



# GP DC Miniature Centrifugal Water Pump

Quality OEM Electric Centrifugal Water Pump DTS4001

## >> Product Outward



## >> Specifications

Pump Type	Centrifugal Pump / DC brushless motor ( 20000 hours )
Speed Control	Voltage and PWM adjustable optional
Signal Feedback	Motor speed and RD status
IP Level	Epoxy potting, IP68 waterproof rating
Power Supply	Suitable for solar panel, batteries,adapter or other power module.
Medium	Water, coffee and other non-viscous liquid
Protection	Rotor lock protection/Reversepolarity protection (Can be customized as required )
Remark	Can't dry-running, not self-priming

## >> Product Futures

### Efficient Design

Micro brushless centrifugal pumps have a simple, lightweight structure that operates with high efficiency, providing continuous and stable flow and head for large volumes of low-viscosity liquids.

### High Stability

The static sealing design prevents leaks by isolating the liquid from the motor, while epoxy encapsulation ensures 100% waterproof capability. Also features overload protection for safe operation.

### Low Noise

With low rotor imbalance, these pumps operate quietly 5-10 dB(A) lower than comparable brushed DC pumps, while eliminating commutation vibrations for smoother operation.

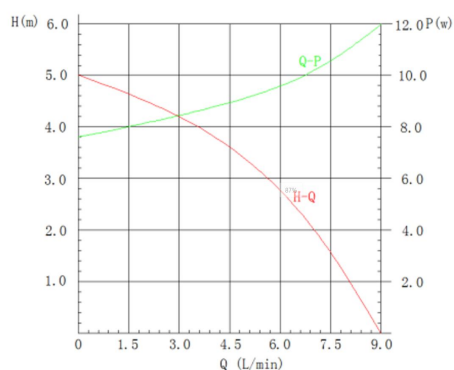
### Wide Application

Micro brushless centrifugal water pumps are suitable for various occasions, including aquariums, medical equipment, humidifiers, etc., to meet the liquid transfer needs of different fields.

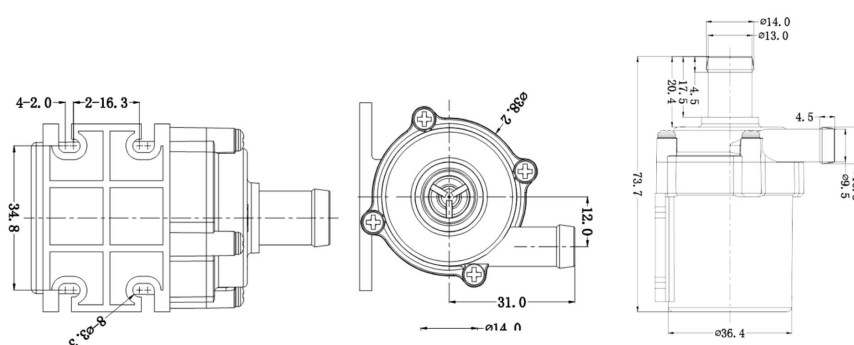
## >> Technical Parameters

Model	Voltage	Amps	Max Flow Rate	Max Lift Head	Power	Work Voltage	Flow Range	Max Temperature
DTS4001-A	12V	1A	9LPM	5M	12W	12-24V DC	9LPM	100℃
DTS4001-B	24V	0.5A	9LPM	5M	12W			

## >> Flow-lift Curve



## >> Dimensions





# GP DC Miniature Centrifugal Water Pump

Quality OEM Electric Centrifugal Water Pump DTS4002

## >> Product Outward



## >> Specifications

Pump Type	Centrifugal Pump / DC brushless motor ( 20000 hours )
Speed Control	Voltage and PWM adjustable optional
Signal Feedback	Motor speed and RD status
IP Level	Epoxy potting, IP68 waterproof rating
Power Supply	Suitable for solar panel, batteries,adapter or other power module.
Medium	Water, coffee and other non-viscous liquid
Protection	Rotor lock protection/Reversepolarity protection (Can be customized as required )
Remark	Can't dry-running, not self-priming

## >> Product Futures

### Efficient Design

Micro brushless centrifugal pumps have a simple, lightweight structure that operates with high efficiency, providing continuous and stable flow and head for large volumes of low-viscosity liquids.

