*Quick Fastener Connecting

#### ■ Characteristic Curves



### 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