### High Stability

The static sealing design prevents leaks by isolating the liquid from the motor, while epoxy encapsulation ensures 100% waterproof capability. Also features overload protection for safe operation.

### Low Noise

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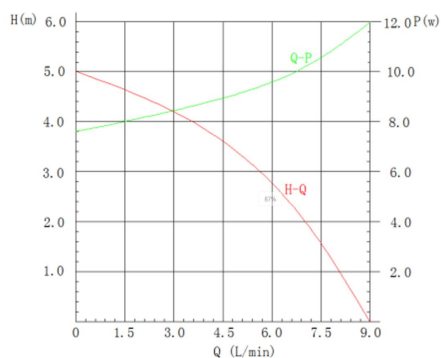
### Wide Application

Micro brushless centrifugal water pumps are suitable for various occasions, including aquariums, medical equipment, humidifiers, etc., to meet the liquid transfer needs of different fields.

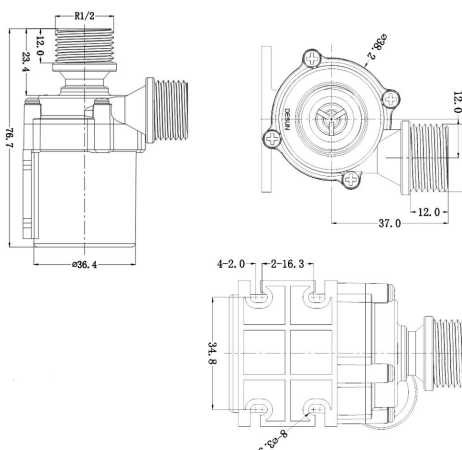
## >> Technical Parameters

Model	Voltage	Amps	Max Flow Rate	Max Lift Head	Power	Work Voltage	Flow Range	Max Temperature
DTS4002-A	12V	1A	9LPM	5M	12W	12-24V DC	9LPM	100℃
DTS4002-B	24V	0.5A	9LPM	5M	12W			

## >> Flow-lift Curve



## >> Dimensions



## GP DC Miniature Centrifugal Water Pump

## Quality OEM Electric Centrifugal Water Pump DTS4003

## >> Product Outward



## >> Specifications

<b>Pump Type</b>	Centrifugal Pump / DC brushless motor ( 20000 hours )
<b>Speed Control</b>	Voltage and PWM adjustable optional
<b>Signal Feedback</b>	Motor speed and RD status
<b>IP Level</b>	Epoxy potting, IP68 waterproof rating
<b>Power Supply</b>	Suitable for solar panel, batteries,adapter or other power module.
<b>Medium</b>	Water, coffee and other non-viscous liquid
<b>Protection</b>	Rotor lock protection/Reversepolarity protection (Can be customized as required )
<b>Remark</b>	Can't dry-running, not self-priming

## >> Product Futures

## Efficient Design

Micro brushless centrifugal pumps have a simple, lightweight structure that operates with high efficiency, providing continuous and stable flow and head for large volumes of low-viscosity liquids.

## High Stability

The static sealing design prevents leaks by isolating the liquid from the motor, while epoxy encapsulation ensures 100% waterproof capability. Also features overload protection for safe operation.

## Low Noise

With low rotor imbalance, these pumps operate quietly 5-10 dB(A) lower than comparable brushed DC pumps, while eliminating commutation vibrations for smoother operation.

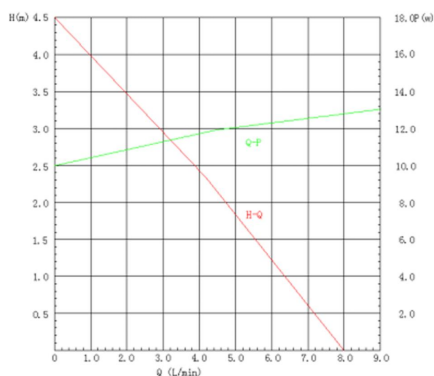
## Wide Application

Micro brushless centrifugal water pumps are suitable for various occasions, including aquariums, medical equipment, humidifiers, etc., to meet the liquid transfer needs of different fields.

## >> Technical Parameters

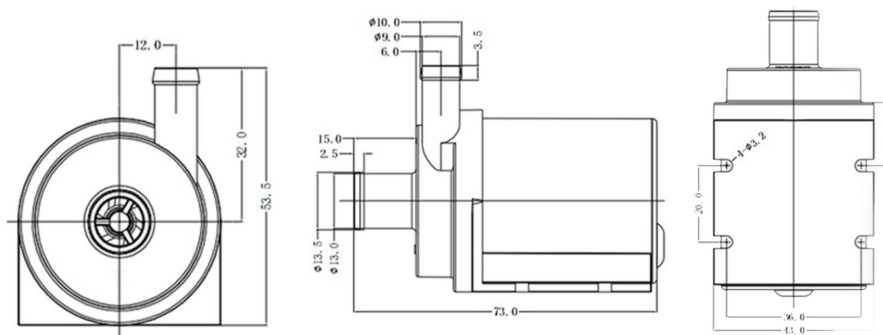
Model	Voltage	Amps	Max Flow Rate	Max Lift Head	Power	Work Voltage	Flow Range	Max Temperature
DTS4003-A	6V	1.5A	6LPM	3M	9W	5-24V DC	5-8LPM	75℃
DTS4003-B	12V	1A	8LPM	4M	12W			
DTS4003-C	18V	0.67A	8LPM	4M	12W			
DTS4003-D	24V	0.50A	8LPM	4.5M	13W			

### >> Flow-lift Curve



24V

## >> Dimensions

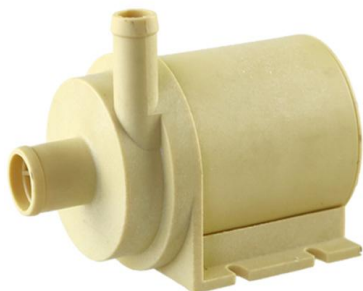




# GP DC Miniature Centrifugal Water Pump

Quality OEM Electric Centrifugal Water Pump DTS4003F (Food-Grade)

## >> Product Outward



## >> Specifications

Pump Type	Centrifugal Pump / DC brushless motor ( 20000 hours )
Speed Control	Voltage and PWM adjustable optional
Signal Feedback	Motor speed and RD status
IP Level	Epoxy potting, IP68 waterproof rating
Power Supply	Suitable for solar panel, batteries,adapter or other power module.
Medium	Water, coffee and other non-viscous liquid
Protection	Rotor lock protection/Reversepolarity protection (Can be customized as required )
Remark	Can't dry-running, not self-priming

## >> Product Futures

### Efficient Design

Micro brushless centrifugal pumps have a simple, lightweight structure that operates with high efficiency, providing continuous and stable flow and head for large volumes of low-viscosity liquids.

### High Stability

The static sealing design prevents leaks by isolating the liquid from the motor, while epoxy encapsulation ensures 100% waterproof capability. Also features overload protection for safe operation.

### Low Noise

With low rotor imbalance, these pumps operate quietly 5-10 dB(A) lower than comparable brushed DC pumps, while eliminating commutation vibrations for smoother operation.

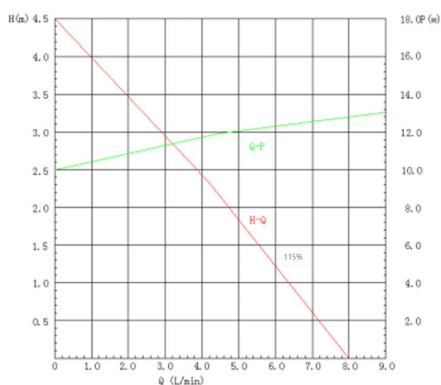
### Wide Application

Micro brushless centrifugal water pumps are suitable for various occasions, including aquariums, medical equipment, humidifiers, etc., to meet the liquid transfer needs of different fields.

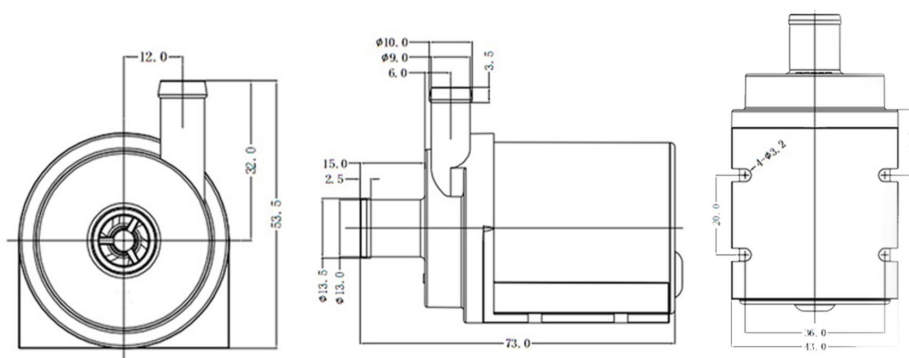
## >> Technical Parameters

Model	Voltage	Amps	Max Flow Rate	Max Lift Head	Power	Work Voltage	Flow Range	Max Temperature
DTS4003F -A	6V	1.5A	6LPM	3M	9W	5-24V DC	5-8LPM	100℃
DTS4003F -B	12V	1A	8LPM	4M	12W			
DTS4003F -C	18V	0.67A	8LPM	4M	12W			
DTS4003F -D	24V	0.50A	8LPM	4.5M	13W			

## >> Flow-lift Curve



## >> Dimensions





# GP DC Miniature Centrifugal Water Pump

Quality OEM Electric Centrifugal Water Pump DTS4003N (Food-Grade)

## >> Product Outward



## >> Specifications

Pump Type	Centrifugal Pump / DC brushless motor ( 20000 hours )
Speed Control	Voltage and PWM adjustable optional
Signal Feedback	Motor speed and RD status
IP Level	Epoxy potting, IP68 waterproof rating
Power Supply	Suitable for solar panel, batteries,adapter or other power module.
Medium	Water, coffee and other non-viscous liquid
Protection	Rotor lock protection/Reversepolarity protection (Can be customized as required )
Remark	Can't dry-running, not self-priming

## >> Product Futures

### Efficient Design

Micro brushless centrifugal pumps have a simple, lightweight structure that operates with high efficiency, providing continuous and stable flow and head for large volumes of low-viscosity liquids.

### High Stability

The static sealing design prevents leaks by isolating the liquid from the motor, while epoxy encapsulation ensures 100% waterproof capability. Also features overload protection for safe operation.

### Low Noise

With low rotor imbalance, these pumps operate quietly 5-10 dB(A) lower than comparable brushed DC pumps, while eliminating commutation vibrations for smoother operation.

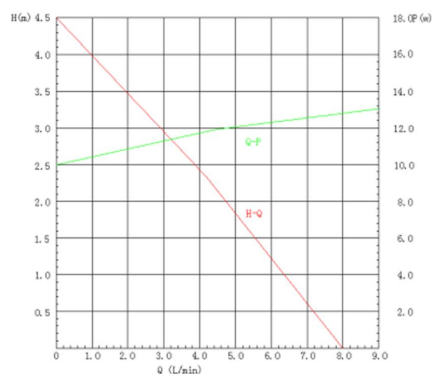
### Wide Application

Micro brushless centrifugal water pumps are suitable for various occasions, including aquariums, medical equipment, humidifiers, etc., to meet the liquid transfer needs of different fields.

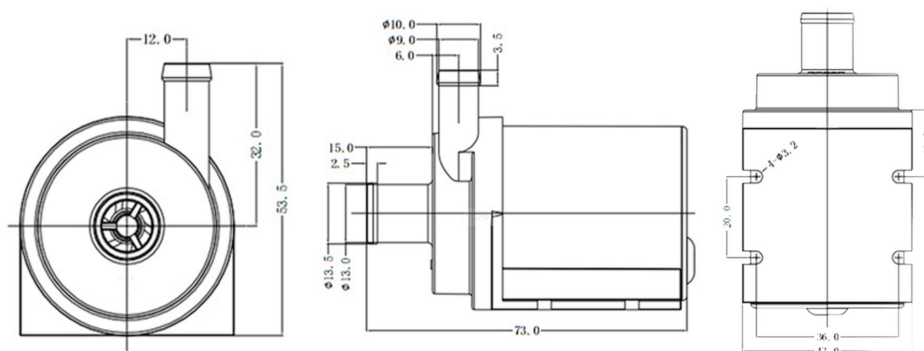
## >> Technical Parameters

Model	Voltage	Amps	Max Flow Rate	Max Lift Head	Power	Work Voltage	Flow Range	Max Temperature
DTS4003N -A	6V	1.5A	6LPM	3M	9W	5-24V DC	5-8LPM	70℃
DTS4003N -B	12V	1A	8LPM	4M	12W			
DTS4003N -C	18V	0.67A	8LPM	4M	12W			
DTS4003N -D	24V	0.50A	8LPM	4.5M	13W			

## >> Flow-lift Curve



## >> Dimensions







# GP DC Miniature Centrifugal Water Pump

Quality OEM Electric Centrifugal Water Pump DTS4004

## >> Product Outward



## >> Specifications

Pump Type	Centrifugal Pump / DC brushless motor ( 20000 hours )
Speed Control	Voltage and PWM adjustable optional
Signal Feedback	Motor speed and RD status
IP Level	Epoxy potting, IP68 waterproof rating
Power Supply	Suitable for solar panel, batteries,adapter or other power module.
Medium	Water, coffee and other non-viscous liquid
Protection	Rotor lock protection/Reversepolarity protection (Can be customized as required )
Remark	Can't dry-running, not self-priming

## >> Product Futures

### Efficient Design

Micro brushless centrifugal pumps have a simple, lightweight structure that operates with high efficiency, providing continuous and stable flow and head for large volumes of low-viscosity liquids.

### High Stability

The static sealing design prevents leaks by isolating the liquid from the motor, while epoxy encapsulation ensures 100% waterproof capability. Also features overload protection for safe operation.

### Low Noise

With low rotor imbalance, these pumps operate quietly 5-10 dB(A) lower than comparable brushed DC pumps, while eliminating commutation vibrations for smoother operation.

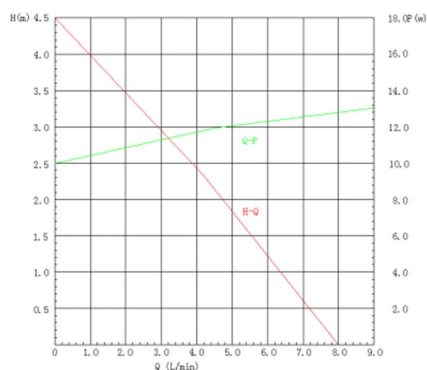
### Wide Application

Micro brushless centrifugal water pumps are suitable for various occasions, including aquariums, medical equipment, humidifiers, etc., to meet the liquid transfer needs of different fields.

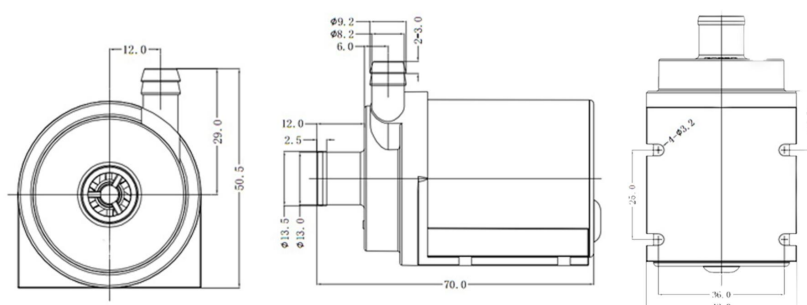
## >> Technical Parameters

Model	Voltage	Amps	Max Flow Rate	Max Lift Head	Power	Work Voltage	Flow Range	Max Temperature
DTS4004-A	6V	1.5A	6LPM	3M	9W	5-24V DC	5-8LPM	75℃
DTS4004-B	12V	1A	8LPM	4M	12W			
DTS4004-C	18V	0.67A	8LPM	4M	12W			
DTS4004-D	24V	0.50A	8LPM	4.5M	13W			

## >> Flow-lift Curve



## >> Dimensions



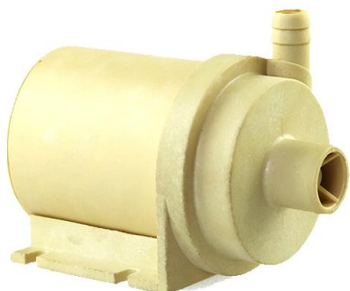
24V



# GP DC Miniature Centrifugal Water Pump

Quality OEM Electric Centrifugal Water Pump DTS4004F (Food-Grade)

## >> Product Outward



## >> Specifications

Pump Type	Centrifugal Pump / DC brushless motor ( 20000 hours )
Speed Control	Voltage and PWM adjustable optional
Signal Feedback	Motor speed and RD status
IP Level	Epoxy potting, IP68 waterproof rating
Power Supply	Suitable for solar panel, batteries,adapter or other power module.
Medium	Water, coffee and other non-viscous liquid
Protection	Rotor lock protection/Reversepolarity protection (Can be customized as required )
Remark	Can't dry-running, not self-priming

## >> Product Futures

### Efficient Design

Micro brushless centrifugal pumps have a simple, lightweight structure that operates with high efficiency, providing continuous and stable flow and head for large volumes of low-viscosity liquids.

### High Stability

The static sealing design prevents leaks by isolating the liquid from the motor, while epoxy encapsulation ensures 100% waterproof capability. Also features overload protection for safe operation.

### Low Noise

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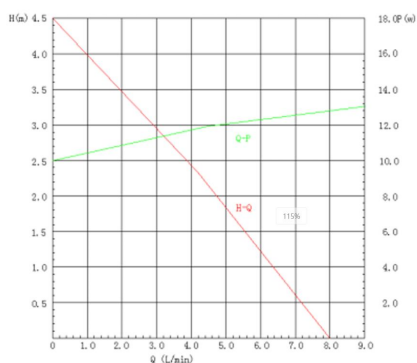
### Wide Application

Micro brushless centrifugal water pumps are suitable for various occasions, including aquariums, medical equipment, humidifiers, etc., to meet the liquid transfer needs of different fields.

## >> Technical Parameters

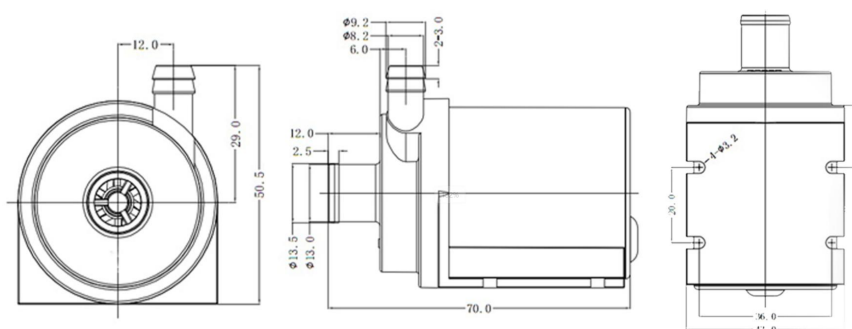
Model	Voltage	Amps	Max Flow Rate	Max Lift Head	Power	Work Voltage	Flow Range	Max Temperature
DTS4004F -A	6V	1.5A	6LPM	3M	9W	5-24V DC	5-8LPM	100℃
DTS4004F -B	12V	1A	8LPM	4M	12W			
DTS4004F -C	18V	0.67A	8LPM	4M	12W			
DTS4004F -D	24V	0.50A	8LPM	4.5M	13W			

## >> Flow-lift Curve



24V

## >> Dimensions





# GP DC Miniature Centrifugal Water Pump

Quality OEM Electric Centrifugal Water Pump DTS4005

## >> Product Outward



## >> Specifications

Pump Type	Centrifugal Pump / DC brushless motor ( 20000 hours )
Speed Control	Voltage and PWM adjustable optional
Signal Feedback	Motor speed and RD status
IP Level	Epoxy potting, IP68 waterproof rating
Power Supply	Suitable for solar panel, batteries,adapter or other power module.
Medium	Water, coffee and other non-viscous liquid
Protection	Rotor lock protection/Reversepolarity protection (Can be customized as required )
Remark	Can't dry-running, not self-priming

## >> Product Futures

### Efficient Design

Micro brushless centrifugal pumps have a simple, lightweight structure that operates with high efficiency, providing continuous and stable flow and head for large volumes of low-viscosity liquids.

### High Stability

The static sealing design prevents leaks by isolating the liquid from the motor, while epoxy encapsulation ensures 100% waterproof capability. Also features overload protection for safe operation.

### Low Noise

With low rotor imbalance, these pumps operate quietly 5-10 dB(A) lower than comparable brushed DC pumps, while eliminating commutation vibrations for smoother operation.

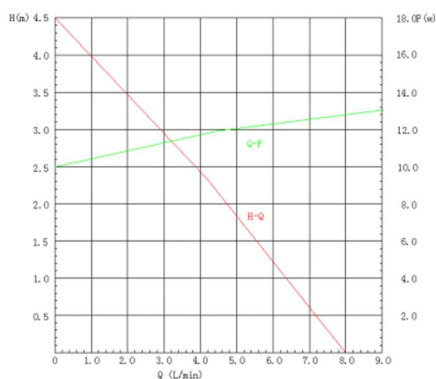
### Wide Application

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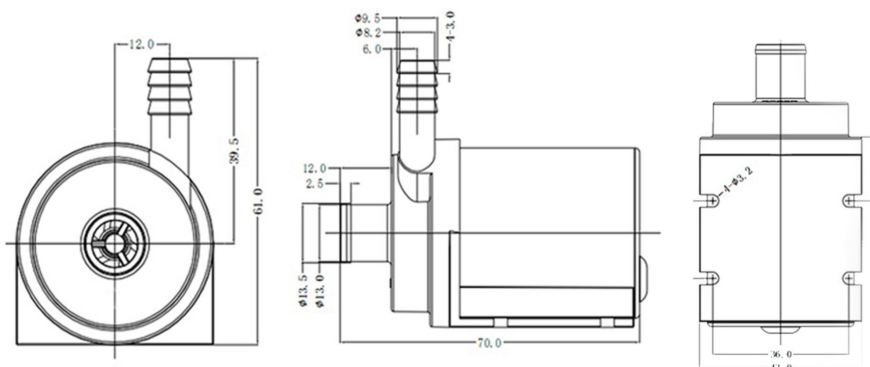
## >> Technical Parameters

Model	Voltage	Amps	Max Flow Rate	Max Lift Head	Power	Work Voltage	Flow Range	Max Temperature
DTS4005-A	6V	1.5A	6LPM	3M	9W	5-24V DC	5-8LPM	75℃
DTS4005-B	12V	1A	8LPM	4M	12W			
DTS4005-C	18V	0.67A	8LPM	4M	12W			
DTS4005-D	24V	0.50A	8LPM	4.5M	13W			

## >> Flow-lift Curve



## >> Dimensions







# GP DC Miniature Centrifugal Water Pump

Quality OEM Electric Centrifugal Water Pump DTS4005F (Food-Grade)

## >> Product Outward



## >> Specifications

Pump Type	Centrifugal Pump / DC brushless motor ( 20000 hours )
Speed Control	Voltage and PWM adjustable optional
Signal Feedback	Motor speed and RD status
IP Level	Epoxy potting, IP68 waterproof rating
Power Supply	Suitable for solar panel, batteries,adapter or other power module.
Medium	Water, coffee and other non-viscous liquid
Protection	Rotor lock protection/Reversepolarity protection (Can be customized as required )
Remark	Can't dry-running, not self-priming

## >> Product Futures

### Efficient Design

Micro brushless centrifugal pumps have a simple, lightweight structure that operates with high efficiency, providing continuous and stable flow and head for large volumes of low-viscosity liquids.

### High Stability

The static sealing design prevents leaks by isolating the liquid from the motor, while epoxy encapsulation ensures 100% waterproof capability. Also features overload protection for safe operation.

### Low Noise

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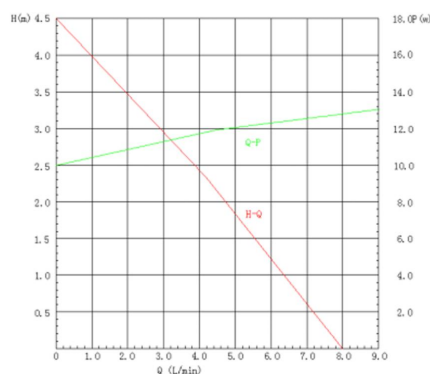
### Wide Application

Micro brushless centrifugal water pumps are suitable for various occasions, including aquariums, medical equipment, humidifiers, etc., to meet the liquid transfer needs of different fields.

## >> Technical Parameters

Model	Voltage	Amps	Max Flow Rate	Max Lift Head	Power	Work Voltage	Flow Range	Max Temperature
DTS4005F -A	6V	1.5A	6LPM	3M	9W	5-24V DC	5-8LPM	100℃
DTS4005F -B	12V	1A	8LPM	4M	12W			
DTS4005F -C	18V	0.67A	8LPM	4M	12W			
DTS4005F -D	24V	0.50A	8LPM	4.5M	13W			

## >> Flow-lift Curve



24V

## >> Dimensions

